

MAHLE

Driven by performance

2017/18



Gleitlager
Bearings

AFTERMARKET



MAHLE[®]
ORIGINAL

DE**Fußnoten****EN****Footnotes****FR****Notes de bas de page****ES****Notas al pie****IT****Note a piè di pagina**

403	Ab Motor-Nr.	From engine no.	A partir du n° de moteur	A partir de motor n.º	Da n. motore
405	Bis Motor-Nr.	Up to engine no.	Jusqu'au n° de moteur	Hasta motor n.º	Fino a n. motore

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PL**Przypisy****RU****Сноски****TR****Dipnotlar****AR****تذييلات**

403	Od nr. silnika	С номера двигателя	Motor numarasından itibaren	ابتداء من رقم المحرك
405	Do nr. silnika	До номера двигателя	Motor numarasına kadar	حتى رقم المحرك

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Überblick

DE

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AR حول هذا الكatalog	الصفحة	125–113
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**DAS GESAMTPROGRAMM IST AUCH IM
INTERNET ABRUFBAR UNTER
WWW.MAHLE-AFTERMARKET.COM**



Weitere Kataloge

**Von MAHLE Aftermarket sind folgende
Nachschlagewerke erhältlich:**

- Kolben/Zylinder/Assemblies
- Kolbenringsätze
- Gleitlager
- Ventiltriebkomponenten
- MAHLE Klassiklinie
- Filter für Pkw und Transporter
- Filter für Lkw, Busse und Transporter
- Filter für Land- und Baumaschinen und sonstige Motoren
- Filter für Motorräder
- Filter Vergleichsliste
- Thermostate für Pkw, Transporter, Busse und Lkw
- Turbolader für Pkw, Transporter, Busse und Lkw
- Generatoren und Starter für Lkw und Busse
- Generatoren und Starter für Land- und Baumaschinen und sonstige Motoren
- Elektromotoren

Das komplette Produktprogramm finden Sie auf unserer CD-ROM – oder mit ein paar Klicks unter www.mahle-aftermarket.com. Darüber hinaus sind die Daten zur kompletten MAHLE Aftermarket Produktpalette auch auf TecDoc verfügbar.

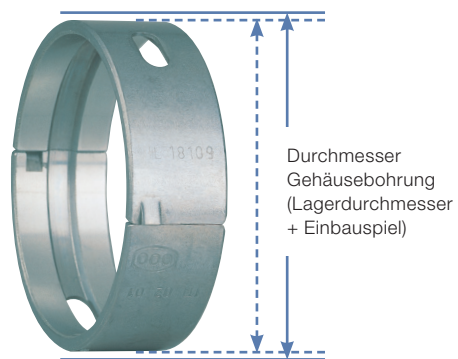
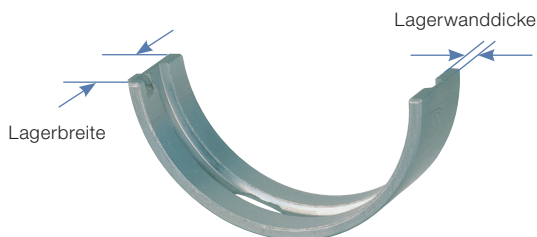


Lagertypen

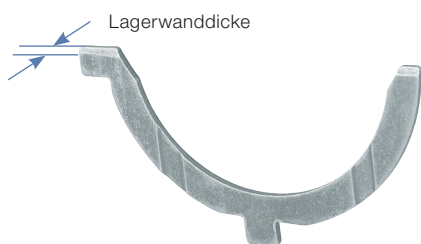
Lagerschalen

HL Hauptlager

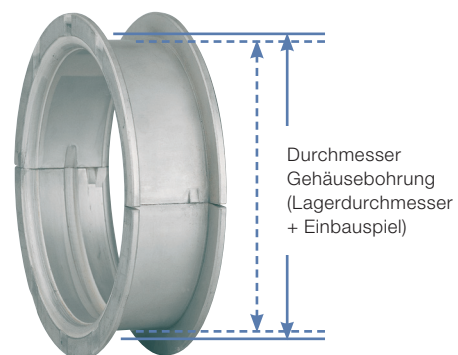
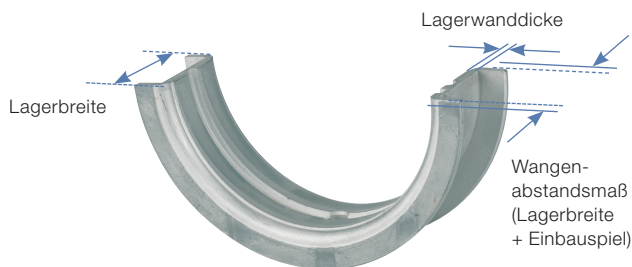
PL Pleuellager



AL Anlaufscheibe



FL Führungslager



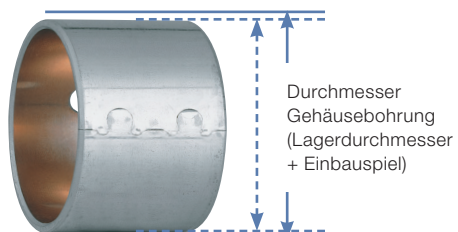
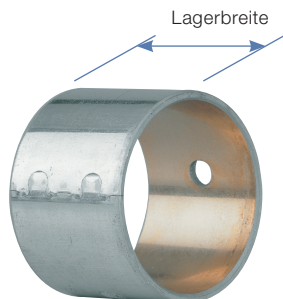
Lagerbuchsen

BB Kolbenbolzenbuchse

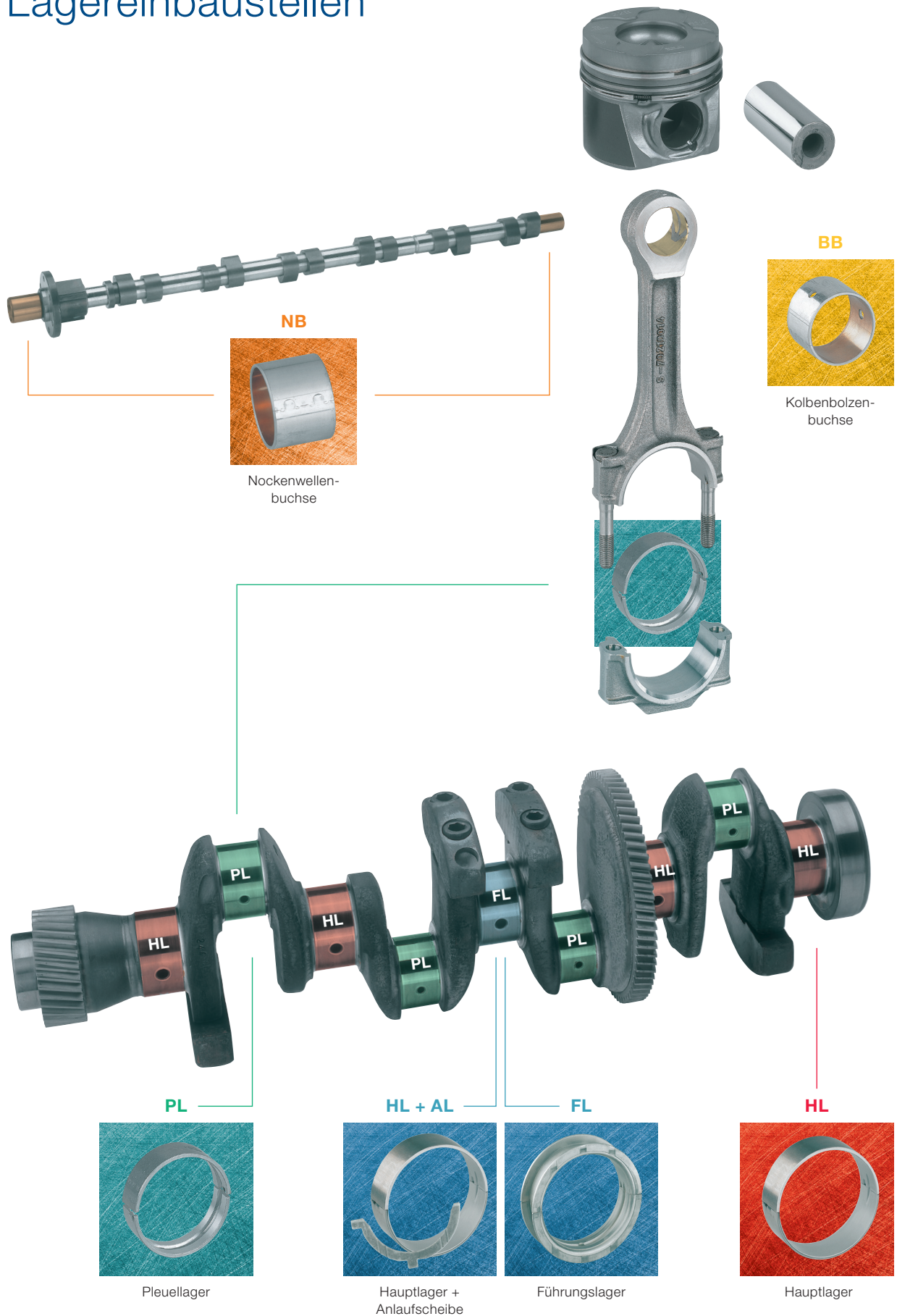
KB Kipphebelbuchse

LB Lagerbuchse

NB Nockenwellenbuchse



Lagereinbaustellen



Bauarten und Werkstoffe

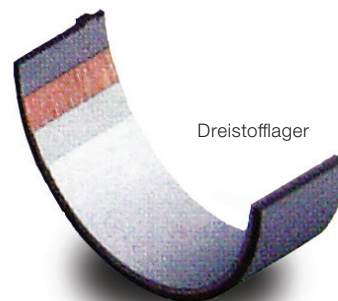
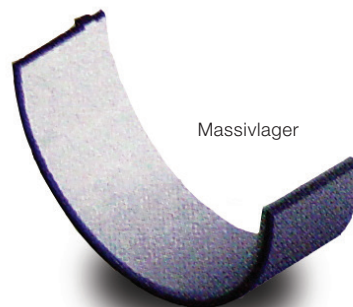
Bauarten

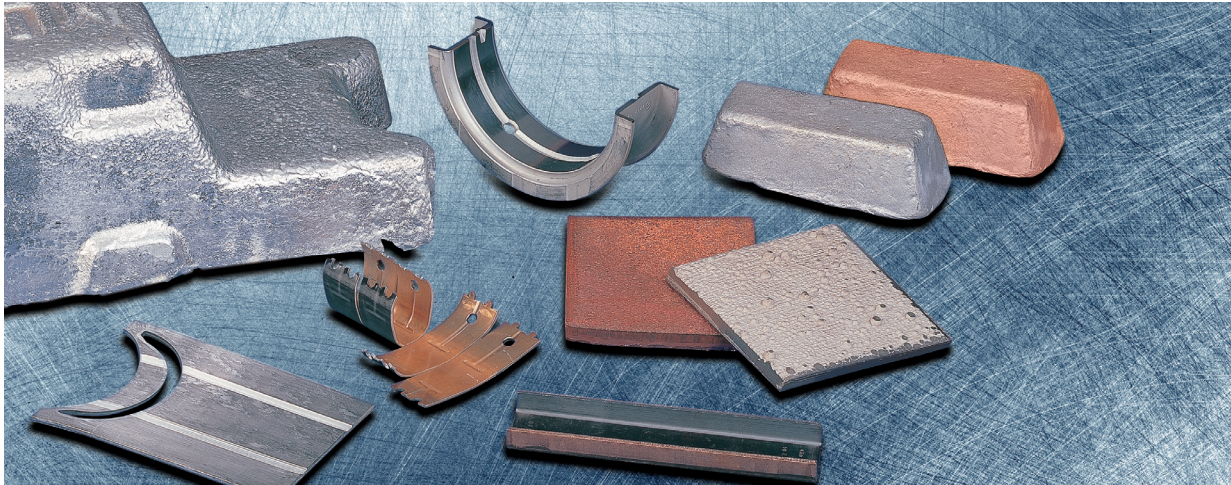
Massivlager bestehen vollständig aus Lagermetall. Häufig kommen spezielle Bronzelegierungen zum Einsatz. Die meisten Massivlager sind Buchsen.

Zweistofflager bestehen aus der Stahlstützschale, einer Zwischenschicht und einer Schicht Lagermetall. Überwiegend werden als Lagermetall Aluminiumlegierungen verwendet. Zweistofflager kommen bei niedrig bis mittel belasteten Otto- und Saug-Dieselmotoren im Pkw-Bereich zum Einsatz.

Dreistofflager bestehen aus der Stahlstützschale, einer Laufschiicht, einer Sperrschicht und der Gleitschicht. In höher belasteten Motoren werden vorwiegend Dreistofflager verwendet. Das **Sputterlager** ist ebenfalls ein Dreistofflager. Durch das spezielle Produktionsverfahren (Sputtern) haben diese Lager eine deutlich größere Härte und Verschleißfestigkeit. Daher eignen sich diese Lager besonders für hoch aufgeladene Motoren mit Ladeluftkühlung. Sputterlager werden nach den Nkw-Motoren auch vermehrt in Pkw-Diesel-Motoren verwendet.

Alle Lagerbauarten werden in den meisten Fällen zusätzlich durch eine galvanisch aufgebraachte Zinnschicht gegen Korrosion geschützt.





Werkstoffe

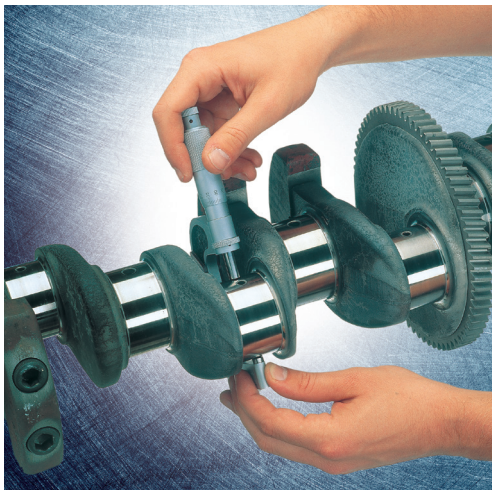
MAHLE Gleitlager bestehen je nach Anwendung aus einer hochfesten Stahlstützschale, die mit mehreren verschiedenen Lagermetallen beschichtet ist. Die Lagerwerkstoffe werden so gewählt, dass sich die positiven Eigenschaften der unterschiedlichen Werkstoffe ergänzen und für den jeweiligen Anwendungsfall optimal sind.

Die Materialentwicklung spielt eine Schlüsselrolle, um heutige und zukünftige Anforderungen am Gleitlager erfüllen zu können. MAHLE steht auf Grund langjähriger Erfahrung und Entwicklungstätigkeiten eine Vielzahl hochwertiger Lagerlegierungen zur Verfügung. Unter anderem aus Aluminium und Bronze.

Werkstoff	Metalle in %							Gleitschicht
	Cu	Al	Si	Pb	Sn	Sb	Sonstige	
M 1	3				89	8		
M 5	80			10	10			
M 7	73			23	4			
M 10	89			1	10	15	0,5	
M 11	0,5			74	10	15	1	
M 23				83	1			
M 30	70			30				
M 31	70			30				P 77
M 83	1	91	1					P 77
M 100	80			10	10			
M 114	78			20	2			P 77, P 80, P94
M 157	1	79			20			
M 172	2	81			17			
M 183	2	91	2					P 77, P 80
M 215	2	83	4		11			
M 218	2	83	4		11			
M 221	85			2	11,5			
M 222	83			7	7			
M 250	73			23	4			
M 330	78			20	2			AlSn-Sputter
M 331	75			23	2			AlSn 40Cu-Sputter
M 770	74			25	1			
M 780	78			20	2			P 77
M 790	72			23	3,5			
M 800	74			20	2			P 77
M 810	0,8	87	3		9		0,2	
M 817	1	80,3		1,7	17			
M 900	75			23	2			Q1
M 901	75			23	2			P 77, P 78, P 80
M 902				83	6	10		
M 916	1	79			20		0,3	
M 920	1	90	2		6		1	

Einbauempfehlungen

1. Während der Demontage des Motors sind die zusammengehörenden Teile zu kennzeichnen.
2. Beim Ausbau der Kurbelwelle dürfen keine Teile beschädigt werden. Die ausgebauten Teile sind sorgfältig zu reinigen. Die häufigste Ursache von Lagerschäden sind Verunreinigungen. Deshalb sind alle Teile des Ölkreislaufs, ganz besonders die Ölkanäle des Motorblocks und der Kurbelwelle, sorgsam zu reinigen.
3. Kontrolle der Teile



Die Grundbohrungen und die Kurbelzapfen (Oberfläche, Radien und Ölaustrittsbohrungen) sind hinsichtlich ihrer Maße sowie der Rundheit, Härte, Rauheit und Zylindrizität zu prüfen. Achten Sie dabei auch auf Beschädigungen.

Kontrollieren Sie die Pleuelstangen auf Verbiegung und Verdrehung.

Grundsätzlich sind die jeweiligen Vorschriften und Daten des Motorenherstellers zu beachten.

4. Die Form der Gehäusebohrung hat großen Einfluss auf die Lebensdauer der Gleitlager. Aus diesem Grund darf die Bearbeitung der Gehäusebohrung erst nach dem Anziehen der Schrauben – entsprechend Anziehvorschrift des Motorenherstellers – erfolgen.

Vor dem endgültigen Einbau – ggf. Kontroll-einbau durchführen – sind die Grundbohrungen zu reinigen und die Konservierung der neuen Gleitlager ist zu entfernen. Um Schäden durch trockenes Anlaufen zu vermeiden, sind die Laufflächen beim Einbau der Gleitlager mit sauberem Motoröl zu schmieren.

Achten Sie bei Lagerpaaren, die aus unterschiedlichen Werkstoffen gefertigt sind, auf den richtigen Einbau. Auf den Lagerrücken dieser Gleitlager sind die Begriffe „upper“ (oben) oder „lower“ (unten) zu erkennen. Die mit „upper“ gekennzeichnete Gleitlagerhälfte ist oben am Gehäuse, die mit „lower“ gekennzeichnete unten am Deckel einzubauen.

Nach richtiger Positionierung der Gleitlager sind die Deckelschrauben nach Vorschrift anzuziehen. Anschließend sind die Lagerbohrungsdurchmesser in drei Messebenen, davon ein Maß in Lastrichtung, exakt zu messen.

5. Vor Einbau des Führungslagers ist die Maßdifferenz zwischen der Wangenbreite der Kurbelwelle und der Gesamtbreite des Führungslagers zu überprüfen.

Prüfen Sie beim Zusammenbau, ob sich die Kurbelwelle leicht und ruckfrei drehen lässt, und kontrollieren Sie dabei die axiale Verschiebbarkeit der Kurbelwelle.

Achten Sie bei der Prüfung des Pleuel-Axialspiels auf leichte Verschiebbarkeit des Pleuels.

Grundsätzlich sind die geltenden Vorschriften und Daten des jeweiligen Motorenherstellers zu beachten.

Auf Nummer sicher – auch bei der Verpackung

MAHLE Original Motorenteile zählen zu den begehrtesten Produkten auf dem Kfz-Teilemarkt – und somit auch für Fälscher. Daher schützen wir sie seit vielen Jahren durch aufwendige Verpackungen und Sicherheitsetiketten. Nun gehen wir mit unserer Investition in die Fälschungssicherheit noch einen Schritt weiter und stellen nun und nach alle MAHLE Original Motorenteileverpackungen mit einem neuen Sicherheitsetikett aus.

Originalinhalt? Nur mit unversehrtem Security Strip!

Nur bei unbeschädigter Verpackung und intaktem Security Strip können Sie sicher sein, dass sich in der Verpackung tatsächlich das aufgeführte MAHLE Motorenteil befindet. Bitte achten Sie beim Auspacken und der weiteren Handhabung sorgfältig darauf, dass die empfindlichen Präzisionsteile nicht beschädigt werden.

Das neue MAHLE Sicherheitsetikett

Durch die Kombination von MAPP-Code und VeoMark bietet es ein Höchstmaß an Fälschungssicherheit.



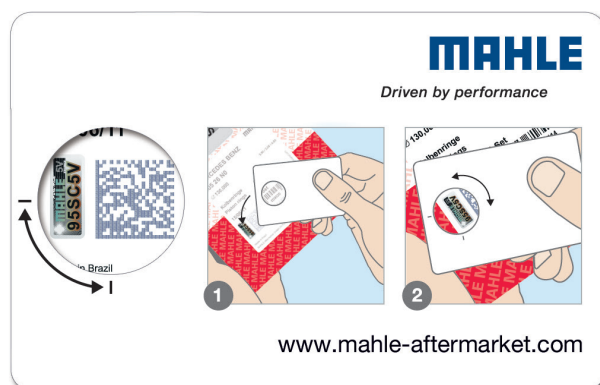
SECURITY STRIP

Security Strip

Diese Versiegelung macht eine einmal geöffnete Verpackung sofort als solche kenntlich.

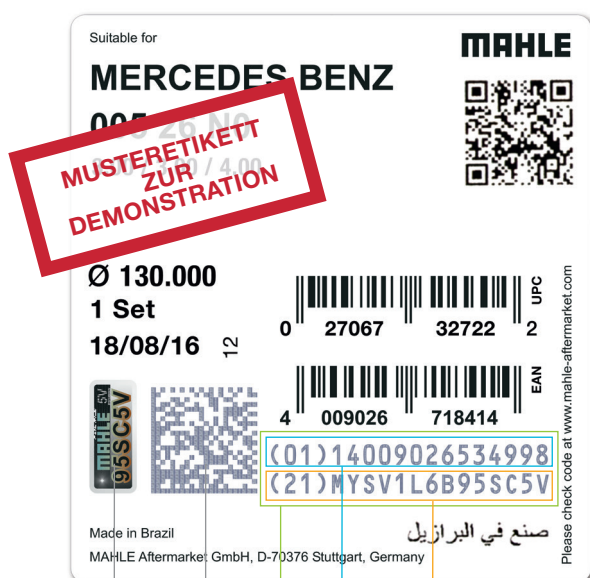
Originalverpackung? Nur mit echtem Sicherheitsetikett!

Das neue MAHLE Sicherheitsetikett enthält eine Kombination mehrerer Sicherheitsmerkmale, die durch ihre Verknüpfung höchstmöglichen Schutz vor Nachahmung bieten. Anhand dieser Daten können Sie schnell überprüfen, ob es sich um eine Originalverpackung von MAHLE handelt oder eine Fälschung.



Original oder Fälschung: Der Spezialfilter gibt Ihnen die Antwort. Erhältlich bei Ihrem Vertriebspartner.

Das neue MAHLE Sicherheitsetikett



Made in Brazil
MAHLE Aftermarket GmbH, D-70376 Stuttgart, Germany
صنع في البرازيل

GTIN
Zufallscode
MAPP-Code (in Klarschrift)
MAPP-Code (als 2D-Datamatrix)

VeoMark

- 1 HDI-Stern (High Definition Image) für hochauflösenden Kopierschutz
- 2 In Regenbogenfarben schimmerndes MAHLE Logo (am besten sichtbar, wenn der VeoMark gegen direktes, künstliches Licht gehalten wird)
- 3 LensCode (= die letzten 2 Ziffern des Zufallscodes) – wird mit dem Spezialfilter sichtbar
- 4 Seriennummer (schwarz, Umrisse in Regenbogenfarben schimmernd) – entspricht den letzten 6 Ziffern des Zufallscodes

Die Verifizierung auf einen Blick

Vergleichen Sie die Ziffern des Zufallscodes mit den Angaben auf dem VeoMark:



- Stimmen die letzten 6 Stellen mit der Seriennummer auf dem VeoMark überein?
- Stimmen die letzten 2 Stellen mit dem Lens-Code überein? Dieser wird sichtbar, wenn Sie den MAHLE Spezialfilter darüber legen und entsprechend drehen.

Die Online-Prüfung

Auf www.mahle-aftermarket.com können Sie überprüfen, ob der aufgedruckte Code gültig ist:

- Scannen Sie die 2D-Datamatrix (MAPP-Code) mit einem 2D-Barcode-Scanner.
- Alternativ: Geben Sie die beiden Zeilen des MAPP-Codes, also die GTIN und den Zufallscode, manuell in die vorgegebenen Felder ein (inkl. Klammern, jedoch ohne Leerzeichen und Zeilenumbruch).

Das Ergebnis der Datenprüfung erscheint innerhalb weniger Sekunden.

Seitenaufbau und Aufschlüsselung der Artikelnummern

1 AUDI		MAHLE															
2	Ø 81	5	6	7	8	9	10	11	12	13	14	15	37	3			
4	1B R 5 Benzin, 2226 cm ³ , 147 kW (200 PS) Turbo 200 01/1983...11/1999	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	6	029 HS 18815 000 025 050 075					
	AAN, ABY R 5 Benzin, 2226 cm ³ , 169 kW (230 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	5	029 HS 18819 000 025 050 075					
4	ADU R 5 Benzin, 2226 cm ³ , 232 kW (316 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750	FL 18818 1)	1						
	RR R 5 Benzin, 2226 cm ³ , 162 kW (220 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	63,500 63,500	77,200 77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000					
		20,000	23,000 23,021	25,000			M114	Semi	BB 18832	5	029 BS 10527 300						
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	029 LS 18190 000 300					
		41,959 41,975	45,000 45,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18192 000 300	1						

1) Wangenabstandsmaße siehe Anhang
flange span see supplement

- 1 Hersteller
- 2 Zylinder-Nenndurchmesser
- 3 Index-Nummer
- 4 Motorenbezeichnung
Motordaten
Fahrzeuge
Baujahr

- 5 Zapfendurchmesser
Die Maßangaben beziehen sich auf das jeweilige bekannte Klein- und Größtmaß des Zapfendurchmessers in der Standardabmessung. Für die Bearbeitung gelten ausschließlich die Vorschriften des jeweiligen Motorenherstellers. Achtung: Die Bearbeitung auf größere als vom Motorenhersteller freigegebene Untermaßstufen kann Beschädigungen verursachen. In diesem Fall kann von uns keine Haftung übernommen werden.

- 6 Gehäusebohrung
Angabe sind die jeweiligen bekannten Klein- und Größtmaße der Gehäusebohrung. Die Messung kann nur nach dem Anzug der Schrauben auf das vom Motorenhersteller vorgeschriebene Drehmoment bzw. der Anzugsvorschrift vorgenommen werden. Sollten Außenübermaße lieferbar sein, so ist dies bei den einzelnen Lagern angegeben.

- 7 Lagerbreite
Die genannten Maße sind Nennmaße ohne Toleranzangaben der max. Lagerbreite (Standardmaß).
Führungslager
Wenn bei der Kurbelwelle die Kurbelwangen nachgeschliffen werden, so müssen die Führungslager breiter als das Standardmaß sein. Diese Führungslager haben daher ein Breitenübermaß, damit das richtige Axialspiel der Kurbelwelle wiederhergestellt werden kann.

Anlaufscheiben
Die Wanddickenzugabe der Lagerbreite bezieht sich auf jeweils 2 Scheiben, z. B. bei Unterstufe 0,50mm ist die einzelne Anlaufscheibe um 0,25mm dicker als die Standardausführung.

- 8 Lagerwanddicke
Die genannten Maße sind Nennmaße der Wanddicke (Standardmaß) und beziehen sich auf einbaufertige Lager, Buchsen und Anlaufscheiben. Bei Untermaßen ist die Wanddicke um jeweils die Hälfte des genannten Untermaßes größer.
- 9 Einbauposition
Die angegebene Zahl gibt die Einbaustelle des Lagers an. Die Nummerierung der Lagereinbaustelle erfolgt entsprechend den Angaben der Motorenhersteller.
- 10 Lagereinbauspiel
Das Lagerspiel kann von den Motorenherstellern aus Geräuschgründen verkleinert sein. Dabei sind Differenzen zu den genannten Lagerspielen möglich. Wir empfehlen, wenn keine anderen Angaben vorliegen, ein mittleres Lagerspiel in Lastrichtung von ca. 1 ‰ des Zapfendurchmessers einzuhalten.
- 11 Lagerwerkstoff
- 12 Reparatur-Maßstufen
Die Gleitlager werden, wie im Katalog beschrieben, sowohl in Standardmaßstufen als auch in Untermaßstufen geliefert, die den freigegebenen Maßstufen der Motorenhersteller entsprechen. Darüber hinaus können wir auf Wunsch weitere Maßstufen herstellen bzw. liefern.

- 13 Einzelteil-Artikelnummer **029 LB 18192 300**
Kennziffer Fahrzeughersteller **029** xx xxxxx xxx
z. B. „029“ für Volkswagen
Lagerbauart xxx **LB** xxxxx xxx
Zählnummer xxx xx **18192** xxx
Maßstufen bzw. xxx xx xxxxx **300**
Untermaßstufen
z. B. „300“ für Semi-Standard
Kennzeichnung des Einzelteils:
- 14 Lagerbauart + Zählnummer
Stückzahl
Anzahl der Lager (in Paar bei Lagerhälften oder in Stück bei Anlaufscheiben und Lagerbuchsen), die im Lagersatz enthalten sind. Im Lagersatz sind die für einen Motor erforderlichen Teile enthalten.
- 15 Satz-Artikelnummer **029 PS 18146 000**
Kennziffer Fahrzeughersteller **029** xx xxxxx xxx
Lagerbauarten xxx **PS** xxxxx xxx
AS = Anlaufscheibensatz
BS = Kolbenbolzenbuchsensatz
HS = Hauptlagersatz
KS = Kipphebelbuchsensatz
LS = Lagerbuchsensatz
NS = Nockenwellenbuchsensatz
PS = Pleuellagersatz
Zählnummer xxx xx **18146** xxx
Maßstufen bzw. xxx xx xxxxx **000**
Untermaßstufen
z. B. „000“ für Standard

Zusatzangaben und Besonderheiten finden Sie gegebenenfalls in der Fußnote.

Kennzeichnung der Semi-Maßstufen

Nummer	300	310	311	312	313	314	315
Aufbohrbar von		0,50	0,75	1,00	1,50	2,00	2,50
bis	0,00	0,00	0,00	0,00	0,00	0,00	0,00

Kennzeichnung der Zoll-Maßstufen

Nummer	200	202	207	205	210	215	220	225	230	240	245	250	260	270	275
Zoll	.000	.0025	.0075	.005	.010	.015	.020	.025	.030	.040	.045	.050	.060	.070	.075
mm	0,000	0,064	0,191	0,127	0,254	0,381	0,508	0,635	0,762	1,016	1,127	1,270	1,524	1,778	1,905

Bitte bei Bestellung beachten: Es können ausschließlich die Produkte bestellt werden, bei denen in Spalte 13 oder 15 eine fett gedruckte vollständige Artikelnummer ausgewiesen ist.

Abkürzungen

Motoren/Fahrzeuge		Gleitlager	
Kraftstoffe		Einzelteil-Bezeichnungen	
Benzin	Kraftstoff: Benzin	AL	Anlaufscheibe
Diesel	Kraftstoff: Diesel	BB	Kolbenbolzenbuchse
Gas	Kraftstoff: Gas	FL	Führungslager
Motorarten		HL	Hauptlager
B	Boxermotor	KB	Kipphebelbuchse
Kompressor	Kompressor	LB	Lagerbuchse z. B. für Zwischenwelle
R	Reihenmotor	NB	Nockenwellenbuchse
Motor	Einzylinder	PL	Pleuellager
V	V-Motor	Satz-Bezeichnungen	
VR	VR-Motor	AS	Anlaufscheibensatz
W	W-Motor	BS	Kolbenbolzenbuchsensatz
Gemischaufbereitungen		HS	Hauptlagersatz
Vergaser	Vergaser	KS	Kipphebelbuchsensatz
Kühlungen		LS	Lagerbuchsensatz
luftgekühlt	Luftgekühlt	NS	Nockenwellenbuchsensatz
wassergekühlt	Wassergekühlt	PS	Pleuellagersatz
Aufladungen		Bearbeitungszustände	
LLK	Ladeluftkühlung	Semi	Vorbearbeitet, Erklärung siehe Seitenaufbau
Turbo	Aufladung		
Katalysatoren			
Katalysator	Katalysator		
Motorbesonderheiten			
... Ventile/Zylinder	... Ventile/Zylinder		
Pleuellänge ... mm	Pleuellänge in mm		
Bemerkungen			
3-Loch	3-Loch-Befestigung		
4-Loch	4-Loch-Befestigung		

Wichtige Hinweise

Die Original-Ersatzteile-Nummern der Fahrzeug- und Motorenhersteller dienen nur internen Vergleichszwecken. Sie sind keine Herkunftsbezeichnung und dürfen Fahrzeugbesitzern gegenüber nicht verwendet werden.

Die Zusammenstellung und der Druck dieses Katalogs erstrecken sich über einige Wochen. Infolgedessen können eventuell die letzten Neuzugänge nicht erfasst sein. Ebenso ist es mitunter möglich, dass das Produkt während der Serienproduktion geändert wurde. Grundsätzlich macht es Sinn, mit uns oder unseren Vertriebspartnern Rücksprache zu halten.

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Änderungen der Motoren- und Typenbezeichnungen seitens der Hersteller sowie der Produkte unterliegen gleichfalls diesem Vorbehalt.

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**THE COMPLETE PRODUCT RANGE IS
ALSO AVAILABLE ON THE INTERNET AT
WWW.MAHLE-AFTERMARKET.COM**



Additional catalogues

The following catalogues are available from MAHLE Aftermarket:

- Pistons/cylinders/assemblies
- Piston ring sets
- Bearings
- Valve train components
- MAHLE Classic line
- Filters for passenger cars and vans
- Filters for trucks, buses, and vans
- Filters for agricultural and construction machinery and other engines
- Filters for motorcycles
- Comparison list of filters
- Thermostats for passenger cars, vans, buses, and trucks
- Turbochargers for passenger cars, vans, buses, and trucks
- Alternators and starter motors for trucks and buses
- Alternators and starter motors for agricultural and construction machinery and other engines
- Electric motors

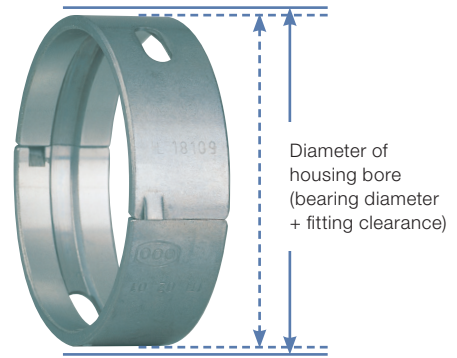
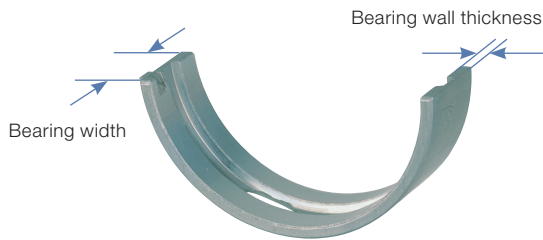
The complete range of products can be found on our CD-ROM, or with just a few clicks at www.mahle-aftermarket.com. In addition, the data for the complete MAHLE Aftermarket product range is also available on TecDoc.



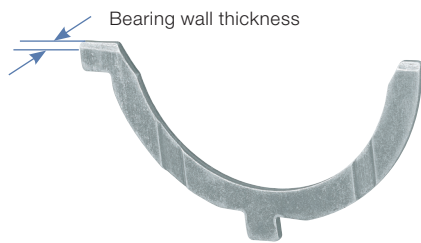
Bearing types

Bearing shells

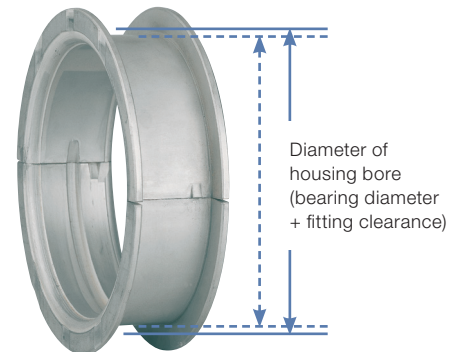
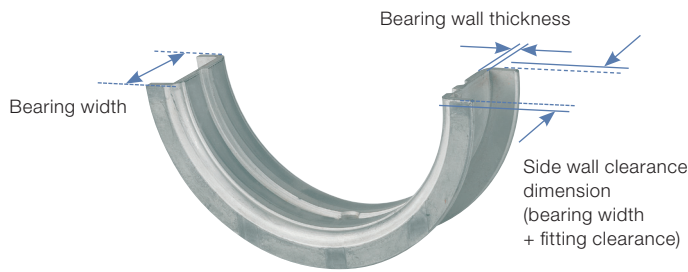
- HL** Main bearing
- PL** Conrod bearing



AL Thrust washer

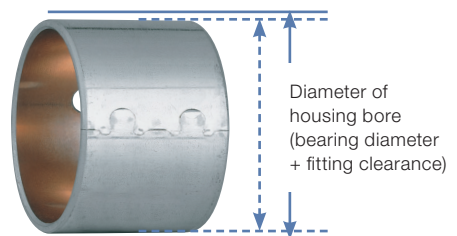
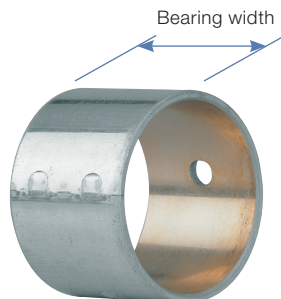


FL Thrust bearing

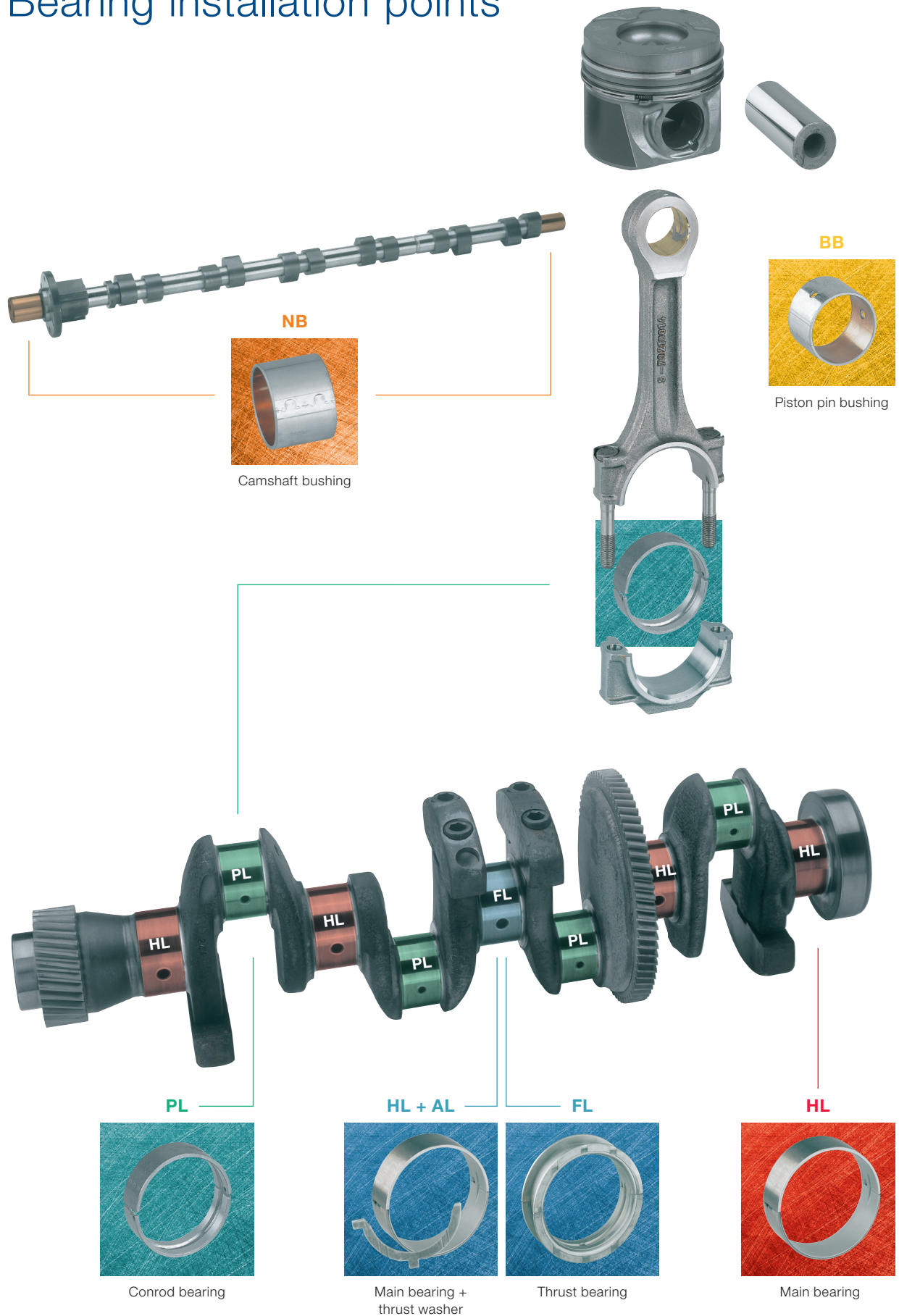


Bushings

- BB** Piston pin bushing
- KB** Valve rocker bushing
- LB** Bushing
- NB** Camshaft bushing



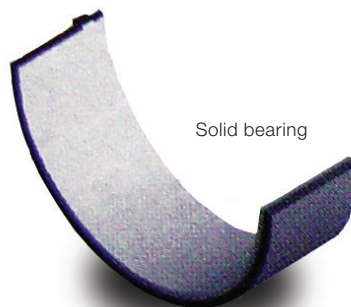
Bearing installation points



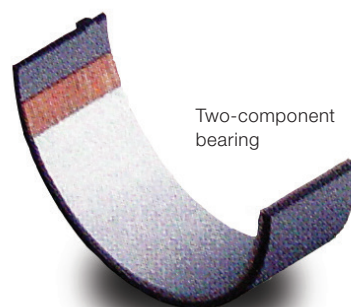
Types and materials

Types

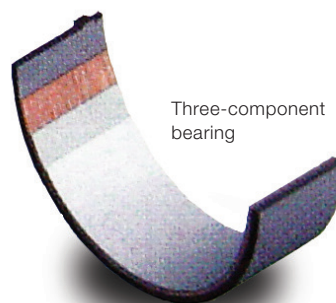
Solid bearings consist entirely of bearing metal. Special bronze alloys are frequently used. The majority of solid bearings are bushings.



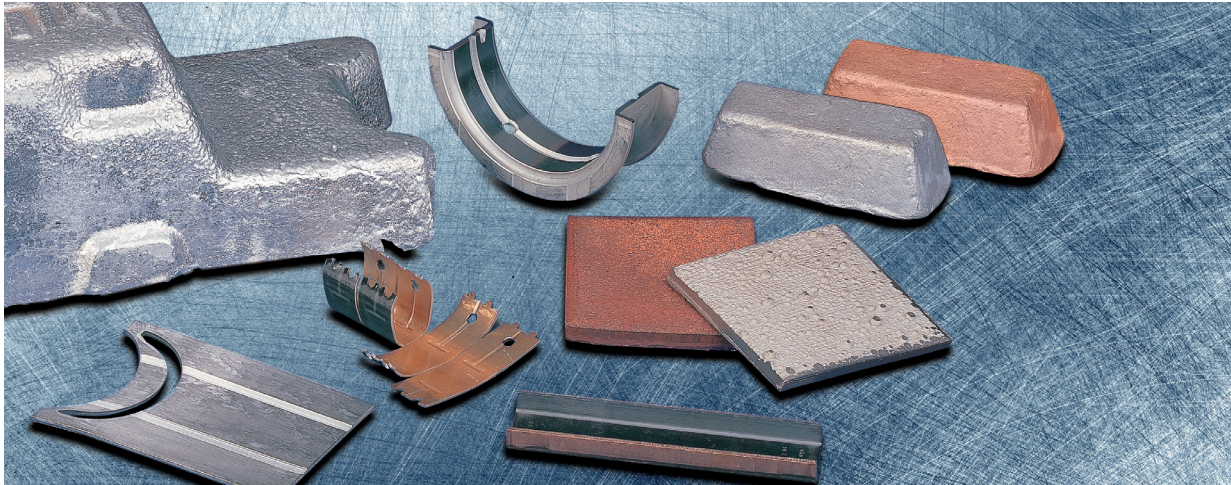
Two-component bearings consist of the steel support shell, an intermediate layer, and a layer of bearing material. Aluminium alloys are predominantly used as bearing material. Two-component bearings are used in low-load to medium-load spark-ignition engines and naturally aspirated diesel engines in passenger cars.



Three-component bearings consist of the steel support shell, a bearing layer, a barrier layer, and the overlay. They are predominantly used in high-load engines. The **sputter bearing** is a three-component bearing. The special production process (sputtering) provides these bearings with significantly greater hardness and wear resistance. These bearings are particularly suited for highly supercharged engines with charge air cooling. Sputter bearings are not only used in commercial vehicle engines, but are also increasingly employed in passenger car diesel engines.



In most cases, all bearing types feature additional protection from corrosion in the form of a galvanically applied layer of tin.



Materials

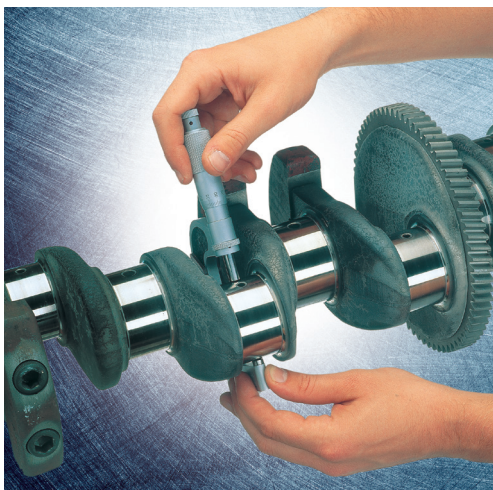
Depending on the application, MAHLE bearings consist of a high-strength steel support shell that is coated with several different bearing materials. The bearing materials are selected to ensure that the positive properties of the various materials complement each other and are ideal for the respective application.

The development of materials is of key importance in guaranteeing that present and future requirements for the bearings can be met. As a result of many years of experience and development work, MAHLE has a large quantity of high-quality bearing alloys at its disposal. These include bronze and aluminium alloys.

Material	Metals in %							Overlay
	Cu	Al	Si	Pb	Sn	Sb	Others	
M 1	3				89	8		
M 5	80			10	10			
M 7	73			23	4			
M 10	89			1	10	15	0.5	
M 11	0.5			74	10	15	1	
M 23				83	1			
M 30	70			30				
M 31	70			30				P 77
M 83	1	91	1					P 77
M 100	80			10	10			
M 114	78			20	2			P 77, P 80, P94
M 157	1	79			20			
M 172	2	81			17			
M 183	2	91	2					P 77, P 80
M 215	2	83	4		11			
M 218	2	83	4		11			
M 221	85			2	11.5			
M 222	83			7	7			
M 250	73			23	4			
M 330	78			20	2			AlSn-sputter
M 331	75			23	2			AlSn 40Cu-sputter
M 770	74			25	1			
M 780	78			20	2			P 77
M 790	72			23	3.5			
M 800	74			20	2			P 77
M 810	0.8	87	3		9		0.2	
M 817	1	80.3		1.7	17			
M 900	75			23	2			Q1
M 901	75			23	2			P 77, P 78, P 80
M 902				83	6	10		
M 916	1	79			20		0.3	
M 920	1	90	2		6		1	

Fitting recommendations

1. When dismantling the engine, mark the parts that belong together.
2. Do not damage any parts when removing the crankshaft. The parts that have been removed must be cleaned carefully. Contamination is the most common cause of damage to bearings. All parts involved in the oil circuit, particularly the oil channels for the engine block and crankshaft, must therefore be cleaned carefully.
3. Checking the parts



The basic bores and crank pins (surface, radii, and oil outlet bores) must be checked in terms of their dimensions, roundness, hardness, roughness, and cylindricity. The parts should also be inspected for damage.

Check the conrods as to whether they are bent or distorted.

As a general rule, the specifications and data of each engine manufacturer must be observed.

4. The shape of the housing bore has a significant influence on the service life of the bearings. This is why the housing bore may only be machined once the bolts have been tightened—in line with the engine manufacturer's tightening specification.

Before the final installation—carry out a test installation, if necessary—the basic bores must be cleaned and the protection on the new bearings must be removed. To prevent damage caused by a dry start-up, lubricate the running surfaces with clean engine oil when installing the bearings.

When using bearing pairs made of different materials, ensure that they have been installed correctly. The markings “upper” or “lower” are visible on the backs of these bearings. The bearing half marked with “upper” must be installed at the top of the housing; the half with “lower” must be fitted at the bottom on the cover.

Once the bearings have been correctly positioned, the cover screws must be tightened in line with the specification. The bearing bore diameters must then be measured exactly in three measuring planes, one of which must be in the direction of the load.

5. Before the thrust bearing is fitted, the difference in dimensions between the width of the crankshaft side wall and the total width of the thrust bearing must be checked.

During assembly, test whether the crankshaft can be turned easily and without jerking. You should also check the axial movement of the crankshaft.

When checking the conrod axial clearance, ensure that the conrod can be moved easily.

As a general rule, the specifications and data of each engine manufacturer must be observed.

Playing it safe—even with our packaging

MAHLE Original engine components are among the most sought-after products on the automotive aftermarket, by genuine buyers and forgers alike. This is why we have protected our parts for years with intricate packaging and security labels. Now we are going one step further with our investment in counterfeit security and are gradually furnishing all MAHLE Original engine component packaging with our new security labels.

The real McCoy? Only with an intact security strip!

You can only be certain that the packaging contains the listed MAHLE engine component if the packaging is not damaged and the security strip is intact. Please unpack and handle the sensitive precision part with care to prevent any damage.

The new MAHLE security label

The combination of MAPP code and VeoMark provides the highest level of security against counterfeiting.



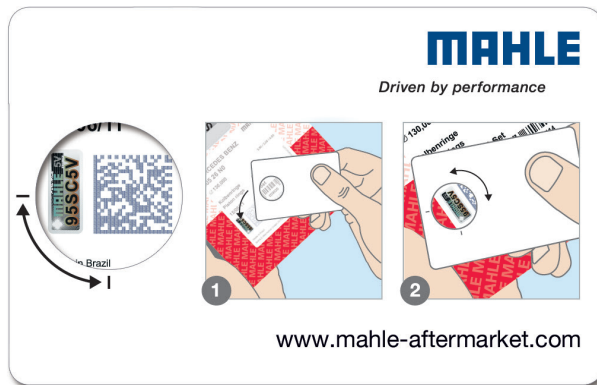
SECURITY STRIP

Security strip

This seal indicates whether packaging has already been opened.

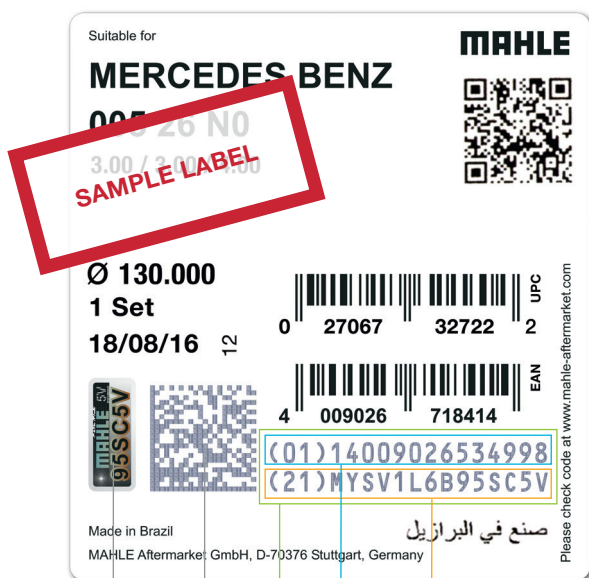
Original packaging? Only with a genuine security label!

The new MAHLE security label comprises a combination of several security features that are linked together to provide the maximum possible protection against counterfeiting. These data enable you to quickly verify whether you have an original package from MAHLE or a fake.



Original or counterfeit: the special filter reveals the answer. Available from your sales partner.

The new MAHLE security label



Verification at a glance

Compare the digits of the random code to the VeoMark information:



- Do the last 6 digits match the serial number on the VeoMark?
- Do the last 2 digits match the LensCode? The LensCode becomes visible when you place the MAHLE special filter over the label and rotate it.

Online verification

You can check whether the printed code is valid at www.mahle-aftermarket.com:

- Scan the 2D data matrix (MAPP code) with a 2D barcode scanner.
- Alternatively, you can manually enter both lines of the MAPP code, that is, the GTIN and the random code, into the fields provided (including parentheses, but without spaces or line breaks).

The results of the data verification are provided within seconds.



- 1 HDI star (High Definition Image) for high-resolution copy protection
- 2 MAHLE logo in shimmering rainbow colours (most easily visible when the VeoMark is held up to a direct, artificial light source)
- 3 LensCode (= the last 2 digits of the random code) — becomes visible with the special filter
- 4 Serial number (black, outlined in shimmering rainbow colours)— corresponds to the last 6 digits of the random code

Page structure and decoding of part numbers

1 AUDI		MAHLE														
2 Ø 81		5	6	7	8	9	10	11	12	13	14	15	37			
1B R 5 Benzin, 2226 cm³, 147 kW (200 PS) Turbo 200 01/1983...11/1999 AAN, ABY R 5 Benzin, 2226 cm³, 169 kW (230 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995 ADU R 5 Benzin, 2226 cm³, 232 kW (316 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995 RR R 5 Benzin, 2226 cm³, 162 kW (220 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	6	029 HS 18815 000 025 050 075					
	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	5	029 HS 18819 000 025 050 075					
	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750	FL 18818 1)	1						
	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000					
	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2						
	20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300					
	42,959 42,975	46,000 46,025	15,000	1,70 1,77			0,025 0,066	M11 Semi	0,000 Semi	029 LB 18191 000 300 8)	1	029 LS 18190 000 300				
	41,959 41,975	45,000 45,025	15,000	1,70 1,77			0,025 0,066	M11 Semi	0,000 Semi	029 LB 18192 000 300	1					

- 1 Manufacturer
- 2 Nominal diameter of cylinder
- 3 Index number
- 4 Engine name
Engine data
Vehicles
Year of manufacture

5 Crank pin diameter
The dimensions specified refer in each case to the smallest and greatest known crank pin diameter in the standard dimensions. In terms of machining, only the specifications of the respective engine manufacturer apply. Caution: The machining to larger undersize grades than approved by the engine manufacturer can cause damage. We cannot accept liability in such cases.

6 Housing bore
In each case, the smallest and greatest known dimensions of the housing bore are specified. Measurements can only be made after the bolts have been tightened to the torque specified by the engine manufacturer or in the tightening torque specification. If external oversize dimensions are available, this is specified for the individual bearing.

7 Bearing width
The dimensions specified are nominal dimensions without tolerances for the maximum bearing width (standard dimension).

Thrust bearing
If the side walls on the crankshaft have to be reground, the thrust bearing must be wider than the standard dimension. These thrust bearings therefore have excess width, thus making it possible to restore the correct axial play for the crankshaft.

Thrust washers
The extra wall thickness added to the bearing width refers to 2 washers respectively, e.g. for undersize grade 0.50mm, the single thrust washer is 0.25mm thicker than the standard design.

- 8 Bearing wall thickness
The stated dimensions are nominal dimensions for wall thickness (standard dimension) and refer to ready-to-assemble bearings, bushings, and washers. For undersize grades, the wall thickness is one-and-a-half times the size of the respective undersize grade.
- 9 Installation position
The stated number indicates the installation point of the bearing. The numbering of the bearing installation point is carried out in accordance with the information provided by the engine manufacturer.
- 10 Bearing installation clearance
The bearing clearance can be reduced by the engine manufacturers for noise reasons. This means that differences to the specified bearing clearances may arise. If no specific information is available, we recommend that an average bearing clearance be maintained in the direction of the load of approx. 1‰ of the crank pin diameter.
- 11 Bearing material
- 12 Repair dimension sizes
The bearings are—as described in the catalogue—supplied in both standard dimensions and undersize grades that correspond to the dimensions permitted by the engine manufacturers. In addition, we can manufacture or supply other dimensions on request.

- 13 Single-component
part number **029 LB 18192 300**
Vehicle manufacturer code **029** xx xxxxx xxx
e.g. “029” for Volkswagen
Bearing type xxx **LB** xxxxx xxx
Number xxx xx **18192** xxx
Dimension sizes or
undersize grades xxx xx xxxxx **300**
e.g. “300” for semi-finished
Identification for the single part:
- 14 Bearing type + number
Quantity
Number of bearings (in pairs for bearing halves or in pieces for thrust washers and bearing bushings) that are part of the bearing set. The parts required for an engine are included in the bearing set.
- 15 Set part number **029 PS 18146 000**
Vehicle manufacturer code **029** xx xxxxx xxx
Bearing types xxx **PS** xxxxx xxx
AS = Thrust washer set
BS = Piston pin bushing set
HS = Main bearing set
KS = Valve rocker bushing set
LS = Bushing set
NS = Camshaft bushing set
PS = Conrod bearing set
Number xxx xx **18146** xxx
Dimension sizes or
undersize grades xxx xx xxxxx **000**
e.g. “000” for standard

Additional information and characteristic features can be found in the footnote, if applicable.

Semi-dimension sizes

Number	300	310	311	312	313	314	315
Can be bored from		0.50	0.75	1.00	1.50	2.00	2.50
to	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Inch dimensions

Number	200	202	207	205	210	215	220	225	230	240	245	250	260	270	275
Inches	.000	.0025	.0075	.005	.010	.015	.020	.025	.030	.040	.045	.050	.060	.070	.075
mm	0.000	0.064	0.191	0.127	0.254	0.381	0.508	0.635	0.762	1.016	1.127	1.270	1.524	1.778	1.905

Please note when ordering: orders can only be placed for products that show a complete part number entered in bold in column 13 or 15.

Abbreviations

Engines/vehicles		Bearings	
Fuels		Single-part descriptions	
Benzin	Fuel: petrol	AL	Thrust washer
Diesel	Fuel: diesel	BB	Piston pin bushing
Gas	Fuel: natural gas	FL	Thrust bearing
Types of engine		HL	Main bearing
B	Opposed-piston engine	KB	Valve rocker bushing
Kompressor	Compressor	LB	Bushing e.g. for intermediate shaft
R	Inline engine	NB	Camshaft bushing
Motor	Single-cylinder	PL	Conrod bearing
V	V-type engine	Set descriptions	
VR	VR-type engine	AS	Thrust washer set
W	W-type engine	BS	Piston pin bushing set
Preparation of fuel mixture		HS	Main bearing set
Vergaser	Carburettor	KS	Valve rocker bushing set
Cooling		LS	Bushing set
luftgekühlt	Air-cooled	NS	Camshaft bushing set
wassergekühlt	Water-cooled	PS	Conrod bearing set
Supercharging		Machining status	
LLK	Charge air cooling	Semi	Pre-machined, see Page structure for explanation
Turbo	Turbocharging		
Catalytic converters			
Katalysator	Catalytic converter		
Engine features			
... Ventile/Zylinder	... valves/cylinder		
Pleuellänge ... mm	Conrod length in mm		
Remarks			
3-Loch	3-hole adjustment		
4-Loch	4-hole adjustment		

Important information

The original spare part numbers of vehicle and engine manufacturers are given for internal comparison purposes only. They do not denote the origin of the parts and must not be used in connection with the vehicle owner.

The compilation and printing of this catalogue takes several weeks. The latest additions may therefore not be included. It is also possible that the product may have had to be changed during series production. It is generally advisable to consult us or our sales partners.

Our products must only be installed or fitted by specialist personnel.

The information in this catalogue has been carefully prepared; however, we do not assume any liability for the correctness of the data.

Changes to the engine and type designations on the part of the manufacturer, as well as to the products, are also subject to this proviso.

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Autres catalogues

MAHLE Aftermarket propose les catalogues suivants :

- Pistons, cylindres, ensembles
- Jeux de segments de pistons
- Coussinets
- Éléments composant la distribution
- Ligne classique MAHLE
- Filtres pour véhicules particuliers et utilitaires légers
- Filtres pour poids lourds, bus et utilitaires légers
- Filtres pour machines agricoles, engins de chantier et autres moteurs
- Filtres pour motos
- Liste comparative pour filtres
- Thermostats pour véhicules particuliers, utilitaires légers, bus et poids lourds
- Turbocompresseurs pour véhicules particuliers, utilitaires légers, bus et poids lourds
- Alternateurs et démarreurs pour camions et bus
- Alternateurs et démarreurs pour engins agricoles et de chantier et autres moteurs
- Moteurs électriques

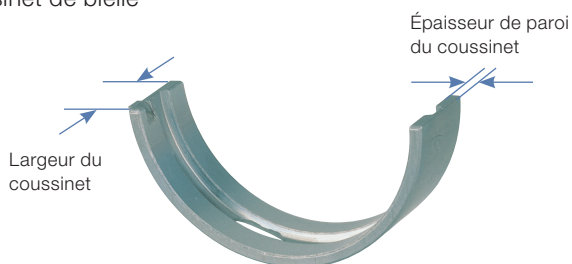
Accédez à la gamme complète sur notre CD-ROM ou en quelques clics sur www.mahle-aftermarket.com. Les données concernant la gamme complète des produits MAHLE Aftermarket sont également disponibles sur TecDoc.

Types de coussinets

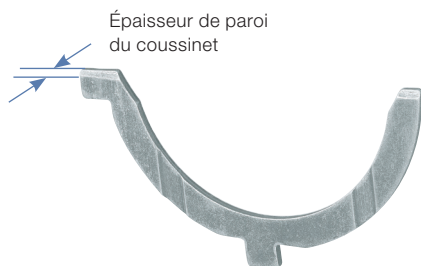
Demi-coussinets

HL Coussinet de palier

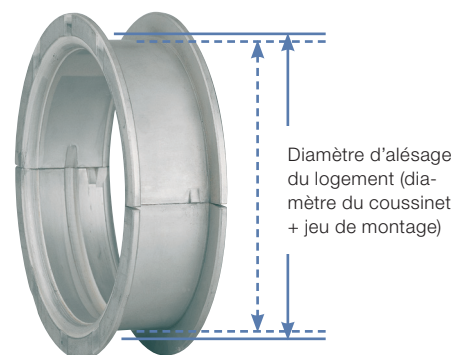
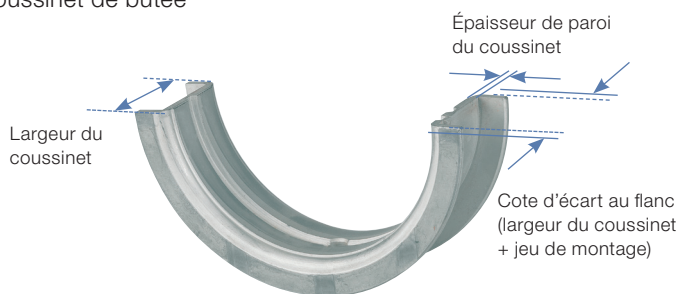
PL Coussinet de bielle



AL Flasque de butée



FL Coussinet de butée



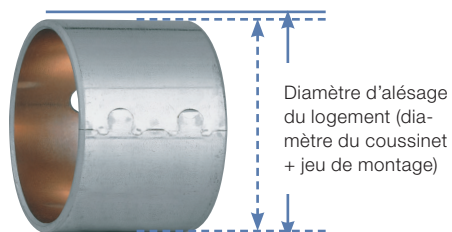
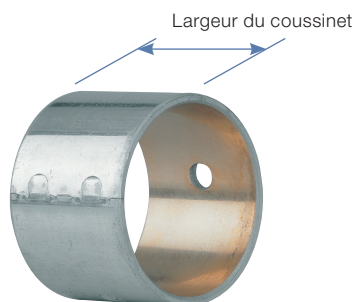
Bagues

BB Bague d'axe de piston

KB Bague de culbuteur

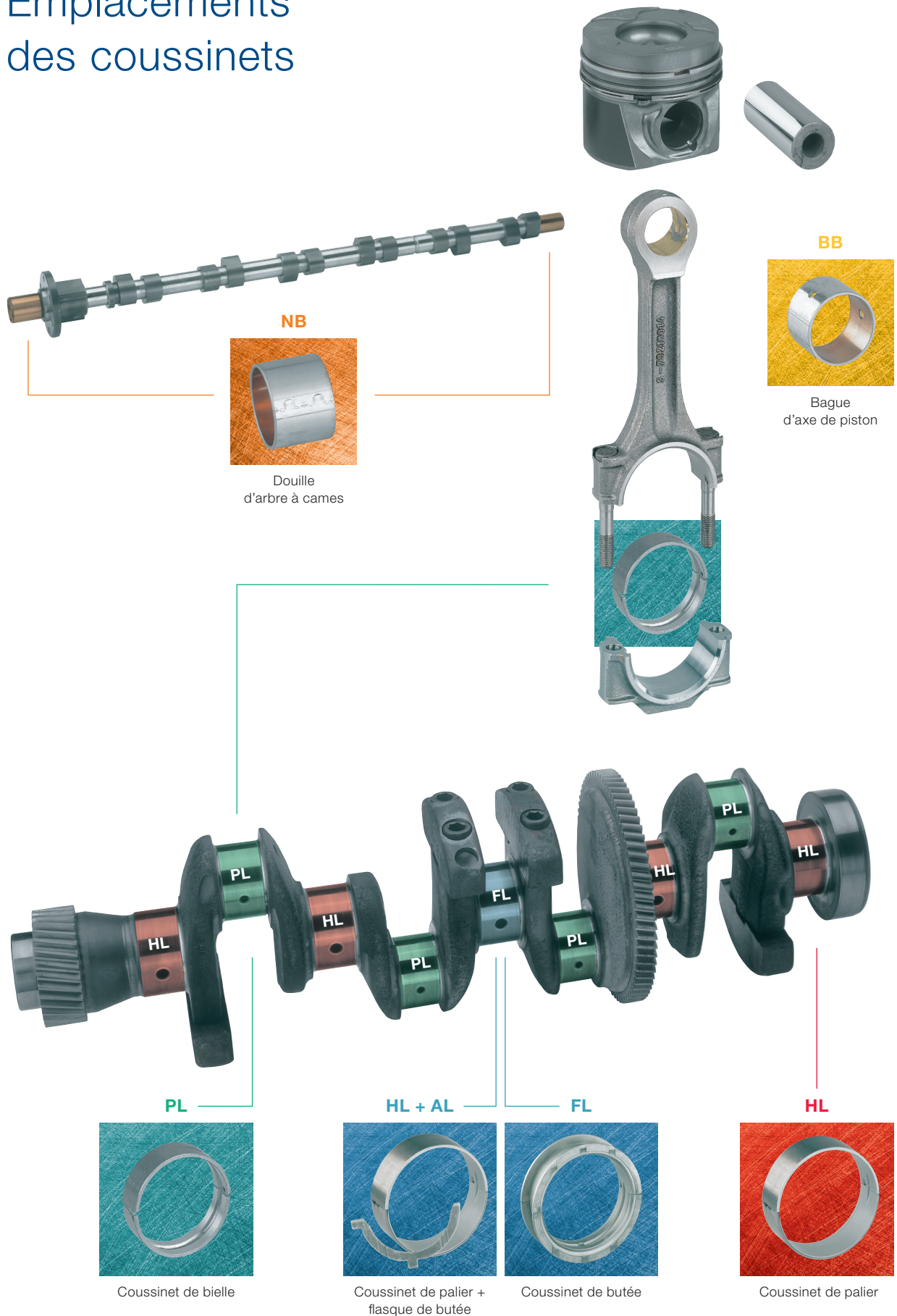
LB Bague de palier

NB Douille d'arbre à cames



français

Emplacements des coussinets



Types et matériaux

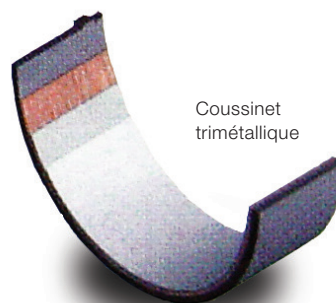
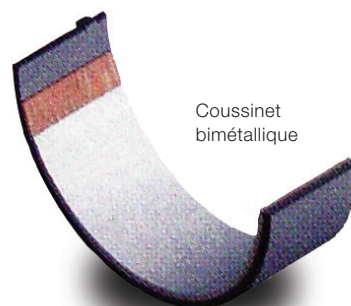
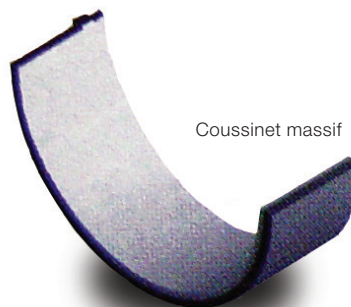
Types

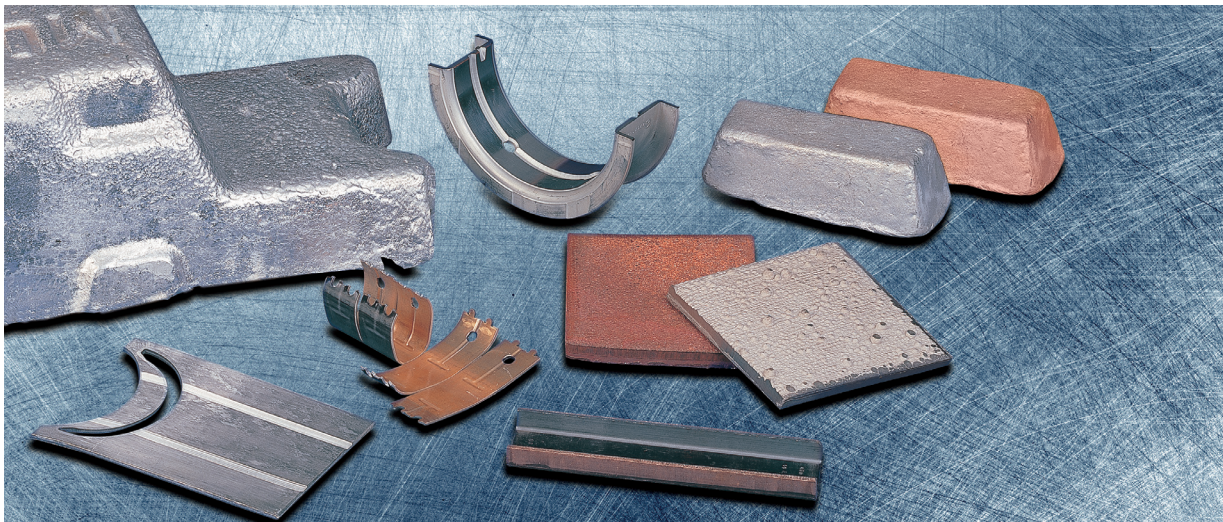
Les coussinets massifs sont entièrement constitués de métal antifriction, qui est couramment composé d'alliages de bronze spéciaux. La plupart des coussinets massifs sont des bagues.

Les coussinets bimétalliques sont constitués d'un support en acier, d'une couche de liaison et d'une couche de métal antifriction qui, dans la majorité des cas, est composé d'alliages d'aluminium. Les coussinets bimétalliques sont utilisés dans les moteurs essence et diesel faiblement à moyennement sollicités.

Les coussinets trimétalliques sont constitués d'un support en acier, d'une couche de frottement, d'une couche isolante et d'une couche antifriction. Ils sont surtout utilisés dans les moteurs fortement sollicités. Le **coussinet de type Sputter** est également un coussinet trimétallique. Grâce au procédé de fabrication spécial (pulvérisation cathodique ou sputtering), ces coussinets possèdent une dureté et une résistance à l'usure nettement supérieures. Ils conviennent donc particulièrement pour les moteurs suralimentés à échangeur air-air. Réservés jusqu'ici aux moteurs des véhicules utilitaires, les coussinets de type Sputter sont de plus en plus utilisés dans les moteurs diesel de véhicules particuliers.

Dans la plupart des cas, tous les types de coussinets sont protégés de la corrosion par une couche d'étain appliquée par électrodéposition.





Matériaux

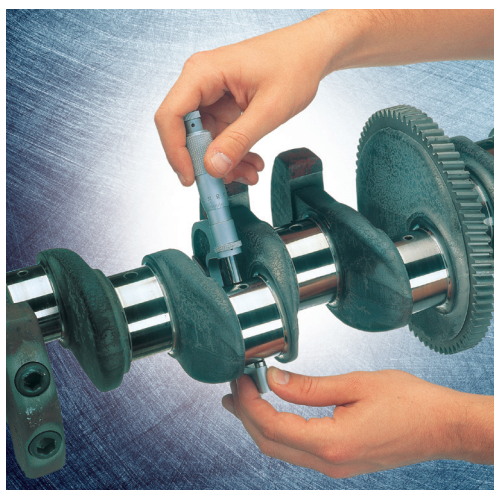
Selon leur application, les coussinets MAHLE sont constitués d'un support en acier très résistant revêtu de plusieurs métaux antifriction différents. Les matériaux des coussinets sont choisis de manière à ce que les propriétés positives des différents matériaux se complètent et fournissent la solution idéale pour chaque application.

Le développement des matériaux joue un rôle prépondérant pour obtenir des coussinets répondant aux exigences actuelles et futures. Grâce à ses nombreuses années d'expérience et d'activités de recherche et développement, MAHLE dispose d'une multitude d'alliages antifriction, notamment à base d'aluminium et de bronze.

Matériau	Métaux en %							Couche antifriction
	Cu	Al	Si	Pb	Sn	Sb	Autres	
M 1	3				89	8		
M 5	80			10	10			
M 7	73			23	4			
M 10	89			1	10	15	0,5	
M 11	0,5			74	10	15	1	
M 23				83	1			
M 30	70			30				
M 31	70			30				P 77
M 83	1	91	1					P 77
M 100	80			10	10			
M 114	78			20	2			P 77, P 80, P94
M 157	1	79			20			
M 172	2	81			17			
M 183	2	91	2					P 77, P 80
M 215	2	83	4		11			
M 218	2	83	4		11			
M 221	85			2	11,5			
M 222	83			7	7			
M 250	73			23	4			
M 330	78			20	2			AlSn-Sputter
M 331	75			23	2			AlSn 40Cu-Sputter
M 770	74			25	1			
M 780	78			20	2			P 77
M 790	72			23	3,5			
M 800	74			20	2			P 77
M 810	0,8	87	3		9		0,2	
M 817	1	80,3		1,7	17			
M 900	75			23	2			Q1
M 901	75			23	2			P 77, P 78, P 80
M 902				83	6	10		
M 916	1	79			20		0,3	
M 920	1	90	2		6		1	

Recommandations de montage

1. Lors du démontage du moteur, repérez les pièces assorties.
2. Veillez à n'endommager aucune pièce en démontant le vilebrequin. Nettoyez soigneusement toutes les pièces que vous avez démontées. L'encrassement est la plus fréquente cause de détériorations. C'est pourquoi il convient de nettoyer minutieusement toutes les pièces du circuit de lubrification et tout particulièrement les canaux de lubrification du carter moteur et du vilebrequin.
3. Contrôle des pièces



Vérifiez les cotes ainsi que la sphéricité, la dureté, la rugosité et la cylindricité des logements et des manetons (surface, rayons et trous de retour d'huile). Vérifiez également s'il y a des détériorations.

Contrôlez l'équerrage des bielles (gauchissement et torsion).

Suivez systématiquement les instructions et données du motoriste.

4. La forme de l'alésage du logement a une grande influence sur la durée de vie des coussinets. En conséquence, il est impératif de ne pas procéder à l'usinage de l'alésage avant d'avoir serré les vis (au couple prescrit par le motoriste).

Avant de monter définitivement le coussinet dans son logement (au besoin, effectuez un essai préliminaire), nettoyez les logements et enlevez la couche de protection des nouveaux coussinets. Afin d'éviter les détériorations provoquées par un démarrage à sec, lubrifiez légèrement les coussinets avec de l'huile moteur propre.

Veillez au montage correct des demi-coussinets réalisés en matériaux différents. Des repères au dos de ces coussinets permettent leur appariement : « upper » (haut) et « lower » (bas). Le demi-coussinet portant le repère « upper » est à monter côté carter, celui avec le repère « lower » côté chapeau.

Après avoir correctement positionné les coussinets, serrez les vis du chapeau au couple prescrit. Effectuez ensuite la mesure précise du diamètre des alésages en trois points, dont une dans le sens de la charge.

5. Avant le montage du coussinet de butée, vérifiez la différence de cote entre la portée du vilebrequin et la largeur totale du coussinet de butée.

Lors de l'assemblage, vérifiez que le vilebrequin tourne facilement et sans à-coups et contrôlez également sa mobilité axiale.

Lorsque vous contrôlez le jeu axial de la bielle, vérifiez également la mobilité de la bielle.

Suivez systématiquement les instructions et données du motoriste.

La sécurité avant tout, même sur les emballages

Les pièces moteurs MAHLE Original comptent parmi les produits les plus recherchés sur le marché des pièces automobile, y compris pour les contrefacteurs. C'est pourquoi nous les protégeons depuis de nombreuses années avec des emballages sophistiqués et des étiquettes de sécurité. Nous passons maintenant à la vitesse supérieure et équipons progressivement tous les emballages de pièces moteur MAHLE Original d'un nouveau système de sécurité.

Contenu d'origine ? Uniquement si le Security Strip est intact !

Vous ne pouvez être certains que l'emballage contient effectivement la pièce moteur MAHLE indiquée que si l'emballage et l'étiquette sont intacts. Déballez et manipulez le contenu du colis avec précaution afin de ne pas endommager les pièces de précision sensibles.

La nouvelle étiquette de sécurité MAHLE

La combinaison d'un code MAPP et d'un VeoMark permet d'assurer une double sécurité anti contrefaçon.



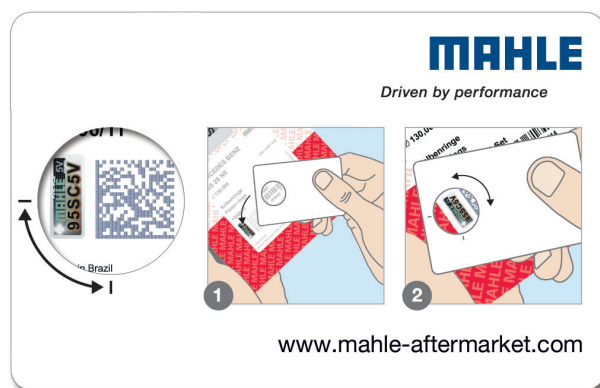
SECURITY STRIP

Security Strip

Ce scellé permet de reconnaître immédiatement si le colis a été ouvert.

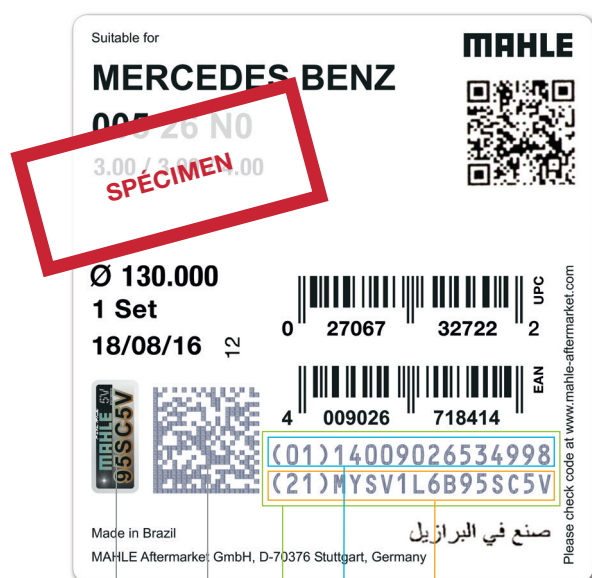
Contenu d'origine ? Uniquement avec étiquette de sécurité authentique !

La nouvelle étiquette de sécurité MAHLE comporte plusieurs coordonnées de sécurité, dont la combinaison empêche toute falsification et offre un maximum de protection contre la contrefaçon. Ces données vous permettent de vérifier rapidement s'il s'agit d'un emballage original de MAHLE ou d'une contrefaçon.



Original ou contrefaçon : le filtre spécial vous donne la réponse. Disponible chez votre distributeur.

La nouvelle étiquette de sécurité MAHLE



GTIN Code aléatoire
Code MAPP (en clair)
Code MAPP (de type Datamatrix 2D)

VeoMark



- 1 Étoile HDI (Image Haute Définition) pour une protection anticopie haute résolution
- 2 Logo MAHLE brillant aux couleurs de l'arc-en-ciel (visible quand on tient le VeoMark devant une source de lumière directe et artificielle)
- 3 Le LensCode (= les 2 derniers chiffres du code aléatoire) – devient apparent avec le filtre spécial
- 4 Numéro de série (noir, contours brillants aux couleurs de l'arc-en-ciel) – correspond aux 6 derniers chiffres du code aléatoire

La vérification en un coup d'œil

Comparez les chiffres du code aléatoire avec les données sur le VeoMark :



- Les 6 derniers chiffres du numéro de série correspondent-ils avec ceux du VeoMark ?
- Les 2 dernières positions sont-elles identiques au LensCode ? Celui-ci devient visible lorsque vous lui surpositionnez le filtre spécial MAHLE et que vous le tournez dans la bonne position.

La vérification en ligne

Sur www.mahle-aftermarket.com, vous pouvez vérifier si le code imprimé sur l'étiquette est valide :

- Scannez le code Datamatrix 2D (code MAPP) avec un lecteur de codes barres 2D ;
- Autre solution : saisissez les deux lignes du code MAPP, donc le GTIN et le code aléatoire, dans les champs prévus à cet effet (avec les parenthèses, mais sans espace ni retour à la ligne).

Le résultat de la vérification des données apparaît en l'espace de quelques secondes.

Structure des pages et des références

1 AUDI		MAHLE														
2 Ø 81		5	6	7	8	9	10	11	12	13	14	15	37		3	
4	1B R 5 Benzin, 2226 cm³, 147 kW (200 PS) Turbo 200 01/1983...11/1999	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	6	029 HS 18815 000 025 050 075				
	AAN, ABY R 5 Benzin, 2226 cm³, 169 kW (230 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	5	029 HS 18819 000 025 050 075				
	ADU R 5 Benzin, 2226 cm³, 232 kW (316 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750	FL 18818 1)	1					
	RR R 5 Benzin, 2226 cm³, 162 kW (220 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000				
		63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2					
		20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300				
		42,959 42,975	46,000 46,025	15,000	1,70 1,77			0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300 8)	1	029 LS 18190 000 300			
		41,959 41,975	45,000 45,025	15,000	1,70 1,77			0,025 0,066	M11	0,000 Semi	029 LB 18192 000 300	1				

1) Wagenabstandsmaße siehe Anhang flange span see supplement

1 Fabricant

2 Diamètre nominal du cylindre

3 Numéro d'indice

4 Désignation du moteur

Caractéristiques du moteur

Types de véhicules

Année de construction

5 Diamètre du maneton

Les cotes indiquées reposent sur les diamètres mini et maxi de manetons normalisés. Pour l'usinage, respectez scrupuleusement les dimensions limites prescrites par le motoriste respectif. Attention ! L'usinage à des cotes supérieures aux cotes réparation autorisées par le motoriste peut provoquer des détériorations, auquel cas notre responsabilité ne pourra être engagée.

6 Alésage du logement

Sont indiquées ici les cotes limites (dimensions mini et maxi) connues de l'alésage. La mesure ne peut être effectuée qu'après serrage des vis au couple prescrit par le motoriste. Il est précisé si les coussinets sont disponibles en cotes réparation extérieures majorées.

7 Largeur des coussinets

Les cotes indiquées sont les dimensions nominales sans tolérances de la largeur maxi des coussinets (cote standard).

Coussinets de butée

Si les flasques du vilebrequin nécessitent une rectification, veillez à ce que les coussinets de butée soient plus larges que la cote standard. La largeur des coussinets de butée est majorée afin de rétablir le jeu axial du vilebrequin.

Flasques de butée

L'épaisseur de paroi ajoutée à la largeur des coussinets correspond à 2 flasques de butée. Par ex. en cote réparation 0,50 mm, chaque flasque de butée est plus épaisse de 0,25 mm que le modèle standard.

- 8 Épaisseur de paroi des coussinets
Les cotes indiquées sont les dimensions nominales (cote standard) et se rapportent aux coussinets, bagues et flasques de butée prêts à être montés. En cotes réparation, l'épaisseur de paroi est supérieure de la moitié respective de la cote minorée indiquée.
- 9 Emplacement
Le chiffre indiqué précise l'emplacement des coussinets. La numérotation de l'emplacement du coussinet est conforme aux indications du motoriste.
- 10 Jeu de montage des coussinets
Les motoristes peuvent être amenés à réduire le jeu des coussinets pour diminuer les bruits de fonctionnement. Dans ce cas, il est possible qu'il y ait des différences par rapport au jeu spécifié. En l'absence d'autres informations, nous recommandons de respecter un jeu moyen dans le sens de la charge d'env. 1 ‰ du diamètre du maneton.
- 11 Matériau des coussinets
- 12 Cotes réparation
Comme spécifié dans le catalogue, les coussinets sont fournis en cotes standard et en cotes minorées qui sont conformes aux cotes autorisées par les motoristes. Nous sommes également en mesure de fabriquer et de fournir d'autres cotes sur demande.

- 13 Référence du coussinet (pièce) **029 LB 18192 300**
Identifiant du constructeur **029** xx xxxxx xxx automobile
par ex. « 029 » pour Volkswagen
Type de coussinet xxx **LB** xxxxx xxx
Numéro d'ordre xxx xx **18192** xxx
Cotes standard ou xxx xx xxxxx **300**
cotes réparation
par ex. « 300 » pour semi-standard
Marquage de la pièce :
14 Type de coussinet + numéro d'ordre
Quantité
Nombre de coussinets (nombre de paires pour les demi-coussinets ou nombre d'unités pour les flasques de butée et les bagues) compris dans le jeu. Un jeu est composé des pièces nécessaires pour un moteur.
- 15 Référence du jeu **029 PS 18146 000**
Identifiant du constructeur **029** xx xxxxx xxx automobile
Types de coussinets xxx **PS** xxxxx xxx
AS = Jeu de flasques de butée
BS = Jeu de bagues d'axe de piston
HS = Jeu de coussinets de palier
KS = Jeu de bagues de culbuteur
LS = Jeu de bagues de paliers
NS = Jeu de douilles d'arbre à cames
PS = Jeu de coussinets de bielle
Numéro d'ordre xxx xx **18146** xxx
Cotes standard ou xxx xx xxxxx **000**
cotes réparation
par ex. « 000 » pour standard

Ne manquez pas de lire les notes de bas de page : elles contiennent des informations complémentaires ou signalent des particularités.

Identification des coussinets en cotes semi

Numéro	300	310	311	312	313	314	315
Alésable de		0,50	0,75	1,00	1,50	2,00	2,50
à	0,00	0,00	0,00	0,00	0,00	0,00	0,00

Identification des cotes en pouces

Numéro	200	202	207	205	210	215	220	225	230	240	245	250	260	270	275
Pouces	.000	.0025	.0075	.005	.010	.015	.020	.025	.030	.040	.045	.050	.060	.070	.075
mm	0,000	0,064	0,191	0,127	0,254	0,381	0,508	0,635	0,762	1,016	1,127	1,270	1,524	1,778	1,905

En cas de commande, veuillez noter que seuls les produits dont la référence complète est imprimée en caractères gras dans la colonne 13 ou 15 sont disponibles à la commande.

Abréviations

Moteurs/véhicules	
Carburants	
Benzin	Carburant : essence
Diesel	Carburant : gazole
Gas	Carburant : gaz
Types de moteur	
B	Boxer (moteur à cylindres opposés)
Kompressor	Compresseur mécanique
R	Moteur avec cylindres en ligne
Motor	Moteur monocylindrique
V	Moteur avec cylindres en V
VR	Moteur en VR
W	Moteur en W
Carburantion	
Vergaser	Carburateur
Refroidissements	
luftgekühlt	Par air
wassergekühlt	Par eau
Suralimentations	
LLK	Refroidissement de l'air de suralimentation
Turbo	Suralimentation
Catalyseur	
Katalysator	Catalyseur
Particularités du moteur	
... Ventile	... soupapes/cylindre
Pleuellänge ... mm	Longueur des bielles en mm
Remarques	
3-Loch	3 œilletons de fixation
4-Loch	4 œilletons de fixation

Coussinets	
Désignation des pièces	
AL	Flasque de butée
BB	Bague d'axe de piston
FL	Coussinet de butée
HL	Coussinet de palier
KB	Bague de culbuteur
LB	Bague de palier, par ex. pour arbre intermédiaire
NB	Douille d'arbre à cames
PL	Coussinet de bielle
Désignation des jeux	
AS	Jeu de flasques de butée
BS	Jeu de bagues d'axe de piston
HS	Jeu de coussinets de palier
KS	Jeu de bagues de culbuteur
LS	Jeu de bagues de paliers
NS	Jeu de douilles d'arbre à cames
PS	Jeu de coussinets de bielle
Stade d'usinage	
Semi	Ébauche (cf. § Structure des pages)

Recommandations importantes

Les numéros de pièces d'origine des constructeurs automobiles et des motoristes ne sont fournis qu'à des fins de comparaison interne et ne constituent pas une appellation d'origine ou une désignation de provenance. À ce titre, ils ne peuvent être utilisés à l'endroit des propriétaires des véhicules.

La composition et l'impression de ce catalogue s'étalent sur plusieurs semaines. Il est donc probable que les dernières nouveautés n'y apparaissent pas. Il est également possible que le produit ait été modifié au cours de la production en série. Il est important de nous consulter ou de consulter notre partenaire de distribution.

Nos produits doivent être uniquement installés ou remplacés par du personnel spécialisé.

Les informations qui figurent dans ce catalogue sont traitées avec soin, nous déclinons toute responsabilité pour toute erreur éventuelle.

Cette réserve s'applique également si les désignations des moteurs et des modèles ainsi que les produits ont été modifiés par les constructeurs.

Ce catalogue annule et remplace les éditions précédentes. Tous droits réservés. Toute reproduction, même partielle, est soumise à l'autorisation écrite préalable de MAHLE, sous peine de poursuites.



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**EL PROGRAMA COMPLETO TAMBIÉN
ESTÁ DISPONIBLE EN INTERNET EN
WWW.MAHLE-AFTERMARKET.COM**



Otros catálogos

MAHLE Aftermarket ofrece las siguientes obras de consulta:

- Pistones, cilindros, conjuntos
- Juegos de segmentos de pistón
- Cojinetes
- Componentes para accionamiento de válvulas
- Línea clásica MAHLE
- Filtros para turismos y vehículos de transporte
- Filtros para camiones, autobuses y vehículos de transporte
- Filtros para maquinaria agrícola y de construcción y para otros motores
- Filtros para motocicletas
- Lista comparativa de filtros
- Termostatos para turismos, vehículos de transporte, autobuses y camiones
- Turbocompresores para turismos, vehículos de transporte, autobuses y camiones
- Alternadores y motores de arranque para camiones y autobuses
- Alternadores y motores de arranque para maquinaria agrícola y de construcción y otros motores
- Motores eléctricos

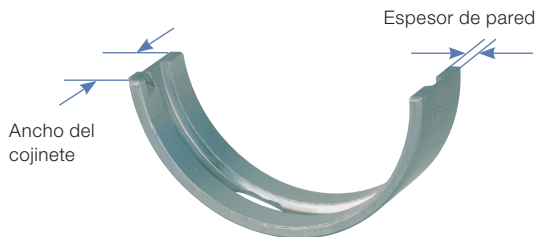
Encontrará la gama completa de productos en nuestro CD-ROM o, con unos clics, en www.mahle-aftermarket.com. Además, toda la información sobre los productos de MAHLE Aftermarket también está disponible en TecDoc.

Tipos de cojinete

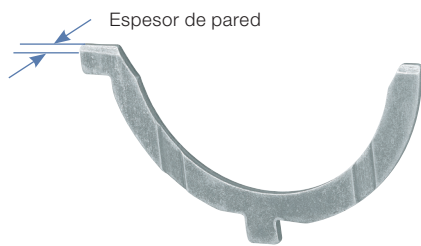
Semicojinetes

HL Cojinete de bancada

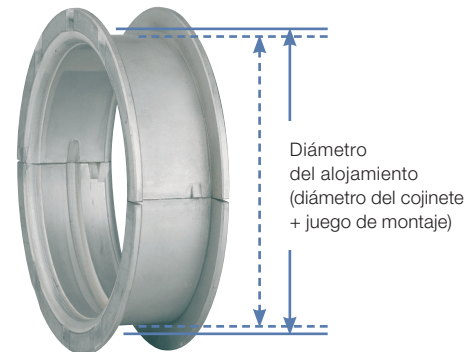
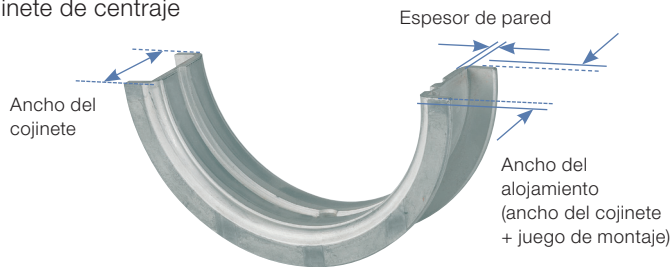
PL Cojinete para cabeza de biela



AL Arandela de empuje



FL Cojinete de centraje



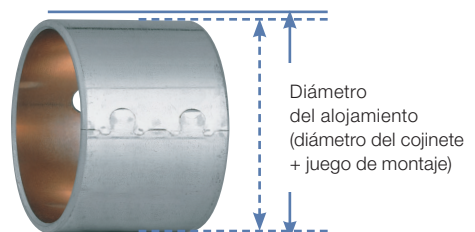
Casquillos de cojinetes

BB Casquillo para el pie de biela

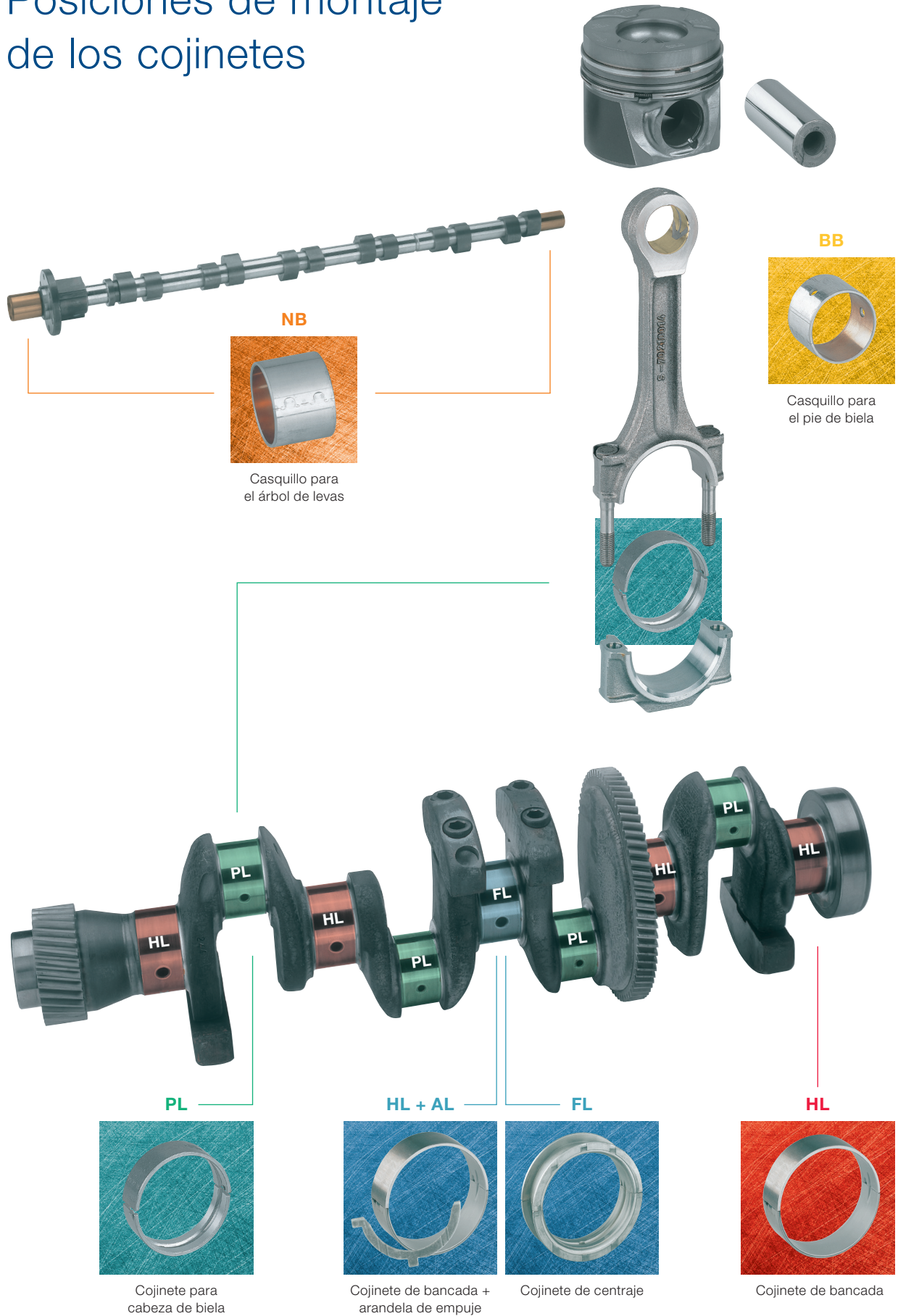
KB Casquillo para balancín

LB Casquillo de cojinete

NB Casquillo para el árbol de levas



Posiciones de montaje de los cojinetes



Tipos y materiales

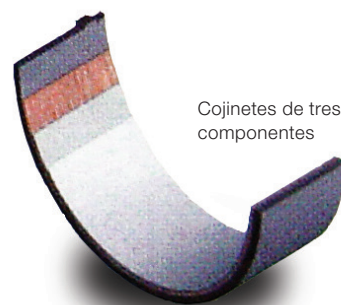
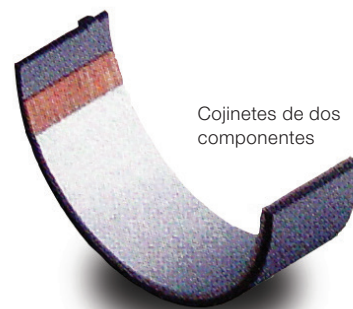
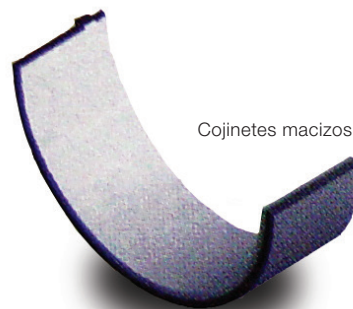
Tipos

Cojinetes macizos están compuestos en su totalidad por metal antifricción. A menudo se emplean aleaciones especiales de bronce. La mayoría de los cojinetes macizos son casquillos.

Cojinetes de dos componentes poseen una estructura de acero, una capa intermedia y una capa de material antifricción. Principalmente se utilizan aleaciones de aluminio como metal antifricción. Los cojinetes de dos componentes se emplean en motores de gasolina y diésel aspirados, sometidos a cargas que oscilan de bajas hasta medias.

Cojinetes de tres componentes están compuestos por la estructura de acero, una capa de rodamiento, una capa barrera y la capa de deslizamiento. En los motores sometidos a altas cargas se utilizan principalmente cojinetes de tres componentes. El **cojinete tipo Sputter** es también un cojinete de tres componentes. Gracias al proceso especial de fabricación (bombardeo iónico), estos cojinetes tienen una dureza y resistencia al desgaste superiores. Por este motivo, dichos cojinetes están especialmente indicados para su empleo en motores de alta carga con refrigeración por aire de sobrealimentación. Los cojinetes Sputter se utilizan en los motores para vehículos de carga y también, cada vez más, en motores diésel para turismos.

En la mayoría de los casos, todos los tipos de cojinetes se protegen adicionalmente contra la corrosión mediante una capa de estaño aplicada por galvanizado.





Materiales

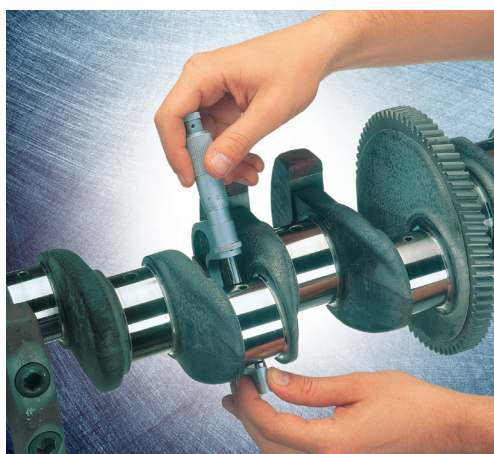
Los cojinetes MAHLE están compuestos, según su aplicación, por una estructura de acero altamente resistente, revestida por varias capas de distintos metales antifricción. Los materiales de los cojinetes se seleccionan de forma que las propiedades positivas de los diferentes materiales se complementen y sean óptimos para cada caso concreto de aplicación.

El desarrollo del material juega un papel clave en la consecución de las exigencias actuales y futuras. Gracias a su experiencia y sus actividades de desarrollo, MAHLE dispone de multitud de aleaciones de alta calidad para cojinetes. Entre otras, las aleaciones de aluminio y bronce.

Material	Metales en %							Capa de deslizamiento
	Cu	Al	Si	Pb	Sn	Sb	Otros	
M 1	3				89	8		
M 5	80			10	10			
M 7	73			23	4			
M 10	89			1	10	15	0,5	
M 11	0,5			74	10	15	1	
M 23				83	1			
M 30	70			30				
M 31	70			30				P 77
M 83	1	91	1					P 77
M 100	80			10	10			
M 114	78			20	2			P 77, P 80, P94
M 157	1	79			20			
M 172	2	81			17			
M 183	2	91	2					P 77, P 80
M 215	2	83	4		11			
M 218	2	83	4		11			
M 221	85			2	11,5			
M 222	83			7	7			
M 250	73			23	4			
M 330	78			20	2			AlSn-Sputter
M 331	75			23	2			AlSn 40Cu-Sputter
M 770	74			25	1			
M 780	78			20	2			P 77
M 790	72			23	3,5			
M 800	74			20	2			P 77
M 810	0,8	87	3		9		0,2	
M 817	1	80,3		1,7	17			
M 900	75			23	2			Q1
M 901	75			23	2			P 77, P 78, P 80
M 902				83	6	10		
M 916	1	79			20		0,3	
M 920	1	90	2		6		1	

Consejos de montaje

1. Durante el desmontaje del motor, deberán marcarse las piezas que van aparejadas.
2. Durante el desmontaje del cigüeñal no deberá dañarse ninguna pieza. A continuación, las piezas deberán limpiarse cuidadosamente (impurezas y residuos son la razón más frecuente de daños en los cojinetes), poniendo especial atención al circuito de aceite del bloque-motor así como al cigüeñal.
3. Control de las piezas



Se deberán controlar los alojamientos básicos y la muñequilla del cigüeñal (superficie, radios y agujeros de salida de aceite) en cuanto a sus medidas, así como a la redondez, la dureza, la rugosidad y la cilindricidad. También deberá ponerse atención para detectar posibles daños.

En las bielas deberá controlarse el paralelismo entre los ejes de cabeza y pie y, también, una posible torsión

Básicamente deberán tenerse siempre en cuenta las prescripciones y los datos del fabricante del motor.

4. La forma del alojamiento en la cabeza de la biela tiene una gran influencia sobre la vida útil del cojinete. Por eso, el rectificado de su alojamiento solo podrá llevarse a cabo después de haber apretado los pernos o tuercas de

sujeción, de acuerdo con las prescripciones de apriete del fabricante del motor.

Antes del montaje definitivo –efectuar primero un montaje de control– deben limpiarse los asientos y eliminar el conservante de los nuevos cojinetes. Con el fin de evitar daños como consecuencia de un rodaje en seco, durante el montaje de los cojinetes deben lubricarse las superficies de deslizamiento con aceite de motor limpio.

En caso de pares de cojinetes que estén compuestos de diferentes materiales, se deberá tener cuidado de llevar a cabo un montaje correcto. Para ello, dichos cojinetes están marcados en el dorso con las indicaciones “upper” (arriba) o “lower” (abajo). Esto significa que el semicojinete marcado con “upper” deberá montarse arriba (en el cuerpo de la biela) y el indicado con “lower”, abajo (en la tapa).

Después de un posicionamiento correcto de los cojinetes, los pernos o tuercas de sujeción de la tapa deberán apretarse según las prescripciones. A continuación, deberá medirse el diámetro interior del cojinete en 3 planos de la biela (una medición, en la dirección de la sollicitación).

5. Antes del montaje del cojinete de centraje, deberá medirse la diferencia entre las caras laterales de las muñequillas del cigüeñal y el ancho total del cojinete de centraje.

Durante el montaje, compruebe si el cigüeñal gira libremente y sin movimientos bruscos, controlando al mismo tiempo el juego axial del mismo. Durante la comprobación del juego axial de la biela, preste atención a la existencia de una ligera movilidad de desplazamiento de la misma.

Básicamente, deberán tenerse siempre en cuenta las prescripciones válidas y los datos del fabricante del motor.

La mayor seguridad, incluso desde el envase

Los componentes de motor de MAHLE Original están entre los productos más deseados del mercado del recambio para automóviles, y esto es así también para los falsificadores. Por esta razón, se protegen desde hace muchos años por medio de costosos embalajes y etiquetas de seguridad. Ahora damos un paso más en nuestra inversión a favor de la seguridad contra las falsificaciones y gradualmente iremos dotando a todos los embalajes para componentes de motor MAHLE Original con la nueva etiqueta de seguridad.

¿Contenido original? ¡Solo si el precinto Security Strip está intacto!

Únicamente cuando el embalaje está en perfecto estado y cuando el Security Strip está intacto, puede usted estar seguro de que en el envase realmente se encuentran las piezas de motor MAHLE indicadas. Al desembalar y manejar las piezas tenga mucho cuidado de que no se dañen las piezas más delicadas.

La nueva etiqueta de seguridad MAHLE

Mediante la combinación del código MAPP y VeoMark se puede lograr un nivel máximo de seguridad contra las falsificaciones.



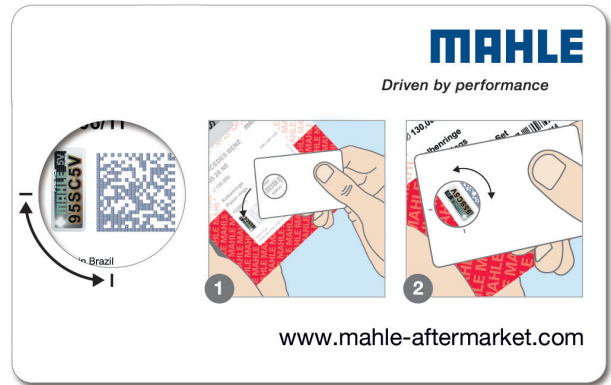
SECURITY STRIP

Security Strip

Este sello permite saber de inmediato si el embalaje fue abierto alguna vez.

¿Embalaje original? ¡Solo con la auténtica etiqueta de seguridad!

La nueva etiqueta de seguridad MAHLE contiene una combinación de varias características de seguridad que, en conjunto, ofrece una protección máxima contra la falsificación. Mediante estos datos, usted podrá comprobar rápidamente si se trata de un envase original de MAHLE o de una falsificación.



¿Original o copia? El filtro especial le dará la respuesta. Puede obtenerlo a través de su distribuidor.

La nueva etiqueta de seguridad MAHLE



GTIN Código aleatorio
Código MAPP (texto)
Código MAPP (en forma de matriz de datos bidimensional)



VeoMark

- 1 Estrella HDI (High Definition Image o imagen de alta definición) para una protección anticopia de alta resolución
- 2 Logotipo de MAHLE de brillo irisado (se ve mejor si se orienta el VeoMark hacia una fuente de luz artificial directa)
- 3 LensCode (= los 2 últimos dígitos del código aleatorio): visible con el filtro especial
- 4 Número de serie (negro, contornos de brillo irisado): coincide con los 6 últimos dígitos del código aleatorio

La verificación de un vistazo

Compare los números del código aleatorio con los datos en el VeoMark:



- ¿Coinciden los 6 últimos dígitos con el número de serie en el VeoMark?
- ¿Coinciden los 2 últimos dígitos con el LensCode? Este es visible colocando encima el filtro especial que se suministra y girándolo convenientemente.

La comprobación online

En www.mahle-aftermarket.com puede comprobar si el código impreso es válido:

- Escanee la matriz de datos 2D (código MAPP) con el escáner de código de barras 2D.
- Como alternativa: introduzca manualmente en las celdas especificadas las dos líneas del código MAPP, es decir, el GTIN y el código aleatorio (incl. paréntesis, pero no espacios ni salto de línea).

El resultado de la comprobación de datos aparecerá en pocos segundos.

Configuración de las páginas y las referencias

1 AUDI		MAHLE														
2 Ø 81		5	6	7	8	9	10	11	12	13	14	15	37	3		
4	1B R 5 Benzin, 2226 cm³, 147 kW (200 PS) Turbo 200 01/1983...11/1999	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	6	029 HS 18815 000 025 050 075				
	AAN, ABY R 5 Benzin, 2226 cm³, 169 kW (230 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	5	029 HS 18819 000 025 050 075				
	ADU R 5 Benzin, 2226 cm³, 232 kW (316 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750	FL 18818 1)	1					
	RR R 5 Benzin, 2226 cm³, 162 kW (220 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000				
		63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2					
		20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300				
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300 8)	1	029 LS 18190 000 300				
		41,959 41,975	45,000 45,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18192 000 300	1					

- 1 Fabricante
- 2 Diámetro nominal del cilindro
- 3 Número de índice
- 4 Descripción del motor
Datos del motor
Vehículos
Año de construcción

- 5 Diámetro del eje
Las medidas especifican en cada caso el valor máximo y mínimo del diámetro del eje en su medida estándar. En caso de un mecanizado, solo son válidas las indicaciones prescritas por el fabricante del motor correspondiente. Atención: El mecanizado para conseguir medidas inferiores a las autorizadas por el fabricante del motor, puede dar lugar a daños en el motor. En este caso, no asumimos ninguna responsabilidad por los daños y nuestra garantía no tendrá validez.

- 6 Diámetro del alojamiento en bancada y en cabeza de biela
Se especifican en cada caso las medidas mínima y máxima conocidas del diámetro o del alojamiento en bancada y en cabeza de biela. La medición solo se podrá llevar a cabo después de haber apretado los

pernos o las tuercas con el par de apriete prescrito por el fabricante del motor y/o según la norma de apriete correspondiente. En caso de que se puedan suministrar sobremedidas de diámetro exterior, ello se indica en el apartado correspondiente para cojinete individual del catálogo.

- 7 Ancho del cojinete
Las medidas indicadas son medidas nominales sin indicación de tolerancias para la anchura máxima del cojinete (medida estándar).

Cojinete de centrado
Si en el cigüeñal han de rectificarse las caras laterales del apoyo, los cojinetes de centrado deberán ser más anchos que la medida estándar. Estos cojinetes de centrado, por lo tanto, tienen una sobremedida en anchura, para poder volver a recuperar el juego axial correcto del cigüeñal.

Arandela de empuje
La sobremedida de espesor de pared para la anchura del cojinete hace referencia en cada caso a 2 arandelas, por ejemplo, para una medida inferior de 0,5 mm del cojinete, la arandela individual es 0,25 mm más gruesa que la versión estándar.

- 8 Espesor de pared del cojinete
Las medidas indicadas son medidas nominales para el espesor de pared (medida estándar) y hacen referencia a cojinetes, casquillos y arandelas de empuje listos para su montaje. En caso de dimensiones inferiores a las especificadas, el espesor de pared se incrementa en la mitad de esta medida indicada.
- 9 Posición de montaje
El número indicado especifica la posición funcional del cojinete en el motor. La numeración de la posición de montaje del cojinete se realiza según las especificaciones del fabricante del motor.
- 10 Juego de montaje del cojinete
El juego de montaje del cojinete puede ser reducido por el fabricante del motor por razones de ruido. Por este motivo, es posible encontrar diferencias con los juegos de cojinetes indicados. En caso de que no existan indicaciones contrarias, recomendamos mantener un juego de montaje del cojinete medio de aproximadamente el 1 % del diámetro del eje en dirección de la solicitud.
- 11 Material de los cojinetes
- 12 Grupos de medidas para la reparación
Tal y como se describe en el catálogo, los cojinetes se suministran tanto en dimensiones estándar como también en medidas menores, que corresponden a los grupos de medidas homologados por los fabricantes de motores. Además, si lo desea el cliente, podemos fabricar y suministrar grupos de medidas adicionales.

- 13 Referencia para piezas individuales **029 LB 18192 300**
Referencia del fabricante **029** xx xxxxx xxx
de automóviles
p. ej.: "029" para Volkswagen
Tipo de cojinete xxx **LB** xxxxx xxx
Número correlativo xxx xx **18192** xxx
Grupos de medidas xxx xx xxxxx **300**
p. ej.: "300" para estándar semiacabados
Referencia de la pieza individual:
- 14 Tipo de cojinete + número correlativo
Cantidad
En esta columna se indica la cantidad de cojinetes (en pares, en caso de semicojinetes, o en unidades, en caso de arandelas de empuje o de casquillos), que están incluidos en el juego de cojinetes. En un juego de cojinetes se incluyen las piezas necesarias para un motor.
- 15 Referencia del juego **029 PS 18146 000**
Referencia del fabricante **029** xx xxxxx xxx
de automóviles
Tipo de cojinete xxx **PS** xxxxx xxx
AS = Juego de arandelas de empuje
BS = Juego de casquillos para el pie de biela
HS = Juego de cojinetes de bancada
KS = Juego de casquillos para balancín
LS = Juego de casquillos de cojinete
NS = Juego de casquillos del árbol de levas
PS = Juego de cojinetes para cabeza de biela
Número correlativo xxx xx **18146** xxx
Grupos de medidas xxx xx xxxxx **000**
p. ej.: "000" para estándar

Indicaciones adicionales o aspectos especiales a tener en cuenta pueden encontrarse en el pie de página.

Identificación de los grupos de medida de semiacabados

Número	300	310	311	312	313	314	315
Rectificar desde		0,50	0,75	1,00	1,50	2,00	2,50
hasta	0,00	0,00	0,00	0,00	0,00	0,00	0,00

Identificación de los grupos de medidas en pulgadas

Número	200	202	207	205	210	215	220	225	230	240	245	250	260	270	275
Pulgadas	.000	.0025	.0075	.005	.010	.015	.020	.025	.030	.040	.045	.050	.060	.070	.075
mm	0,000	0,064	0,191	0,127	0,254	0,381	0,508	0,635	0,762	1,016	1,127	1,270	1,524	1,778	1,905

Por favor, al realizar pedidos tenga en cuenta: únicamente pueden realizarse pedidos con las referencias de las columnas 13 o 15 resaltadas en negrita.

Abreviaciones

Motores/vehículos	
Combustibles	
Benzin	Combustible: gasolina
Diesel	Combustible: diésel
Gas	Combustible: gas
Tipos de motor	
B	Motor de cilindros opuestos
Kompressor	Compresor
R	Motor en línea
Motor	Monocilíndrico
V	Motor en V
VR	Motor en VR
W	Motor en W
Preparaciones de mezcla	
Vergaser	Carburador
Refrigerantes	
luftgekühlt	Refrigerado por aire
wassergekühlt	Refrigerado por agua
Cargas	
LLK	Intercooler
Turbo	Sobrealimentación
Catalizadores	
Katalysator	Catalizador
Características del motor	
... Ventile	... válvulas/cilindro
Pleuellänge ... mm	Longitud de biela en mm
Observaciones	
3-Loch	Fijación de 3 agujeros
4-Loch	Fijación de 4 agujeros

Cojinetes	
Denominación de piezas individuales	
AL	Arandela de empuje
BB	Casquillo para el pie de biela
FL	Cojinete de centraje
HL	Cojinete de bancada
KB	Casquillo para balancín
LB	Casquillo de cojinete, por ejemplo para el árbol intermedio
NB	Casquillo para el árbol de levas
PL	Cojinete para cabeza de biela
Denominación de juegos	
AS	Juego de arandelas de empuje
BS	Juego de casquillos para el pie de biela
HS	Juego de cojinetes de bancada
KS	Juego de casquillos para balancín
LS	Juego de casquillos de cojinete
NS	Juego de casquillos del árbol de levas
PS	Juego de cojinetes para cabeza de biela
Estado de elaboración	
Semi	Semiacabado, véase explicación en "Configuración de las páginas"

Informaciones importantes

Los números de referencia de los constructores de vehículos y motores figuran únicamente para facilitar la comparación. No indican el origen de la pieza y no se pueden utilizar de cara a los propietarios de los vehículos.

La composición y la impresión de este catálogo se extienden a lo largo varias semanas. Por esta razón, puede no incluir los últimos productos aparecidos. También es posible que, mientras tanto, algún producto haya sufrido alguna modificación durante la producción en serie. Siempre es conveniente consultar con nosotros o con nuestros distribuidores.

Nuestros productos deberán ser montados exclusivamente por personal cualificado.

Los datos de este catálogo se han elaborado cuidadosamente, pero sin compromiso. No garantizamos la corrección de los datos.

A esta reserva también están sujetas las modificaciones de referencias del motor, del modelo y de los productos por parte de los fabricantes.

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Informazioni tecniche

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Punti di montaggio dei cuscinetti	Pagina	60
Tipologie e materiali	Pagina	61–62
Raccomandazioni per il montaggio	Pagina	63

Confezione, etichetta di sicurezza, Security Strip	Pagina	64–65
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Come utilizzare il catalogo

Struttura della pagina e suddivisione dei codici articolo	Pagina	66–67
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Indice delle abbreviazioni/avvertenze importanti	Pagina	68–69
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Prospetto motori	Pagina	127–183
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Sezione prodotti	Pagina	184–728
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Elenchi comparativi

Misure di distanza delle spalle	Pagina	729
Parte singola → set	Pagina	730–733
Set → parte singola	Pagina	734–737
Programma cuscinetti, ordinati in base al codice articolo	Pagina	738–769

DE Zu diesem Katalog	Seite	1–13
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EN About this catalogue	Page	15–27
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FR Informations concernant ce catalogue	Page	29–41
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ES Acerca de este catálogo	Página	43–55
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IT Su questo catalogo	Pagina	57–69
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PL Informacje o niniejszym katalogu	Strona	71–83
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RU Информация о каталоге	Страница	85–97
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TR Bu katalog hakkında	Sayfa	99–111
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AR حول هذا الكatalog	الصفحة	125–113
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**L'ASSORTIMENTO COMPLETO È VISUALIZZABILE
ANCHE IN INTERNET ALL'INDIRIZZO
WWW.MAHLE-AFTERMARKET.COM**



Altri cataloghi

Di MAHLE Aftermarket sono disponibili i seguenti cataloghi:

- Pistoni/canne cilindro/gruppi canna-pistone
- Kit anelli di tenuta
- Bronzine
- Componenti distribuzione
- Linea Classica MAHLE
- Filtri per autovetture e furgoni
- Filtri per furgoni, autocarri e autobus
- Filtri per mezzi agricoli, edili e motori stazionari
- Filtri per motociclette
- Lista comparativa dei filtri
- Termostati per autovetture, furgoni, autocarri e autobus
- Turbocompressori per autovetture, furgoni, autocarri e autobus
- Alternatori e motorini d'avviamento per mezzi pesanti e autobus
- Alternatori e motorini d'avviamento per mezzi agricoli, edili e motori stazionari
- Motori elettrici

Il programma completo dei prodotti è disponibile sul nostro CD-ROM oppure all'indirizzo www.mahle-aftermarket.com. Inoltre i dati relativi all'intera gamma di prodotti MAHLE Aftermarket sono disponibili anche su TecDoc.

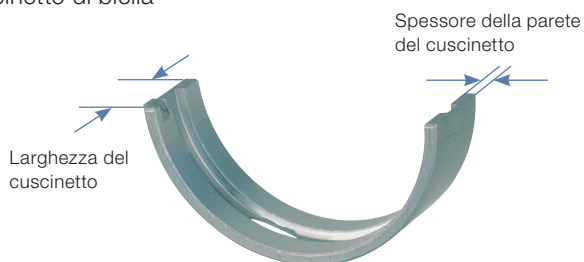


Tipi di cuscinetto

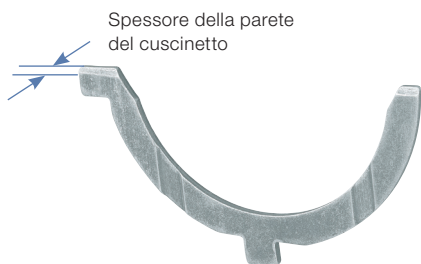
Semi-cuscinetti

HL Cuscinetto di banco

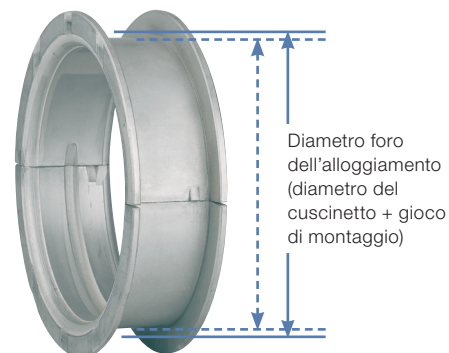
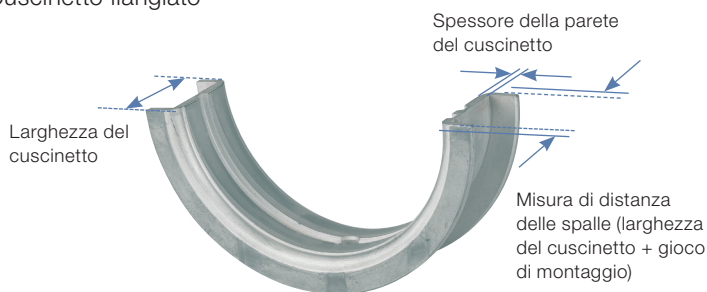
PL Cuscinetto di biella



AL Semi-anello di spallamento



FL Cuscinetto flangiato



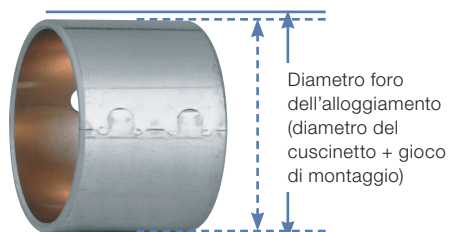
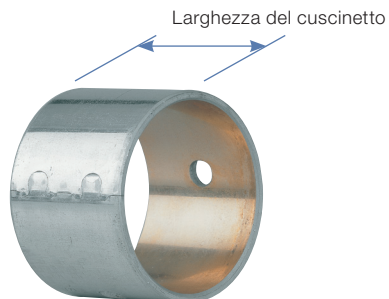
Boccole

BB Boccola dello spinotto

KB Boccola del comando a bilanciere

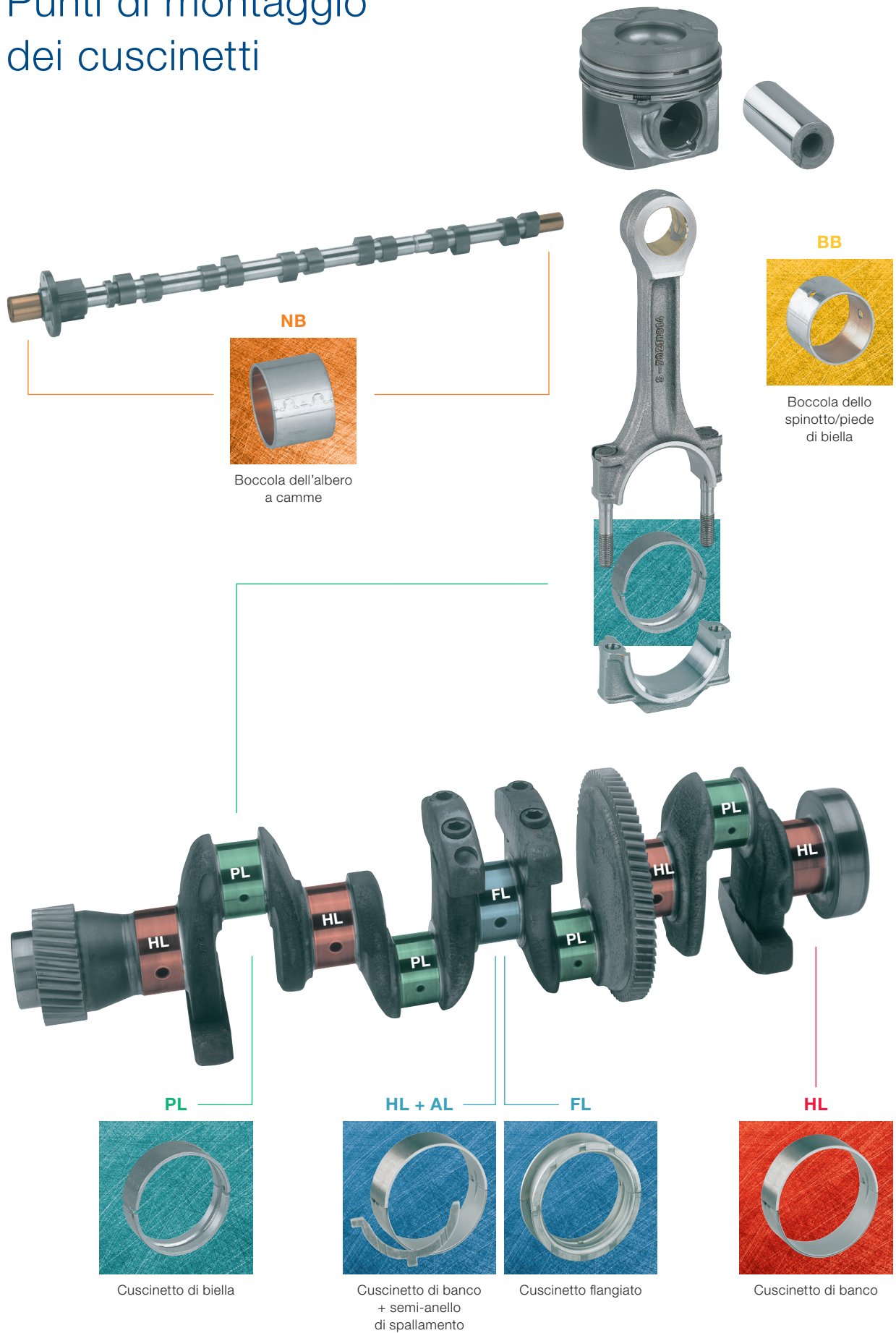
LB Boccola

NB Boccola dell'albero a camme



italiano

Punti di montaggio dei cuscinetti



Tipologie e materiali

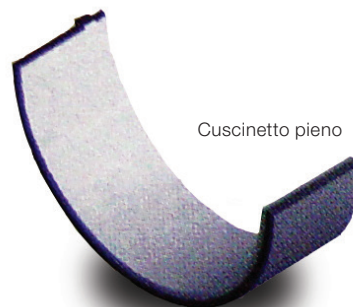
Tipi

I **cuscinetti pieni** sono composti interamente in metallo antifrizione. Frequentemente vengono impiegate anche delle leghe di bronzo. La maggior parte dei cuscinetti pieni sono boccole.

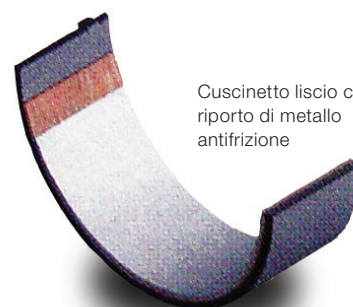
I **cuscinetti lisci con riporto di metallo antifrizione** sono composti dal guscio con puntello in acciaio, da uno strato intermedio e da uno strato di metallo antifrizione. Come metallo antifrizione vengono prevalentemente impiegate delle leghe in alluminio. I cuscinetti lisci con riporto di metallo antifrizione trovano impiego nei motori aspirati a ciclo Otto e a ciclo diesel del settore delle autovetture, sottoposti a carichi medio-bassi.

I **cuscinetti lisci trimetallici** sono composti dal guscio con puntello in acciaio, da uno strato di scorrimento, da uno strato anticorrosione e da uno strato antifrizione. Nei motori soggetti a forti sollecitazioni vengono prevalentemente utilizzati cuscinetti lisci trimetallici. Anche il **cuscinetto sputter** è un cuscinetto liscio trimetallico. Grazie allo speciale procedimento di produzione (sputter), questi cuscinetti possiedono un maggior grado di durezza e una maggiore resistenza all'usura. Ecco perché sono particolarmente adatti a motori sovralimentati con raffreddamento dell'aria di alimentazione. Dopo essere stati utilizzati in prevalenza nei motori per camion, i cuscinetti sputter trovano sempre maggiore impiego anche nei motori diesel per normali autovetture.

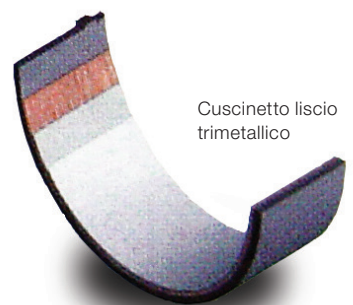
Nella maggior parte dei casi, su tutti i tipi di costruzione dei cuscinetti viene applicato tramite procedimento galvanico un ulteriore strato di stagno che serve a proteggerli dalla corrosione.



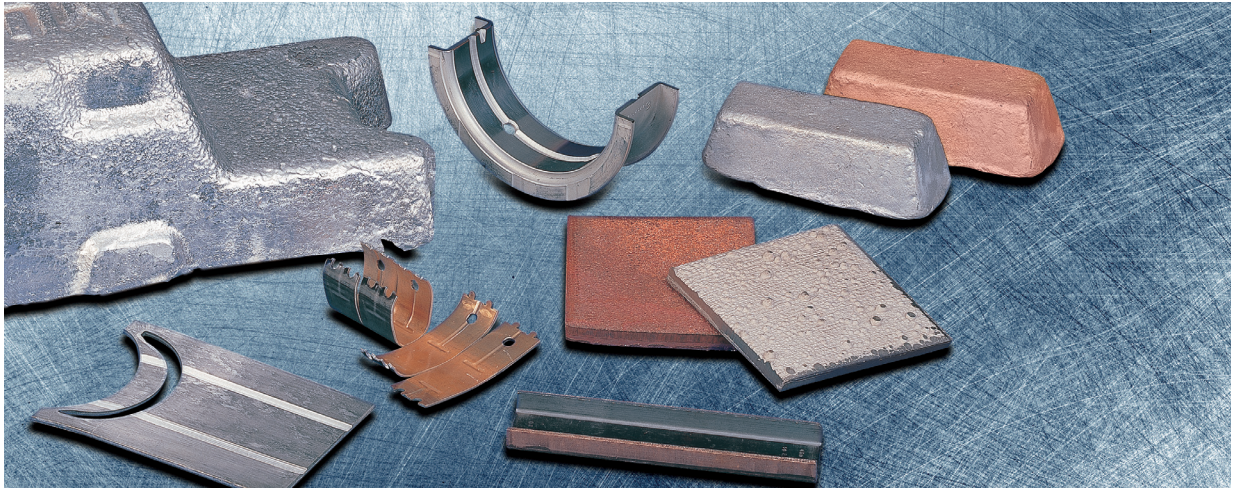
Cuscinetto pieno



Cuscinetto liscio con riporto di metallo antifrizione



Cuscinetto liscio trimetallico



Materiali

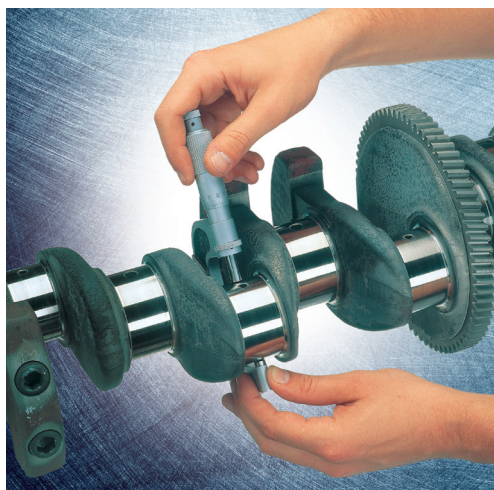
A seconda del tipo di applicazione, i cuscinetti radenti MAHLE sono composti da un guscio con puntello in acciaio ad alta resistenza, rivestito da una serie di diverse leghe metalliche. I materiali per i cuscinetti vengono selezionati in modo tale da far sì che le caratteristiche positive dei diversi materiali si completino a vicenda e che risultino ottimali per i rispettivi casi di applicazione.

Lo sviluppo del materiale rappresenta un ruolo chiave per soddisfare le richieste attuali e future. In virtù della sua pluriennale esperienza e delle attività di sviluppo, la MAHLE dispone di una molteplicità di leghe di alta qualità per i cuscinetti. Tra le altre, vi sono anche leghe in alluminio e in bronzo.

Materiale	Metalli in %							Strato antifrizione
	Cu	Al	Si	Pb	Sn	Sb	Altri	
M 1	3				89	8		
M 5	80			10	10			
M 7	73			23	4			
M 10	89			1	10	15	0,5	
M 11	0,5			74	10	15	1	
M 23				83	1			
M 30	70			30				
M 31	70			30				P 77
M 83	1	91	1					P 77
M 100	80			10	10			
M 114	78			20	2			P 77, P 80, P94
M 157	1	79			20			
M 172	2	81			17			
M 183	2	91	2					P 77, P 80
M 215	2	83	4		11			
M 218	2	83	4		11			
M 221	85			2	11,5			
M 222	83			7	7			
M 250	73			23	4			
M 330	78			20	2			AlSn-Sputter
M 331	75			23	2			AlSn 40Cu-Sputter
M 770	74			25	1			
M 780	78			20	2			P 77
M 790	72			23	3,5			
M 800	74			20	2			P 77
M 810	0,8	87	3		9		0,2	
M 817	1	80,3		1,7	17			
M 900	75			23	2			Q1
M 901	75			23	2			P 77, P 78, P 80
M 902				83	6	10		
M 916	1	79			20		0,3	
M 920	1	90	2		6		1	

Raccomandazioni per il montaggio

1. Durante la fase di smontaggio del motore i componenti accoppiati devono essere contrassegnati.
2. Al momento dello smontaggio dell'albero a gomiti prestare attenzione affinché i componenti non vengano danneggiati. Le parti smontate devono essere accuratamente pulite. Le cause più frequenti che provocano danni ai cuscinetti sono appunto le impurità. Ecco perché è necessario pulire accuratamente tutte le parti del circuito dell'olio, soprattutto i canali dell'olio del blocco motore e dell'albero a gomiti.
3. Il controllo delle parti



Gli alesaggi di base e i perni di manovella (superficie, raggi e alesaggi per la fuoriuscita dell'olio) devono essere controllati riguardo a misure, rotondità, durezza, rugosità e cilindricità. Verificare che non vi siano danni.

Controllare che le bielle non presentino curvature e torsioni.

Attenersi sempre alle rispettive prescrizioni e ai dati forniti dal produttore del motore.

4. La forma dell'alloggiamento influisce notevolmente sulla durata dei cuscinetti radenti. Per questo motivo la lavorazione del foro dell'alloggiamento deve avere luogo solo in seguito al

serraggio delle viti seguendo le prescrizioni di serraggio indicate dal produttore del motore.

Prima di eseguire il montaggio definitivo – effettuare all'occorrenza un'installazione di prova – è necessario ripulire gli alesaggi e rimuovere con cura gli imballi dei cuscinetti. Per evitare danni dovuti ad un avviamento a secco, occorre lubrificare con olio per motori le superfici di scorrimento.

Durante il montaggio prestare particolare attenzione alle coppie di cuscinetti prodotte con materiali diversi. Sulla parte posteriore di questi cuscinetti sono riportate le definizioni "upper" (sopra) oppure "lower" (sotto). I semicuscinetti radenti contrassegnati con la definizione "upper" devono essere montati sulla parte superiore dell'alloggiamento, quelli con la definizione "lower" invece sul lato inferiore (cappello).

Dopo aver posizionato correttamente i cuscinetti radenti, serrare le viti dei coperchi secondo le prescrizioni. Successivamente bisognerà misurare i diametri degli alesaggi dei cuscinetti in tre punti di misura, uno dei quali in direzione assiale.

5. Prima del montaggio del cuscinetto di guida occorre verificare la differenza di misura tra la larghezza della spalla dell'albero a gomiti e la larghezza complessiva del cuscinetto di guida.

Verificare durante la fase di montaggio che l'albero a gomiti ruoti facilmente e senza strappi e controllarne la spostabilità assiale.

Nella verifica del gioco assiale della biella, controllare che la biella si lasci spostare facilmente.

Attenersi sempre alle prescrizioni vigenti e ai dati forniti dal produttore del motore.

Giochiamo sul sicuro, anche nella confezione

I componenti motore MAHLE Original sono tra i prodotti più ricercati nel mercato dei ricambi per autoveicoli. Anche per i contraffattori. Ecco perché da molti anni li proteggiamo con confezioni ed etichette di sicurezza costose. Oggi compiamo un ulteriore passo avanti investendo nella protezione dalle contraffazioni, dotando progressivamente tutte le confezioni di componenti motore MAHLE Original di una nuova etichetta di sicurezza.

Contenuto originale? Solo se la Security Strip è integra!

Solo se la confezione è integra e la Security Strip intatta, si può essere certi che il contenuto sia effettivamente il componente motore MAHLE indicato. Nell'aprire la confezione e nelle operazioni successive, prestare attenzione a non danneggiare i delicati componenti di precisione.

La nuova etichetta di sicurezza MAHLE

Grazie alla combinazione del codice MAPP e del marchio VeoMark, offre il massimo grado di protezione dalle contraffazioni.



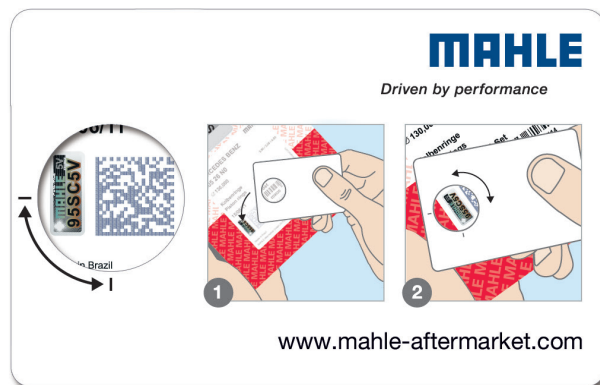
SECURITY STRIP

Security Strip

Questo sigillo rende immediatamente riconoscibile una confezione che sia già stata aperta.

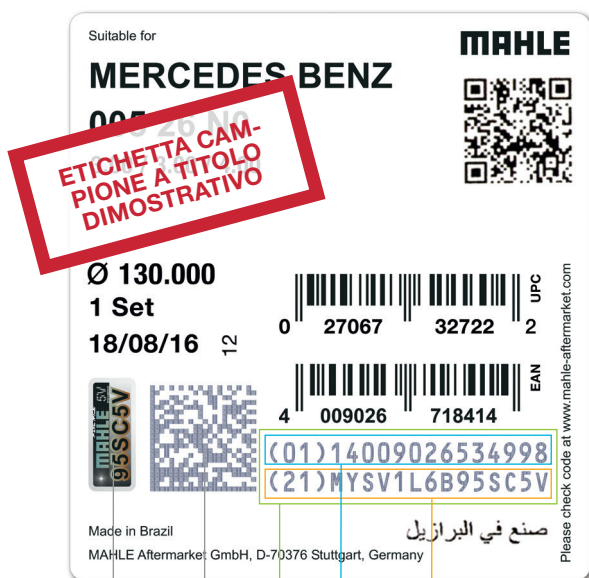
Confezione originale? Solo con una vera etichetta di sicurezza!

La nuova etichetta di sicurezza di MAHLE contiene una combinazione di vari elementi di sicurezza che, messi in relazione tra loro, offrono la massima protezione possibile dalle imitazioni. Sulla base di questi dati potrete verificare velocemente se avete in mano una confezione originale MAHLE o una contraffazione.



Prodotto originale o contraffatto: la risposta dal filtro speciale. Disponibile presso il vostro distributore.

La nuova etichetta di sicurezza MAHLE



- 1 Stella HDI (High Definition Image) per una protezione dalla copia in alta risoluzione
- 2 Il logo MAHLE iridescente (visibile al meglio tenendo il VeoMark contro la luce artificiale diretta)
- 3 LensCode (uguale alle ultime due cifre del codice random), visibile con il filtro speciale
- 4 Numero di serie (nero, col contorno iridescente), corrisponde alle ultime 6 cifre del codice random

Il controllo in un batter d'occhio

Confrontate le cifre del codice random con i dati presenti sul marchio VeoMark:



- Le ultime 6 cifre coincidono col numero di serie VeoMark?
- Le ultime 2 cifre coincidono con il LensCode? Per visualizzare questo codice, appoggiarvi sopra il filtro speciale MAHLE e ruotarlo adeguatamente.

La verifica on line

Sul sito www.mahle-aftermarket.com potrete verificare la validità del codice stampato:

- Passare allo scanner la matrice di dati 2D (codice MAPP) con un lettore di codici a barre 2D.
- In alternativa: digitare manualmente il codice MAPP, composto dal GTIN e dal codice random, negli appositi campi (incluso le parentesi, ma senza spazi e senza andare a capo).

Il risultato della verifica dei dati compare entro pochi secondi.

Struttura della pagina e suddivisione dei codici articolo

1 AUDI		MAHLE																									
2 Ø 81		5		6		7		8		9		10		11		12		13		14		15		37		3	
4	1B R 5 Benzin, 2226 cm ³ , 147 kW (200 PS) Turbo 200 01/1983...11/1999	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	6	029 HS 18815 000		025	050	075											
	AAN, ABY R 5 Benzin, 2226 cm ³ , 169 kW (230 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	5	029 HS 18819 000		025	050	075											
	ADU R 5 Benzin, 2226 cm ³ , 232 kW (316 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750	FL 18818 1)	1																
	RR R 5 Benzin, 2226 cm ³ , 162 kW (220 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000															
		63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2																
		20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300															
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	029 LS 18190 000 300															
		41,959 41,975	45,000 45,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18192 000 300	1																

1) Wangenabstandsmaße siehe Anhang
flange span see supplement

- 1 Produttore
- 2 Diametro nominale del cilindro
- 3 Numero d'indice
- 4 Denominazione del motore
Dati del motore
Autoveicoli
Anno di costruzione
- 5 Diametro del perno
Le indicazioni delle misure si riferiscono alle rispettive misure minime e massime note del diametro del perno nella sua misura standard. Per la lavorazione valgono esplicitamente le norme dei rispettivi produttori di motori. Attenzione: la lavorazione effettuata per riparazioni superiori a quelle autorizzate dal produttore del motore può causare danni. In tal caso non possiamo assumere alcuna responsabilità.
- 6 Foro dell'alloggiamento
Vengono indicate le rispettive misure inferiori e superiori note del foro dell'alloggiamento. La misurazione può avvenire solo dopo aver avvitato le viti con il

momento di coppia indicato dal produttore, o in base alla prescrizione di serraggio. Nel caso siano fornibili maggiorazioni esterne, ciò verrà indicato sui singoli cuscinetti.

- 7 Larghezza del cuscinetto
Le misure citate sono dimensioni nominali che non indicano la tolleranza della larghezza massima del cuscinetto (misura standard).
Cuscinetto di guida
Se nell'albero a gomiti occorre riaffilare i bracci di manovella, i cuscinetti di guida dovranno essere più larghi della misura standard. Per questo motivo tali cuscinetti di guida presentano una larghezza maggiorata, per poter ripristinare il corretto gioco assiale dell'albero a gomiti.
Semi-anello di spallamento
Lo spessore maggiorato della parete del cuscinetto si riferisce a 2 dischi, per es. nel livello inferiore 0,50mm il singolo semi-anello possiede uno spessore maggiore di 0,25mm rispetto alla versione standard.

- 8 Spessore del cuscinetto
Le misure citate sono dimensioni nominali dello spessore della parete (misura standard) e si riferiscono ai cuscinetti, alle boccole e ai semi-anelli di spallamento pronti per il montaggio. Per le misure inferiori lo spessore della parete è maggiore della metà della misura inferiore indicata.
- 9 Posizione di montaggio
Il numero indicato segnala il punto di montaggio del cuscinetto. La numerazione del punto di montaggio del cuscinetto avviene in conformità con le indicazioni del produttore di motori.
- 10 Gioco per il montaggio del cuscinetto
Per motivi legati al rumore è possibile che il gioco del cuscinetto venga ridotto dai produttori di motori. A questo proposito possono verificarsi delle differenze rispetto ai suddetti giochi del cuscinetto. Se non dovessero essere presenti altre indicazioni, è consigliabile che il gioco del cuscinetto venga mantenuto sul livello medio nella direzione assiale pari all'1% ca. del diametro del perno.
- 11 Materiale del cuscinetto
- 12 Riparazione e misure
Come descritto nel catalogo i cuscinetti radenti vengono forniti sia in misure standard che in misure inferiori alla media, conformi a quelle del produttore di motori. Oltre a ciò siamo in grado di produrre e fornire ulteriori misure.

- 13 Codice articolo della singola parte **029 LB 18192 300**
Numero distintivo del produttore dell'autoveicolo **029** xx xxxxx xxx
per es. "029" significa Volkswagen
Tipo di cuscinetto xxx **LB** xxxxx xxx
Numero progressivo xxx xx **18192** xxx
Misure e sottomisure xxx xx xxxxx **300**
per es. "300" per cuscinetto semi-finito standard
Denominazione della singola parte:
- 14 Tipo di costruzione del cuscinetto + numero progressivo
Quantità di pezzi
Numero dei cuscinetti (in coppia per i semicuscinetti oppure in singoli pezzi per i semi-anelli di spallamento e le boccole) contenuti nel set. Il set di cuscinetti include le parti necessarie a un motore.
- 15 Codice articolo del set **029 PS 18146 000**
Numero distintivo del produttore dell'autoveicolo **029** xx xxxxx xxx
Tipi di cuscinetto xxx **PS** xxxxx xxx
AS = Set di semi-anelli di spallamento
BS = Set di boccole dello spinotto
HS = Set di cuscinetti di banco
KS = Set di boccole con comando a bilanciere
LS = Set di boccole del cuscinetto
NS = Set di boccole dell'albero a camme
PS = Set del cuscinetto di biella
Numero progressivo xxx xx **18146** xxx
Misure e sottomisure xxx xx xxxxx **000**
per es. "000" per standard
All'occorrenza troverete indicazioni aggiuntive e particolarità nella nota a piè di pagina.

Identificazione delle misure semi-finite

Numero	300	310	311	312	313	314	315
alesabile da		0,50	0,75	1,00	1,50	2,00	2,50
a	0,00	0,00	0,00	0,00	0,00	0,00	0,00

Identificazione delle misure in pollici

Numero	200	202	207	205	210	215	220	225	230	240	245	250	260	270	275
pollici	.000	.0025	.0075	.005	.010	.015	.020	.025	.030	.040	.045	.050	.060	.070	.075
mm	0,000	0,064	0,191	0,127	0,254	0,381	0,508	0,635	0,762	1,016	1,127	1,270	1,524	1,778	1,905

Al momento dell'ordinazione osservare quanto segue: è possibile ordinare solo quei prodotti che nella colonna 13 o 15 presentano un codice articolo completo stampato in grassetto.

Abbreviazioni

Motori/autovetture		Cuscinetti	
Carburanti		Denominazioni delle parti singole	
Benzin	Combustibile: benzina	AL	Spallamento
Diesel	Combustibile: diesel	BB	Boccola per piede di biella
Gas	Combustibile: gas	FL	Cuscinetto radiale chiuso
Tipologie motore		HL	Cuscinetto di banco
B	Motore boxer	KB	Boccola per bilanciere
Kompressor	Compressore	LB	Boccola di supporto per es. per albero intermedio
R	Motore in linea	NB	Boccola per albero a camme
Motor	Motore a un cilindro	PL	Cuscinetto biella
V	Motore a V	Denominazioni dei set	
VR	Motore a VR	AS	Set spallamenti
W	Motore a W	BS	Set boccole per piede di biella
Preparazioni miscela		HS	Set cuscinetti banco
Vergaser	Carburatore	KS	Set boccole per bilanciere
Raffreddamento		LS	Set boccole di supporto
luftgekühlt	Raffreddato ad aria	NS	Set boccole per albero a camme
wassergekühlt	Raffreddato ad acqua	PS	Set cuscinetti biella
Caricamento		Stati di lavorazione	
LLK	Intercooler	Semi	Semi-lavorato, per ulteriori spiegazioni consultare le pagine introduttive
Turbo	Sovralimentazione		
Catalizzatori			
Katalysator	Catalizzatore		
Particolarità del motore			
... Ventile	... valvole/cilindro		
Pleuellänge ... mm	Lunghezza di biella in mm		
Osservazioni			
3-Loch	Fissaggio a 3 buchi		
4-Loch	Fissaggio a 4 buchi		

Avvertenze importanti

I codici dei ricambi originali dei produttori di veicoli e motori servono solo a fini comparativi interni. Non rappresentano una denominazione d'origine e non devono essere utilizzati con i proprietari dei veicoli.

Per la stesura e la stampa di questo catalogo occorrono alcune settimane, motivo per cui le ultime novità potrebbero non essere state inserite. Allo stesso modo è possibile che un prodotto sia stato modificato durante la produzione di serie. In caso di dubbi, vi preghiamo di rivolgervi a noi o al nostro rappresentante.

I nostri prodotti possono essere montati e/o smontati solo da personale specializzato.

I dati di questo catalogo sono stati elaborati con la massima cura, ma non sono vincolanti.

Anche le modifiche delle denominazioni dei motori e delle tipologie da parte dei produttori nonché dei prodotti sono soggette a questa riserva.

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**KOMPLETNY ASORTYMENT JEST DOSTĘPNY
RÓWNIEŻ W INTERNECIE POD ADRESEM
WWW.MAHLE-AFTERMARKET.COM**



Dodatkowe katalogi

Następujące katalogi są obecnie dostępne w MAHLE Aftermarket:

- Tłoki, cylindry, zestawy
- Zestawy pierścieni tłokowych
- Łożyska ślizgowe
- Podzespoły układów rozrządu
- Klasyczna linia MAHLE
- Filtry do samochodów osobowych i dostawczych
- Filtry do pojazdów ciężarowych, autobusów i pojazdów dostawczych
- Filtry do maszyn rolniczych i budowlanych oraz innych silników
- Filtry do motocykli
- Lista porównawcza filtrów
- Termostaty do samochodów osobowych, transporterów, autobusów i samochodów ciężarowych
- Turbosprężarki do samochodów osobowych, transporterów, autobusów i samochodów ciężarowych
- Alternatory i rozruszniki do maszyn rolniczych i budowlanych oraz do innych silników
- Silniki elektryczne

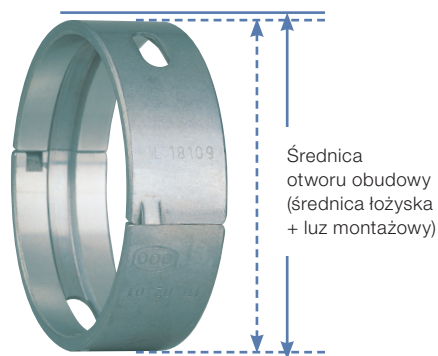
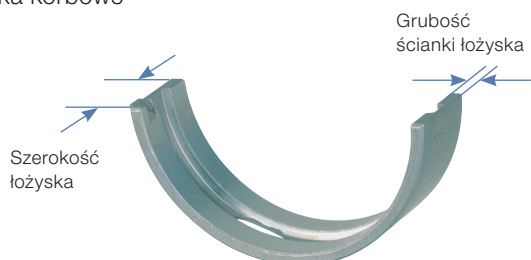
Kompletny asortyment produktów jest dostępny na płycie CD-ROM, a także w naszym katalogu online na stronie www.mahle-aftermarket.com. Ponadto dane całej gamy produktów MAHLE Aftermarket dostępne są również w postaci TecDoc

Typy łożysk

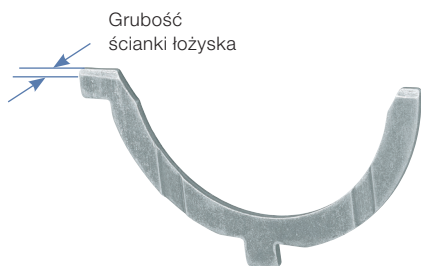
Panewki łożyskowe

HL Łożyska główne

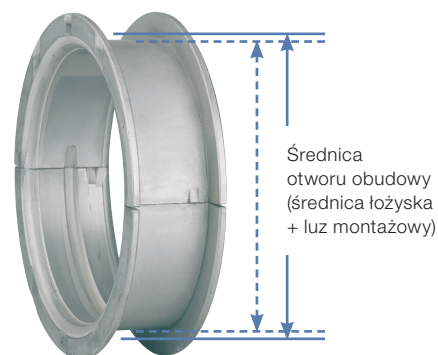
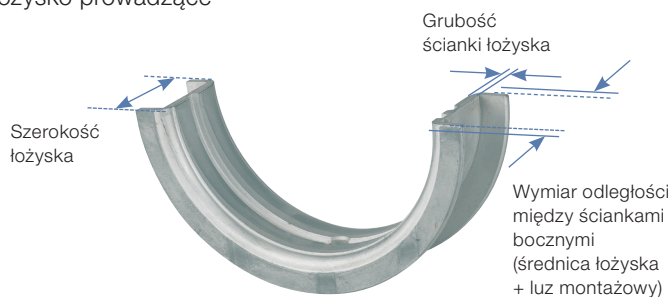
PL Łożyska korbowe



AL Tarcza oporowa



FL Łożysko prowadzące



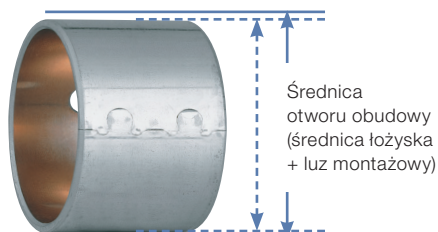
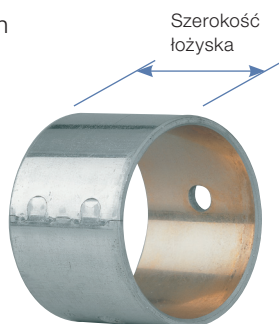
Tuleje łożyskowe

BB Tulejka sworznia tłokowego

KB Tulejka dźwignienek zaworowych

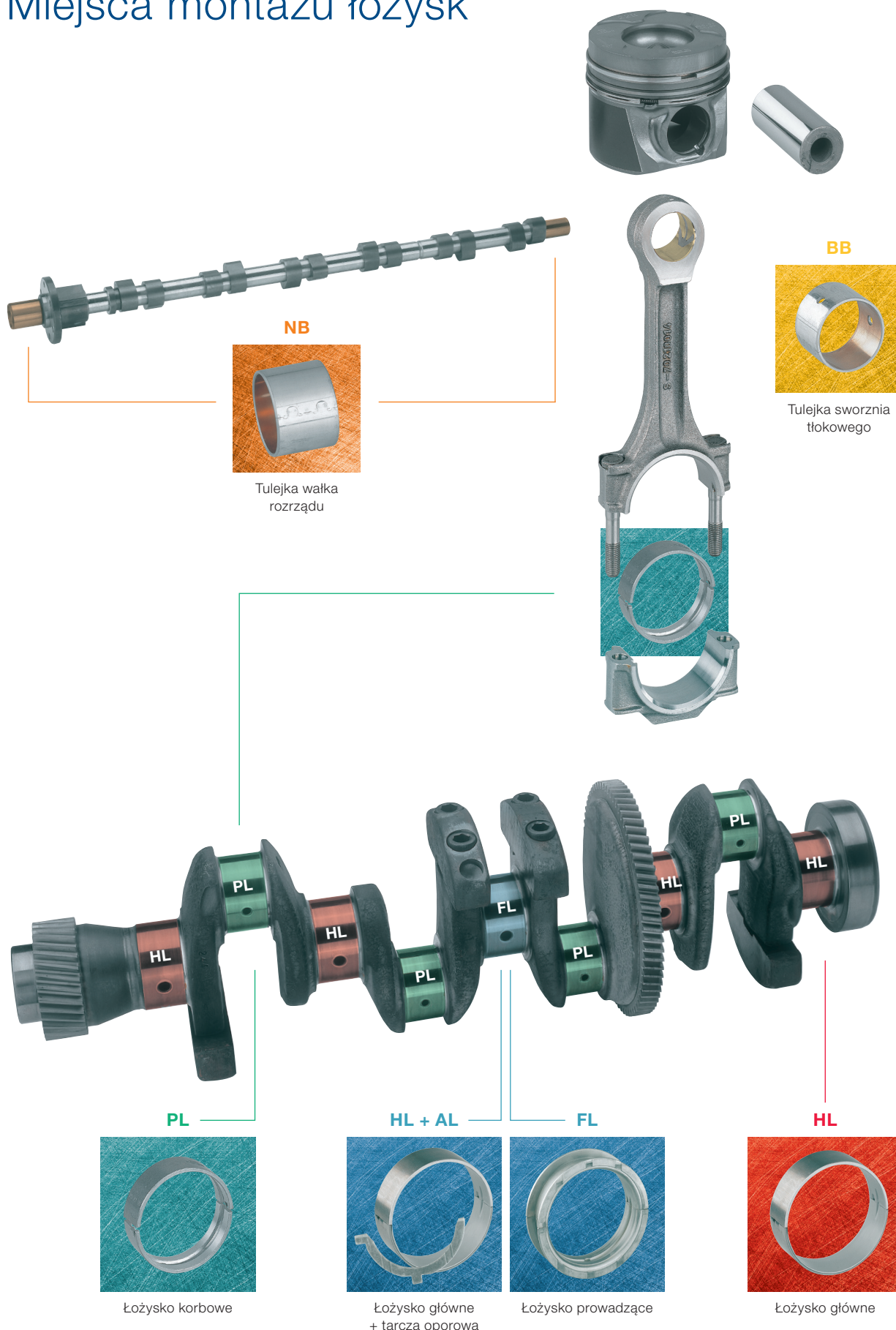
LB Tulejka łożyskowa niedzielona

NB Tulejka wałka rozrządu



polski

Miejsca montażu łożysk



Wykonania i materiały

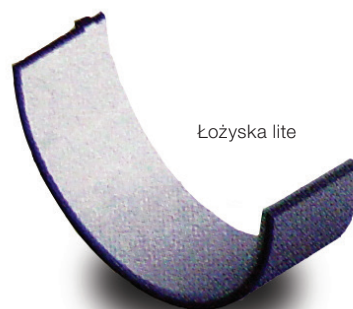
Wykonania

Łożyska lite są w całości wykonane ze stopu łożyskowego. Często stosowane są specjalne stopy brązu. Najczęściej spotykanymi łożyskami litymi są panewki.

Łożyska dwuskładnikowe składają się ze stalowej panewki, warstwy pośredniej i warstwy wierzchniej ze stopu łożyskowego. Jako stop łożyskowy stosowane są przede wszystkim stopy aluminiowe. Łożyska dwuskładnikowe są stosowane w słabo lub średnio obciążonych silnikach z zapłonem iskrowym i wolnossących silnikach wysokoprężnych w samochodach osobowych.

Łożyska trójskładnikowe składają się ze stalowej panewki, warstwy bieżnej, warstwy blokującej i warstwy ślizgowej. W silnikach narażonych na wysokie obciążenia najczęściej stosowane są łożyska trójskładnikowe. **Łożyska napyłane (sputter)** są również łożyskami trójskładnikowymi. Dzięki specjalnemu procesowi napyłania (sputtering) wykazują one znacznie wyższą twardość, obciążalność i odporność na zużycie. Dlatego szczególnie nadają się do silników o dużym stopniu doładowania i z chłodzeniem powietrza doładowującego. Oprócz silników do samochodów użytkowych łożyska napyłane są coraz częściej stosowane w silnikach wysokoprężnych samochodów osobowych.

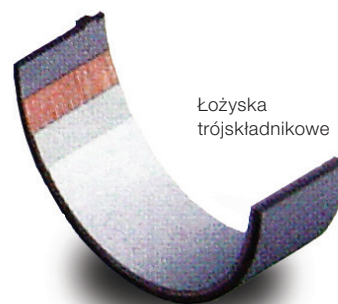
Wszystkie rodzaje łożysk są z reguły dodatkowo chronione przed korozją przez galwanicznie nanoszoną warstwę cyny.



Łożyska lite



Łożyska dwuskładnikowe



Łożyska trójskładnikowe



Materiały

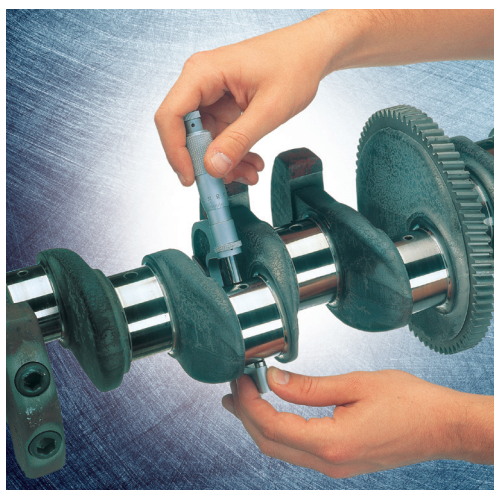
W zależności od zastosowań, łożyska ślizgowe MAHLE składają się z panewki stalowej o wysokiej wytrzymałości, powlekanej kilkoma różnymi materiałami łożyskowymi. Materiały łożyska są tak dobrane, aby ich pozytywne właściwości uzupełniały się i były optymalnie dostosowane do konkretnego zastosowania.

Kluczową rolę w spełnianiu aktualnych i przyszłych wymagań wobec łożysk ślizgowych odgrywają nowo opracowywane materiały. Dzięki wieloletniemu doświadczeniu i długotrwałym badaniom firma MAHLE dysponuje całym szeregiem wysokiej jakości stopów, na przykład stopów aluminium i brązu.

Materiał	Metale w %							Warstwa ślizgowa
	Cu	Al	Si	Pb	Sn	Sb	Pozostałe	
M 1	3				89	8		
M 5	80			10	10			
M 7	73			23	4			
M 10	89			1	10	15	0,5	
M 11	0,5			74	10	15	1	
M 23				83	1			
M 30	70			30				
M 31	70			30				P 77
M 83	1	91	1					P 77
M 100	80			10	10			
M 114	78			20	2			P 77, P 80, P94
M 157	1	79			20			
M 172	2	81			17			
M 183	2	91	2					P 77, P 80
M 215	2	83	4		11			
M 218	2	83	4		11			
M 221	85			2	11,5			
M 222	83			7	7			
M 250	73			23	4			
M 330	78			20	2			AlSn-Sputter
M 331	75			23	2			AlSn 40Cu-Sputter
M 770	74			25	1			
M 780	78			20	2			P 77
M 790	72			23	3,5			
M 800	74			20	2			P 77
M 810	0,8	87	3		9		0,2	
M 817	1	80,3		1,7	17			
M 900	75			23	2			Q1
M 901	75			23	2			P 77, P 78, P 80
M 902				83	6	10		
M 916	1	79			20		0,3	
M 920	1	90	2		6		1	

Zalecenia montażowe

1. Podczas demontażu silnika oznakować współpracujące części.
2. Przy demontażu wału korbowego nie wolno uszkodzić żadnych części. Starannie oczyścić wymontowane części. Najczęstszą przyczyną uszkodzeń łożysk są zanieczyszczenia. Dlatego należy bardzo starannie oczyścić wszystkie części obiegu oleju, a zwłaszcza kanały olejowe w kadłubie silnika i w wale korbowym.
3. Sprawdzanie części



Sprawdzić wymiary, okrągłość, twardość, chropowatość i walcowość otworów podstawowych oraz czopów korbowych (powierzchnia, promień i otwory wylotowe oleju). Zwracać przy tym uwagę na ewentualne uszkodzenia.

Sprawdzić korbowody, czy nie są wygięte lub zwichrowane.

Należy zawsze przestrzegać odpowiednich wymagań i danych producenta silnika.

4. Kształt otworu w obudowie ma duży wpływ na żywotność łożysk ślizgowych. Z tego powodu obróbka otworu w obudowie jest dozwolona dopiero po dokręceniu śrub zgodnie z wymaganiami producenta silnika w zakresie dokręcania.

Przed ostatecznym montażem – ewentualnie przeprowadzić montaż testowy – należy oczyścić otwory podstawowe i usunąć konserwację z nowych łożysk ślizgowych. Aby zapobiec uszkodzeniom na skutek rozruchu na sucho, podczas montażu łożysk ślizgowych posmarować ich powierzchnie bieżne czystym olejem silnikowym.

W przypadku par łożysk z różnych materiałów zwrócić uwagę na prawidłowy montaż. Na grzbietach tych łożysk ślizgowych znajdują się napisy „upper” (góra) lub „lower” (dół). Połówka łożyska ślizgowego z napisem „upper” musi być montowana u góry obudowy, natomiast połówka „lower” u dołu przy pokrywie.

Po prawidłowym ustawieniu łożysk ślizgowych należy dokręcić śruby pokrywy zgodnie z wymaganiami. Na zakończenie zmierzyć średnicę otworu łożyska w trzech płaszczyznach pomiarowych, wykonując przy tym jeden pomiar w kierunku obciążenia.

5. Przed zamontowaniem łożyska prowadzącego sprawdzić różnicę wymiarową pomiędzy szerokością ścianki bocznej wału korbowego i szerokością całkowitą łożyska prowadzącego.

Podczas montażu sprawdzić, czy wał korbowy pozwala się lekko obracać bez wyczuwalnych szarpnięć oraz skontrolować przy tym osiową ruchomość wału korbowego.

Przy sprawdzaniu luzu osiowego korbowodu uważać na swobodny przesuw korbowodu.

Należy zawsze przestrzegać obowiązujących wymagań i danych właściwego producenta silnika.

Bez ryzyka – również w kwestii opakowania

Oryginalne części silników MAHLE Original zaliczane są do najbardziej poszukiwanych produktów na rynku części do pojazdów mechanicznych – również dla produkujących podróbki. Dlatego od wielu lat są one chronione za pomocą starannie wykonanych opakowań i etykiet zabezpieczających. Postanowiliśmy jednak dokonać kolejnej inwestycji w zakresie ochrony przed fałszerzami – za pewien czas wszystkie opakowania części zamiennych do silników MAHLE Original będą opatrywane nową etykietą zabezpieczającą.

Oryginalna zawartość? Wyłącznie z nienaruszoną plombą Security Strip!

Tylko nienaruszone opakowanie i nierozzerwana plomba Security Strip gwarantują, że w opakowaniu faktycznie znajduje się przedstawiona na nim część do silnika wyprodukowana przez MAHLE. Podczas rozpakowywania i dalszych czynności należy uważać, aby nie uszkodzić delikatnych części precyzyjnych.

Nowa etykieta zabezpieczająca MAHLE

Połączenie kodu MAPP i hologramu VeoMark skutecznie zapobiega fałszerstwom.



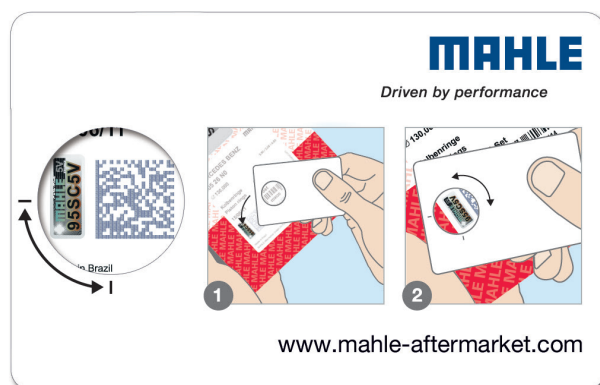
SECURITY STRIP

Security Strip

Stan tej plomby pozwala rozpoznać, czy opakowanie było już otwierane.

Oryginalne opakowanie? Tylko z autentyczną etykietą zabezpieczającą!

Nowa etykieta zabezpieczająca MAHLE zawiera kilka elementów, które w połączeniu ze sobą są niemożliwe do podrobienia. Na podstawie tych danych można szybko sprawdzić, czy opakowanie jest oryginalne i zostało wyprodukowane przez MAHLE, czy też jest podróbione.



Oryginał czy podróbka: na to pytanie odpowie specjalny filtr. Można go otrzymać od dystrybutora.

Nowa etykieta zabezpieczająca MAHLE



GTIN Kod losowy
Kod MAPP (pismem otwartym)
Kod MAPP (jako dwuwymiarowa macierz danych)



VeoMark

- 1 Gwiazdka HDI (High Definition Image) służy do ochrony przed kopiowaniem na kopiarce o wysokiej rozdzielczości
- 2 Logo MAHLE połyskujące barwami tęczy (widoczne najlepiej, gdy hologram VeoMark trzymany jest bezpośrednio pod sztucznym światłem)
- 3 LensCode (= 2 ostatnie znaki kodu losowego) – kod widoczny pod specjalnym filtrem
- 4 Numer seryjny (czarne cyfry i litery z obramowaniem połyskującym barwami tęczy) – odpowiada ostatnim 6 cyfrom kodu losowego

Weryfikacja na pierwszy rzut oka

Należy porównać kod losowy ze znakami na hologramie VeoMark:



- Czy 6 ostatnich znaków jest identycznych z numerem seryjnym umieszczonym na hologramie VeoMark?
- Czy 2 ostatnie znaki są takie same jak LensCode? Są one widoczne pod specjalnym filtrem MAHLE po jego odpowiednim ustawieniu.

Kontrola online

Na stronie www.mahle-aftermarket.com można sprawdzić, czy na opakowaniu wydrukowano poprawny kod:

- Należy zeskanować dwuwymiarową macierz danych (kod MAPP) za pomocą czytnika kodów kreskowych 2D.
- Inne rozwiązanie: wpisać ręcznie oba wiersze kodu MAPP, czyli GTIN i kod losowy (łącznie z nawiasami, lecz bez spacji i zmiany wiersza) w wyświetlonych polach).

Wynik kontroli wyświetlany jest w ciągu kilku sekund.

Struktura stron i odczytywanie numeracji artykułów

1 AUDI		MAHLE															
2	Ø 81	5	6	7	8	9	10	11	12	13	14	15	37	3			
1B	R 5 Benzin, 2226 cm ³ , 147 kW (200 PS)	57,958	63,000	18,500	2.502	1.-6.	0,016	M114	0,000	HL 18817	6	029 HS 18815 000	025 050 075				
	Turbo 200 01/1983...11/1999	57,978	63,019				0,079		0,250 0,500 0,750								
4	AAN, ABY	57,958	63,000	18,500	2.502	1.2.4.5.6.	0,016	M114	0,000	HL 18817	5	029 HS 18819 000	025 050 075				
	R 5 Benzin, 2226 cm ³ , 169 kW (230 PS)	57,978	63,019				0,079		0,250 0,500 0,750								
	100 08/1991...07/1994																
	200 03/1991...11/1991																
	80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750	FL 18818 1)	1						
ADU	R 5 Benzin, 2226 cm ³ , 232 kW (316 PS)	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000					
	Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2						
	RR	R 5 Benzin, 2226 cm ³ , 162 kW (220 PS)	20,000	23,000 23,021	25,000			M114	Semi	BB 18832	5	029 BS 10527 300					
	Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300 8)	1	029 LS 18190 000 300					
		41,959 41,975	45,000 45,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18192 000 300	1						

1) Wangenabstandsmaße siehe Anhang
flange span see supplement

1 Producent

2 Średnica nominalna cylindra

3 Nr indeksu

4 Oznaczenie silnika

Dane silnika

Pojazdy

Rok produkcji

5 Średnica czopa

Dane wymiarowe dotyczą znanej wartości najmniejszego i największego wymiaru średnicy czopa w wymiarze standardowym. Do obróbki obowiązują wyłącznie wymagania danego producenta silnika. Uwaga: obróbka na większe stopnie podwymiaru, niż dozwolone przez producenta silnika, może spowodować uszkodzenia. W takim przypadku nie przejmujemy żadnej odpowiedzialności.

6 Otwór w obudowie

Podane są znane najmniejsze i największe wymiary otworu w obudowie. Pomiaru można dokonać dopiero po dokręceniu śrub momentem obrotowym wymaganym przez producenta silnika lub zgodnie z wytycznymi dotyczącymi dokręcania. Jeżeli dostępne są zewnętrzne nadwymiaru, to jest to podane przy poszczególnych łożyskach.

7 Szerokość łożyska

Podane wymiary to wymiary nominalne bez informacji o tolerancji maks. szerokości łożyska (wymiar standardowy).

Łożysko prowadzące

Jeżeli ramiona wału korbowego zostały przeszlifowane, łożyska prowadzące muszą być szersze od wymiaru standardowego. Dlatego łożyska prowadzące mają nadwymiar szerokości, aby zapewnić odtworzenie właściwego luzu osiowego wału korbowego.

Tarcze oporowe

Dodatek grubości ścianek do szerokości łożysk dotyczy zawsze 2 tarczy, np. w stopniu podwymiaru 0,50 mm każda tarcza oporowa jest grubsza od wykonania standardowego o 0,25 mm.

- 8 Grubość ścianek łożyska
Podane wymiary to wymiary nominalne grubości ścianki (wymiar standardowy) i odnoszą się do gotowych do montażu łożysk, panewek i tarczy oporowych. W przypadku podwymiarów grubość ścianki jest każdorazowo większa o połowę podanego podwymiaru.
- 9 Pozycja montażowa
Podana liczba podaje miejsce montażu łożyska. Numeracja miejsca montażu łożysk odpowiada informacjom producenta silnika.
- 10 Luz montażowy łożyska
Luz łożyska może być zmniejszony przez producenta silnika w celu minimalizacji hałasu. Dlatego możliwe jest wystąpienie różnic w stosunku do podanych luzów łożysk. W razie braku innych danych zalecamy średni luz łożyskowy w kierunku obciążenia na poziomie ok. 1‰ średnicy czopa.
- 11 Materiał łożyska
- 12 Stopnie wymiarowe naprawcze
Zgodnie z opisem w katalogu łożyska ślizgowe są dostarczane zarówno w wymiarach standardowych, jak i z podwymiarami, odpowiadającymi dopuszczonym stopniom wymiarowym producentów silników. Ponadto na życzenie możemy wyprodukować bądź dostarczyć inne stopnie wymiarowe.

- 13 Numer artykułu pojedynczej części **029 LB 18192 300**
Kod producenta pojazdu **029** xx xxxxx xxx
np. „029” dla Volkswagena
Typ łożyska xxx **LB** xxxxx xxx
Numer bieżący xxx xx **18192** xxx
Stopnie wymiarowe xxx xx xxxxx **300**
lub stopnie podwymiarowe
np. „300” dla półstandardu
Oznakowanie pojedynczej części:
14 Typ łożyska + numer bieżący
Liczba sztuk
Liczba łożysk (parami przy połówkach łożysk lub sztukami przy tarczach oporowych i tulejach łożyskowych niedzielonych), zawartych w zestawie łożyska. W zestawie łożyska zawarte są części wymagane dla jednego silnika.
15 Numer artykułu zestawu **029 PS 18146 000**
Kod producenta pojazdu **029** xx xxxxx xxx
Typy łożysk xxx **PS** xxxxx xxx
AS = zestaw tarcz oporowych
BS = zestaw tulei sworzni tłokowych
HS = zestaw łożysk głównych
KS = zestaw tulei dźwigienek zaworowych
LS = zestaw tulei łożyskowych niedzielonych
NS = zestaw tulei wałka rozrządu
PS = zestaw łożysk korbowych
Numer bieżący xxx xx **18146** xxx
Stopnie wymiarowe xxx xx xxxxx **000**
lub stopnie podwymiarowe
np. „000” dla standard
Informacje dodatkowe oraz cechy szczególne można znaleźć ewentualnie w przypisie.

Znakowanie półstopni wymiarowych

Numer	300	310	311	312	313	314	315
Możliwość rozwiercania od		0,50	0,75	1,00	1,50	2,00	2,50
do	0,00	0,00	0,00	0,00	0,00	0,00	0,00

Znakowanie całowych stopni wymiarowych

Numer	200	202	207	205	210	215	220	225	230	240	245	250	260	270	275
cal	.000	.0025	.0075	.005	.010	.015	.020	.025	.030	.040	.045	.050	.060	.070	.075
mm	0,000	0,064	0,191	0,127	0,254	0,381	0,508	0,635	0,762	1,016	1,127	1,270	1,524	1,778	1,905

Przestrzegać przy zamawianiu: można zamawiać wyłącznie te produkty, które w kolumnie 13 lub 15 mają podany tłustym drukiem kompletny numer artykułu.

Skróty

Silniki, pojazdy		Łożysko ślizgowe	
Paliwa		Oznaczenia pojedynczych części	
Benzin	Paliwo: benzyna	AL	Tarcza oporowa
Diesel	Paliwo: olej napędowy	BB	Tulejka sworznia tłokowego
Gas	Paliwo: gaz	FL	Łożysko prowadzące
Rodzaje silników		HL	Łożysko główne
B	Silnik w układzie przeciwsobnym	KB	Tulejka dźwigiemek zaworowych
Kompressor	Sprężarka	LB	Tulejka łożyskowa niedzielona, np. do wałka pośredniego
R	Silnik rzędowy	NB	Tulejka wałka rozrządu
Motor	Jednocylindrowy	PL	Łożysko korbowe
V	Silnik w układzie V	Oznaczenia zestawów	
VR	Silnik w układzie VR	AS	Zestaw tarcz oporowych
W	Silnik w układzie W	BS	Zestaw tulei sworzni tłokowych
Przygotowywanie mieszanki		HS	Zestaw łożysk głównych
Vergaser	Gaźnik	KS	Zestaw tulei dźwigiemek zaworowych
Chłodzenie		LS	Zestaw tulei łożyskowych niedzielonych
luftgekühlt	Chłodzony powietrzem	NS	Zestaw tulei wałka rozrządu
wassergekühlt	Chłodzony cieczą	PS	Zestaw łożysk korbowych
Doładowania		Stany obróbki	
LLK	Chłodzenie powietrza doładującego	Semi	Wstępnie obrobiony, wyjaśnienie patrz struktura stron
Turbo	Doładowanie		
Katalizatory			
Katalysator	Katalizator		
Charakterystyki silników			
... Ventile	... Liczba zaworów na cylinder		
Pleuellänge ... mm	Długość korbowodu w mm		
Uwagi			
3-Loch	Zamocowanie 3-otworowe		
4-Loch	Zamocowanie 4-otworowe		

Ważne wskazówki

Oryginalne numery części zamiennych producentów pojazdów i silników służą tylko do wewnętrznych celów porównawczych. Nie są one oznaczeniami pochodzenia i ze względów prawa ochrony konkurencji nie można ich stosować wobec posiadaczy pojazdów.

Proces zestawiania i druku niniejszego katalogu trwa kilka tygodni. Z tego względu najnowsze pozycje mogą być tu nieuwzględnione. Mogła także wystąpić zmiana produktu w trakcie produkcji seryjnej. Dlatego zawsze celowym jest zasięgnięcie porady u naszych partnerów dystrybucyjnych.

Nasze produkty mogą być montowane wyłącznie przez specjalistyczny personel.

Dane w niniejszym katalogu zostały opracowane z dużą starannością, jednak nie udzielamy gwarancji na ich prawidłowość.

Zastrzeżona jest również możliwość zmian oznaczeń silników i typów, a także zmian produktów przez producentów.

Z chwilą opublikowania niniejszego katalogu tracą ważność wszystkie wcześniejsze wydania. Wszystkie prawa zastrzeżone. Powielanie i publikowanie także fragmentów jest dozwolone wyłącznie po uzyskaniu naszej pisemnej zgody. Nadużycia będą ścigane.



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**ВСЕ АССОРТИМЕНТ МОЖНО
ПОСМОТРЕТЬ В ИНТЕРНЕТЕ ПО АДРЕСУ
WWW.MAHLE-AFTERMARKET.COM**



Прочие каталоги

В MAHLE Aftermarket имеются следующие справочные материалы:

- Поршни/цилиндры/детали двигателя
- Наборы поршневых колец
- Подшипники скольжения
- Компоненты клапанного механизма
- Классическая линейка MAHLE
- Фильтры для легковых автомобилей и грузовых автомобилей малой грузоподъемности
- Фильтры для грузовых автомобилей, автобусов и грузовых автомобилей малой грузоподъемности
- Фильтры для сельскохозяйственных и строительных машин, а также других двигателей
- Фильтры для мотоциклов
- Сравнительный обзор фильтров
- Термостаты для легковых автомобилей, грузовых автомобилей малой грузоподъемности, автобусов и грузовых автомобилей
- Турбонагнетатели для легковых автомобилей, грузовых автомобилей малой грузоподъемности, автобусов и грузовых автомобилей
- Генераторы и стартеры для грузовых автомобилей и автобусов
- Генераторы для сельскохозяйственных и строительных машин, а также других двигателей
- Электромоторы

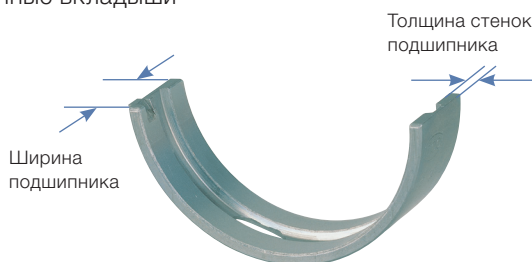
Полный ассортимент можно найти на нашем компакт-диске или на сайте www.mahle-aftermarket.com. Кроме того, все продукты MAHLE Aftermarket имеются в электронном каталоге TecDoc.

Типы подшипников скольжения

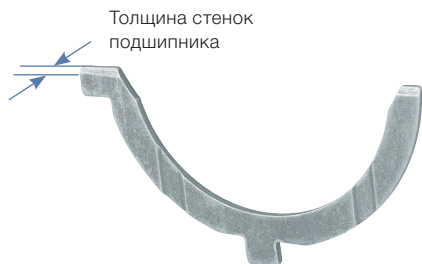
Вкладыши подшипника

HL Коренные вкладыши

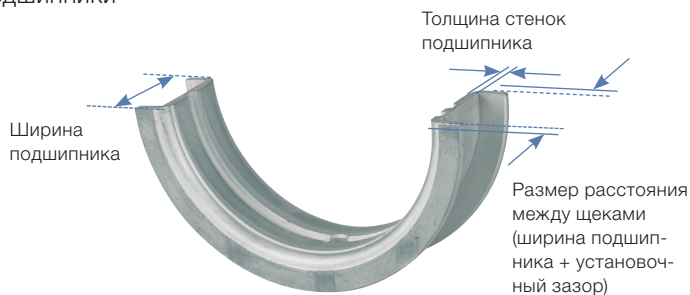
PL Шатунные вкладыши



AL Регулировочная шайба



FL Направляющие подшипники



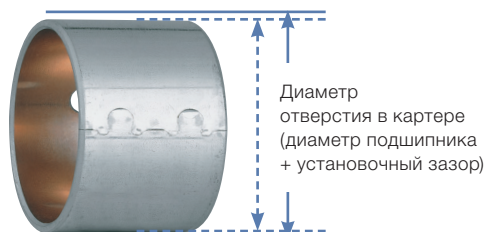
Подшипниковые втулки

BB Втулка поршневого пальца

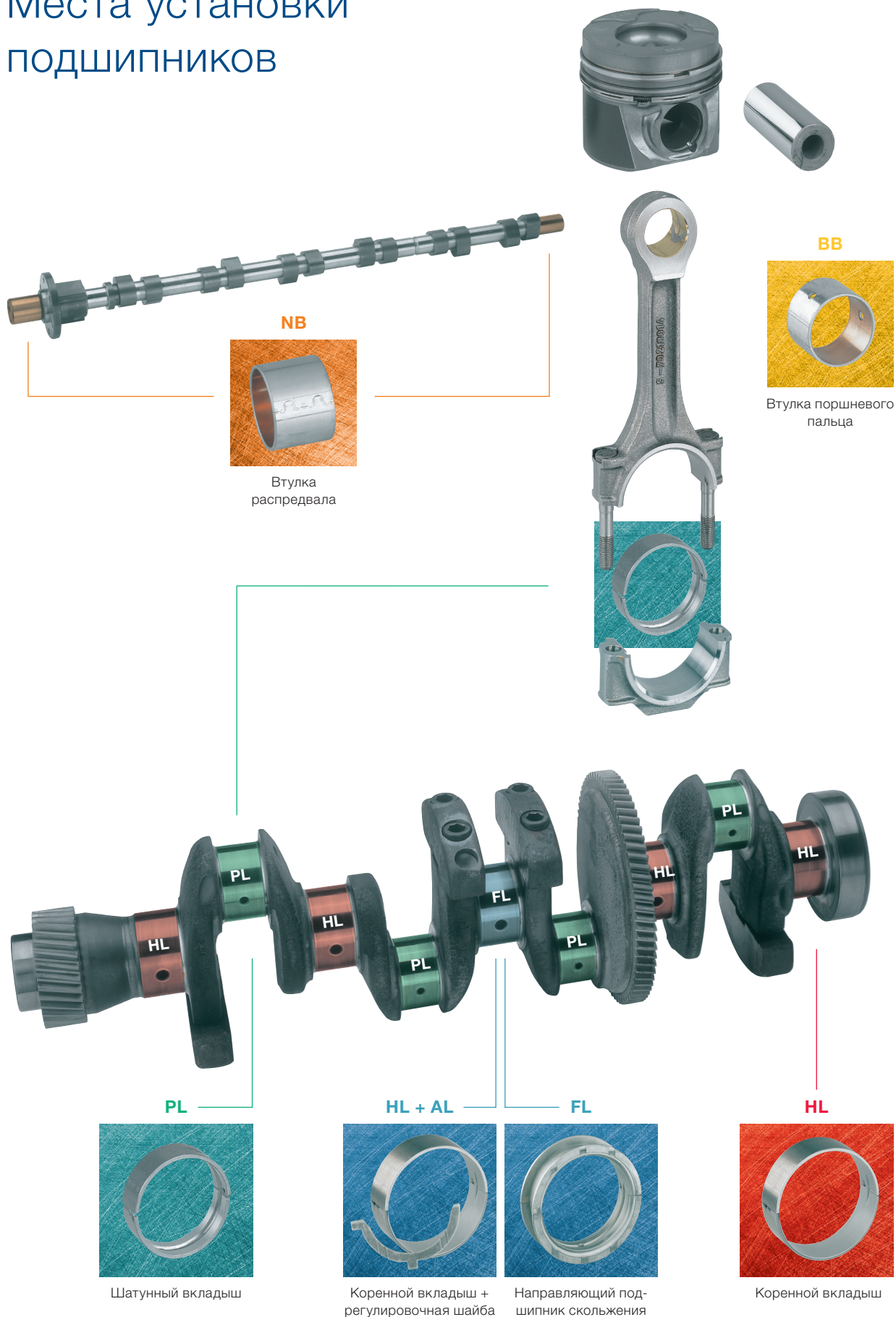
KB Втулка коромысла

LB Втулка подшипника

NB Втулка распредвала



Места установки ПОДШИПНИКОВ



Виды конструктивного исполнения и материалы

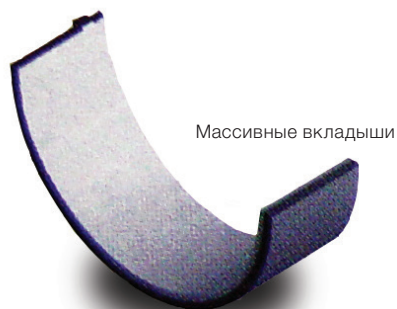
Виды конструктивного исполнения

Массивные вкладыши сделаны целиком из подшипникового сплава. Часто используются специальные сплавы из бронзы. Большинство массивных вкладышей — это втулки.

Биметаллические вкладыши состоят из защитного стального вкладыша, промежуточного слоя и слоя подшипникового сплава. В качестве подшипникового сплава используются преимущественно алюминиевые сплавы. Биметаллические вкладыши применяются в бензиновых и атмосферных дизельных двигателях легковых автомобилей в диапазонах малых и средних нагрузок.

Триметаллические вкладыши состоят из защитного стального вкладыша, слоя заливки, предохранительного слоя и слоя скольжения. В двигателях с повышенной нагрузкой используются преимущественно триметаллические вкладыши. **Вкладыши с напылением** также являются триметаллическими вкладышами. Благодаря специальной технологии производства (ионно-плазменное напыление) эти подшипники обладают повышенной твердостью и износостойкостью. Поэтому данные вкладыши особенно подходят для двигателей с большим наддувом и с охлаждением наддувочного воздуха. После двигателей коммерческих автомобилей вкладыши с напылением стали чаще использоваться в дизельных двигателях легковых автомобилей.

На все виды конструкций вкладышей в большинстве случаев дополнительно гальваническим способом наносится слой цинка для защиты от коррозии.



Массивные вкладыши



Биметаллические вкладыши



Триметаллические вкладыши



Материалы

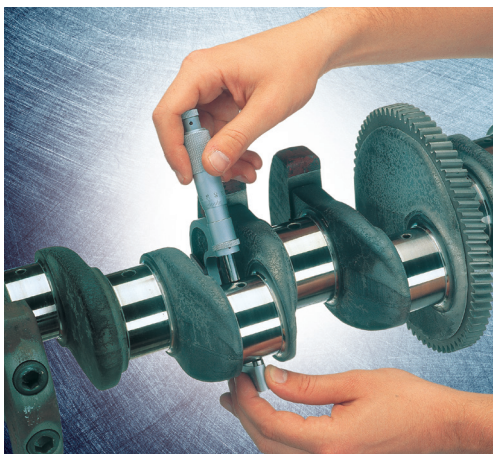
В зависимости от области применения подшипники скольжения производства MAHLE состоят из высокопрочного опорного стального вкладыша с покрытием из нескольких различных подшипниковых сплавов. Материалы для вкладышей подбираются таким образом, чтобы положительные свойства каждого материала дополняли друг друга и были оптимальными для каждого случая применения.

Разработке материалов отводится ключевая роль в целях удовлетворения требований, предъявляемых к подшипникам скольжения сегодняшнего и завтрашнего дня. В распоряжении компании MAHLE находится большое количество высококачественных сплавов для подшипников благодаря многолетнему опыту и опытно-конструкторской деятельности. В том числе из алюминия и бронзы.

Материал	Металлы в %							Слой скольжения
	Cu	Al	Si	Pb	Sn	Sb	Прочие	
М 1	3				89	8		
М 5	80			10	10			
М 7	73			23	4			
М 10	89			1	10	15	0,5	
М 11	0,5			74	10	15	1	
М 23				83	1			
М 30	70			30				
М 31	70			30				P 77
М 83	1	91	1					P 77
М 100	80			10	10			
М 114	78			20	2			P 77, P 80, P94
М 157	1	79			20			
М 172	2	81			17			
М 183	2	91	2					P 77, P 80
М 215	2	83	4		11			
М 218	2	83	4		11			
М 221	85			2	11,5			
М 222	83			7	7			
М 250	73			23	4			
М 330	78			20	2			Напыление алюминий-олово (AlSn)
М 331	75			23	2			Напыление алюминий-олово-40 медь (AlSn 40Cu)
М 770	74			25	1			
М 780	78			20	2			P 77
М 790	72			23	3,5			
М 800	74			20	2			P 77
М 810	0,8	87	3		9		0,2	
М 817	1	80,3		1,7	17			
М 900	75			23	2			Q1
М 901	75			23	2			P 77, P 78, P 80
М 902				83	6	10		
М 916	1	79			20		0,3	
М 920	1	90	2		6		1	

Рекомендации по установке

1. Во время демонтажа двигателя необходимо пометать детали, составляющие единое целое или входящие в комплект.
2. При снятии коленвала нельзя допускать повреждение каких-либо деталей. Снятые детали необходимо тщательно очистить. Загрязнения являются наиболее частой причиной повреждения вкладышей/подшипников. Поэтому все детали системы циркуляции масла, в особенности масляные каналы блока двигателя и коленвала, подлежат тщательной очистке.
3. Контроль деталей



Основные отверстия и шатунные шейки (поверхность, радиусы и масляные отверстия) подлежат проверке на предмет их размеров, округлости, твердости, наличия шероховатостей и цилиндричности. Обращайте при этом внимание на наличие повреждений. Проверяйте шатуны на предмет изгибов и искривлений.

Следует всегда учитывать и выполнять соответствующие предписания и данные изготовителя двигателей.

4. Форма отверстия в картере оказывает большое влияние на долговечность подшипников скольжения. По этой причине обработка отверстия в картере должна проводиться только после затяжки болтов

в соответствии с предписаниями по затяжке изготовителя двигателя.

Перед окончательной установкой (при необходимости можно провести контрольную установку) основные отверстия необходимо очистить, а консервацию новых подшипников скольжения убрать. Во избежание повреждения из-за начала работы «всухую» рабочие поверхности подшипников скольжения при их установке смазывают чистым моторным маслом.

Обращайте внимание на правильность установки пар подшипников, сделанных из различных материалов. На обратной стороне этих подшипников скольжения даны обозначения «upper» (верхний) или «lower» (нижний). Половинки подшипников скольжения с отметкой «upper» устанавливаются вверх на картере, а половинки подшипников с отметкой «lower» вниз на крышке.

После правильного позиционирования подшипников скольжения следует затянуть болты крышки в соответствии с предписанием. Затем необходимо точно измерить диаметры отверстия под подшипник на трех уровнях измерений, из них один размер должен быть в направлении приложения нагрузки.

5. Перед установкой направляющего подшипника скольжения следует проверить разность размеров между шириной щеки коленвала и общей шириной направляющего подшипника.

При сборке проверьте легкость и плавность проворачивания коленвала и проконтролируйте при этом его осевое перемещение. При проверке осевого зазора шатуна обратите внимание на его легкий разбег.

Следует всегда соблюдать и учитывать действующие предписания и данные изготовителя двигателей.

Лучше перестраховаться – и в отношении упаковки

Детали для двигателей MAHLE Original являются одними из самых востребованных на автомобильном рынке запчастей, даже для тех, кто подделывает продукцию. Поэтому уже на протяжении многих лет мы защищаем наши изделия, применяя дорогостоящую упаковку и защитные этикетки безопасности. Теперь мы идем еще дальше, продолжая вкладывать деньги в защиту нашей продукции от подделок, и постепенно переходим выпуску упаковок для деталей двигателя MAHLE Original с новой защитной этикеткой безопасности.

Оригинальные детали внутри? Только с нетронутой защитной полоской!

Только в случае неповрежденной упаковки и невредимой защитной полоски Вы можете быть уверены в том, что в упаковке действительно находится указанная деталь двигателя производства MAHLE. При распаковке и в дальнейшей работе следует внимательно следить за тем, чтобы не повредить чувствительные прецизионные детали.

Новая защитная этикетка безопасности MAHLE

Благодаря комбинации кода двухмерной (2D) матрицы данных (код MAPP) и наклейки VeoMark обеспечивается максимум защиты нашей продукции от подделок.



SECURITY STRIP

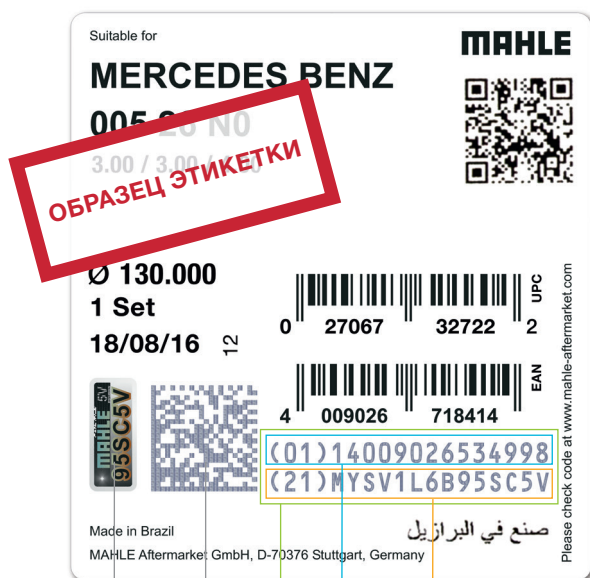
Защитная полоска

Благодаря такому запечатыванию вскрывавшуюся упаковку можно сразу определить.

Оригинальная упаковка? Только с настоящей защитной этикеткой безопасности!

Новая защитная этикетка безопасности MAHLE объединяет в себе комбинацию нескольких мер обеспечения безопасности, которые благодаря такому сочетанию обеспечивают максимально возможную защиту от подделок. С помощью этих данных Вы сможете быстро проверить идентичность оригинальной упаковки MAHLE или выявить контрафактное изделие.

Новая защитная этикетка безопасности MAHLE

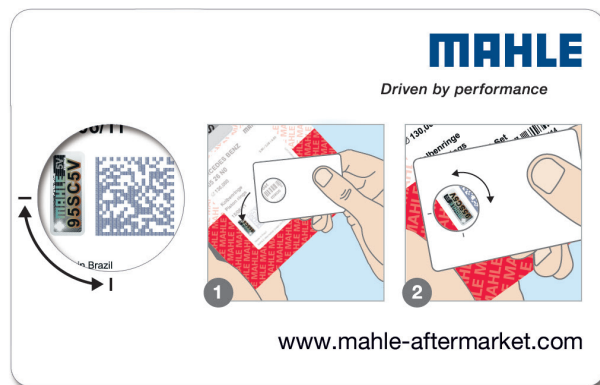


GTIN Случайный код
Код MAPP (обычный текст)
Код MAPP (матричный штрих-код 2D)



VeoMark

- 1 Звездочка HDI (изображение высокого разрешения) для защиты от копирования высокого разрешения
- 2 Переливающийся цветами радуги логотип MAHLE (наилучшая видимость достигается, если держать VeoMark против источника прямого, искусственного света)
- 3 LensCode (= две последние цифры случайного кода) – различим только при помощи специального фильтра
- 4 Серийный номер (черный, контуры переливаются цветами радуги) – соответствует последним 6 цифрам случайного кода



Оригинал или подделка: истину установит специальный фильтр. Можно получить у Вашего дистрибьютора.

Мгновенная верификация

Сравните цифры случайного кода с данными на наклейке VeoMark:



- Совпадают ли последние 6 знаков с серийным номером на VeoMark?
- Совпадают ли последние 2 цифры с кодом LensCode? Этот код можно увидеть, наложив сверху него специальный фильтр MAHLE и повернув его соответствующим образом.

Проверка онлайн

На сайте www.mahle-aftermarket.com Вы можете проверить, действителен ли нанесённый код:

- Отсканируйте матричный код 2D (код MAPP) с помощью сканера штрих-кода 2D.
- Альтернативный вариант: Обе строки кода MAPP, то есть, код GTIN и случайный код введите вручную в заданные поля (включая скобки, но без пропусков или перехода на новую строку).

Результат проверки данных появляется в течение нескольких секунд.

Структура страниц и расшифровка номеров артикулов

1 AUDI		MAHLE																	
2	Ø 81	5	6	7	8	9	10	11	12	13	14	15	37	3					
4	1B R 5 Benzin, 2226 cm³, 147 kW (200 PS) Turbo 200 01/1983...11/1999	57,958	63,000	18,500	2,502	1.-6.	0,016	M114	0,000	HL 18817	6	029 HS 18815 000	025						
		57,978	63,019				0,079		0,250				050						
4	AAN, ABY R 5 Benzin, 2226 cm³, 169 kW (230 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958	63,000	18,500	2,502	1.2.4.5.6.	0,016	M114	0,000	HL 18817	5	029 HS 18819 000	025						
		57,978	63,019	24,860	2,491	3.	0,079		0,250				050						
				24,910	2,503				0,500	FL 18818	1		075						
									0,750	1)									
4	ADU R 5 Benzin, 2226 cm³, 232 kW (316 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000							
					1,97														
		63,500	77,200		1,92			M157	0,000	AL 18821	2								
					1,97														
4	RR R 5 Benzin, 2226 cm³, 162 kW (220 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	20,000	23,000	25,000				M114	Semi	BB 18832	5	029 BS 10527 300							
			23,021																
		42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		029 LS 18190 000						
		42,975	46,025		1,77		0,066		Semi	300	300								
4	RR R 5 Benzin, 2226 cm³, 162 kW (220 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 000	1	029 LS 18190 000							
		41,975	45,025		1,77		0,066		Semi	8)									

- 1 Производитель
- 2 Номинальный диаметр цилиндра
- 3 Номер индекса
- 4 Обозначение двигателя
Данные двигателя
Автомобиль
Год выпуска
- 5 Диаметр шейки
Данные по размерам относятся к соответствующему известному минимальному и максимальному размеру диаметра шейки при стандартном измерении. В отношении обработки применяются исключительно предписания соответствующего изготовителя двигателей. Внимание: расточка на размеры, меньшие разрешенных изготовителем двигателей, может привести к повреждениям. В данном случае мы не берем на себя никакой ответственности.
- 6 Отверстие в картере
Указаны соответствующие известные минимальные и максимальные размеры отверстия в картере. Замер можно выполнить только после

- 7 затыжки болтов с предписанным изготовителем двигателей моментом затяжки или согласно инструкции по затяжке. Для отдельных видов подшипников указана возможность поставки с припусками на внешние размеры.
- 7 Ширина подшипника скольжения
Приведенные размеры являются номинальными без указания допусков максимальной ширины подшипника (стандартный размер).
Направляющий подшипник скольжения
Направляющие подшипники скольжения должны быть шире стандартного размера в случае окончательного шлифования щек коленвала. Поэтому у данных направляющих подшипников имеется припуск по ширине для восстановления правильного осевого зазора коленвала.
Регулировочные шайбы
Припуск к толщине стенок ширины подшипников относится соответственно к двум шайбам, напр.: у ремонтного размера 0,50 мм отдельная регулировочная шайба на 0,25 мм толще, чем при стандартном исполнении.

- 8 Толщина стенок подшипника
Приведенные размеры являются номинальными размерами толщины стенок (стандартный размер) и относятся к готовым к установке вкладышам, втулкам и регулировочным шайбам. У уменьшенных по диаметру ремонтных размеров толщина стенок соответственно на половину больше указанного уменьшенного размера.
- 9 Положение при установке
Указанная цифра показывает место вкладыша при установке. Нумерация мест установки вкладышей выполнена в соответствии с указаниями изготовителей двигателей.
- 10 Зазор при установке вкладышей
Зазор во вкладышах может быть уменьшен изготовителями двигателей для уменьшения шума. При этом возможны расхождения с указанными зазорами во вкладышах. Мы рекомендуем при отсутствии другой информации выдерживать средний зазор во вкладышах в направлении приложения нагрузки, равным примерно 1 % диаметра шейки.
- 11 Материал вкладышей
- 12 Градации ремонтных размеров
Подшипники скольжения, как описывается в каталоге, поставляются как в стандартных размерах, так и в уменьшенных ремонтных размерах, соответствующих разрешенным размерам изготовителей двигателей. Кроме того, мы можем производить или поставлять по желанию клиента подшипники скольжения других размеров.

- 13 Артикульный номер
отдельной детали **029 LB 18192 300**
Код автопроизводителя **029** xx xxxxx xxx
например: «029» для Volkswagen
Тип конструкции вкладыша xxx **LB** xxxxx xxx
Последовательный
порядковый номер xxx xx **18192** xxx
Градации размеров или xxx xx xxxxx **300**
градации уменьшенных по диаметру размеров
например: «300» для полустандартного размера
Маркировка отдельной детали:
- 14 Тип конструкции вкладыша + последовательный
порядковый номер
Количество
Количество вкладышей (в парах в отношении половинок вкладышей или в штуках в отношении регулировочных шайб или подшипниковых втулок), содержащихся в комплекте. В комплекте вкладышей содержатся только детали, необходимые для одного двигателя.
- 15 Артикульный номер
комплекта **029 PS 18146 000**
Код автопроизводителя **029** xx xxxxx xxx
Типы конструкций
вкладышей xxx **PS** xxxxx xxx
AS = Комплект регулировочных шайб
BS = Комплект втулок поршневых пальцев
HS = Комплект коренных вкладышей
KS = Комплект втулок коромысел
LS = Комплект втулок подшипников
NS = Комплект втулок распредвала
PS = Комплект шатунных вкладышей
Последовательный
порядковый номер xxx xx **18146** xxx
Градации размеров или xxx xx xxxxx **000**
Градации уменьшенных по диаметру размеров
например: «000» для стандартного размера
Дополнительная информация и особенности указаны при необходимости в сноске.

Маркировка полуразмеров

Номер	300	310	311	312	313	314	315
Расточка от		0,50	0,75	1,00	1,50	2,00	2,50
до	0,00	0,00	0,00	0,00	0,00	0,00	0,00

Маркировка размеров в дюймах

Номер	200	202	207	205	210	215	220	225	230	240	245	250	260	270	275
Дюймы	.000	.0025	.0075	.005	.010	.015	.020	.025	.030	.040	.045	.050	.060	.070	.075
мм	0,000	0,064	0,191	0,127	0,254	0,381	0,508	0,635	0,762	1,016	1,127	1,270	1,524	1,778	1,905

При составлении заказа следует учитывать: можно заказывать только ту продукцию, у которой в колонке 13 или 15 указан полный артикульный номер детали, напечатанный жирным шрифтом.

Сокращения

Двигатели/автомобили		Подшипники скольжения	
Виды топлива		Обозначения отдельных деталей	
Benzin	Топливо: бензин	AL	Регулировочная шайба
Diesel	Топливо: дизель	BB	Втулка поршневого пальца
Gas	Топливо: газ	FL	Направляющий подшипник
Типы двигателя		HL	Коренной вкладыш
B	Оппозитный двигатель	KB	Втулка коромысла
Kompressor	Компрессор	LB	Втулка подшипника, например: промежуточного вала
R	Рядный двигатель	NB	Втулка распредвала
Motor	Одноцилиндровый двигатель	PL	Шатунный вкладыш
V	Двигатель с V-образным расположением цилиндров	Обозначения комплектов	
VR	V-образно-рядный двигатель	AS	Комплект регулировочных шайб
W	Двигатель с W-образным расположением цилиндров	BS	Комплект втулок поршневых пальцев
Виды смесеобразования		HS	Комплект коренных вкладышей
Vergaser	Карбюратор	KS	Комплект втулок коромысел
Виды охлаждения		LS	Комплект втулок подшипников
luftgekühlt	С воздушным охлаждением	NS	Комплект втулок распредвала
wassergekühlt	С жидкостным охлаждением	PS	Комплект шатунных вкладышей
Виды наддува		Состояния обработки	
LLK	Охлаждение наддувочного воздуха	Semi	С предварительной обработкой, см. пояснение в структуре страниц
Turbo	Наддув		
Нейтрализаторы			
Katalysator	Нейтрализатор		
Особенности двигателя			
... Ventile	... клапаны/цилиндр		
Pleuellänge ... mm	Длина шатуна в мм		
Примечания			
3-Loch	3 крепежных отверстия		
4-Loch	4 крепежных отверстия		

Важные указания

Номера оригинальных запасных частей производителей автомобилей и двигателей приведены только для внутреннего пользования при сравнении. Они не указывают на происхождение товара и не могут использоваться при общении с владельцами транспортных средств.

Составление и печать данного каталога занимает несколько недель. В результате этого в нем могут отсутствовать самые последние новинки. Также возможно изменение продукта в рамках серийного производства. Поэтому мы рекомендуем всегда связываться с нами или нашим дистрибьютором.

Монтаж наших продуктов должен производить только обученный персонал.

Данные в этом каталоге были тщательно проверены. Тем не менее, мы не несем ответственность за правильность данных.

Это же положение распространяется на изменения маркировки двигателей и моделей, а также самих продуктов производителем.

После выхода настоящего каталога предыдущие выпуски каталога становятся недействительными. Мы оставляем за собой все права. Частичная или полная перепечатка допускается только с предварительного письменного согласия. Нарушения преследуются по закону.



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ÜZERİNDEN DE ULAŞABİLİRSİNİZ:
WWW.MAHLE-AFTERMARKET.COM**



Diğer kataloglar

Aşağıdaki kataloglar MAHLE Aftermarket'ten temin edilebilir:

- Pistonlar/Silindirlere/Kitler
- Piston segman setleri
- Kayar yataklar
- Supap bileşenleri
- MAHLE klasik seri
- Binek araçlar ve transporterler için filtreler
- Ağır vasıtalar, otobüsler ve transporterler için filtreler
- Tarım ve inşaat makineleri ve diğer motorlar için filtreler
- Motosikletler için filtreler
- Filtre karşılaştırma listesi
- Binek araçlar, transporterler, otobüsler ve ağır vasıtalar için termostatlar
- Binek araçlar, transporterler, otobüsler ve ağır vasıtalar için turboşarjlar
- Kamyonlar ve otobüsler için alternatörler ve marş motorları
- Tarım ve iş makineleri ile diğer motorlar için alternatörler ve marş motorları
- Elektrik motorları

Tüm ürün yelpazesini CD'mizde veya birkaç tıklama ile www.mahle-aftermarket.com adresinde de bulabilirsiniz. Ayrıca, MAHLE Aftermarket ürün yelpazesi ile ilgili tüm veriler TecDoc üzerinden de temin edilebilir.

Yatak türleri

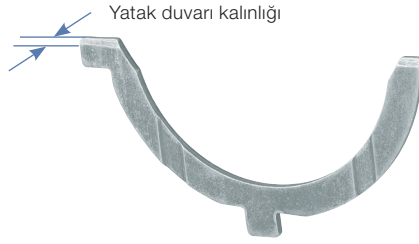
Yatak yarımları

HL Ana yatak

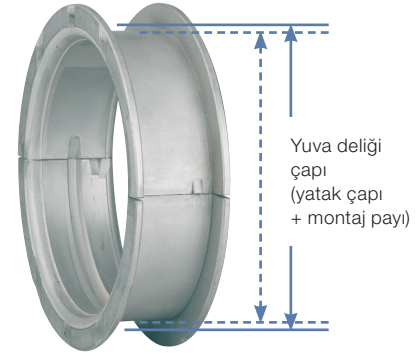
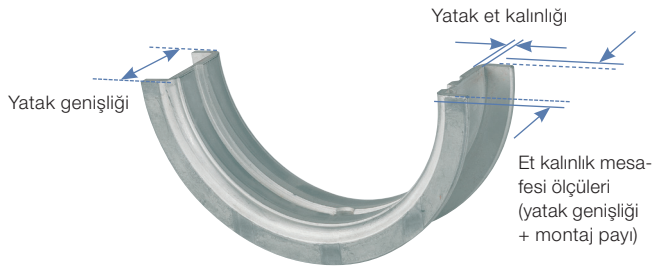
PL Kol yatak



AL Gezinti ay yatağı



FL Flanşlı yatak



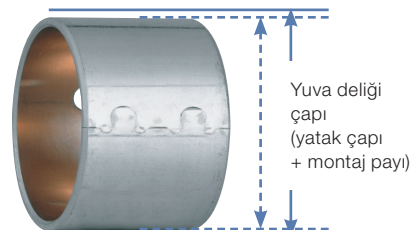
Yatak burçları

BB Piston pimi burcu

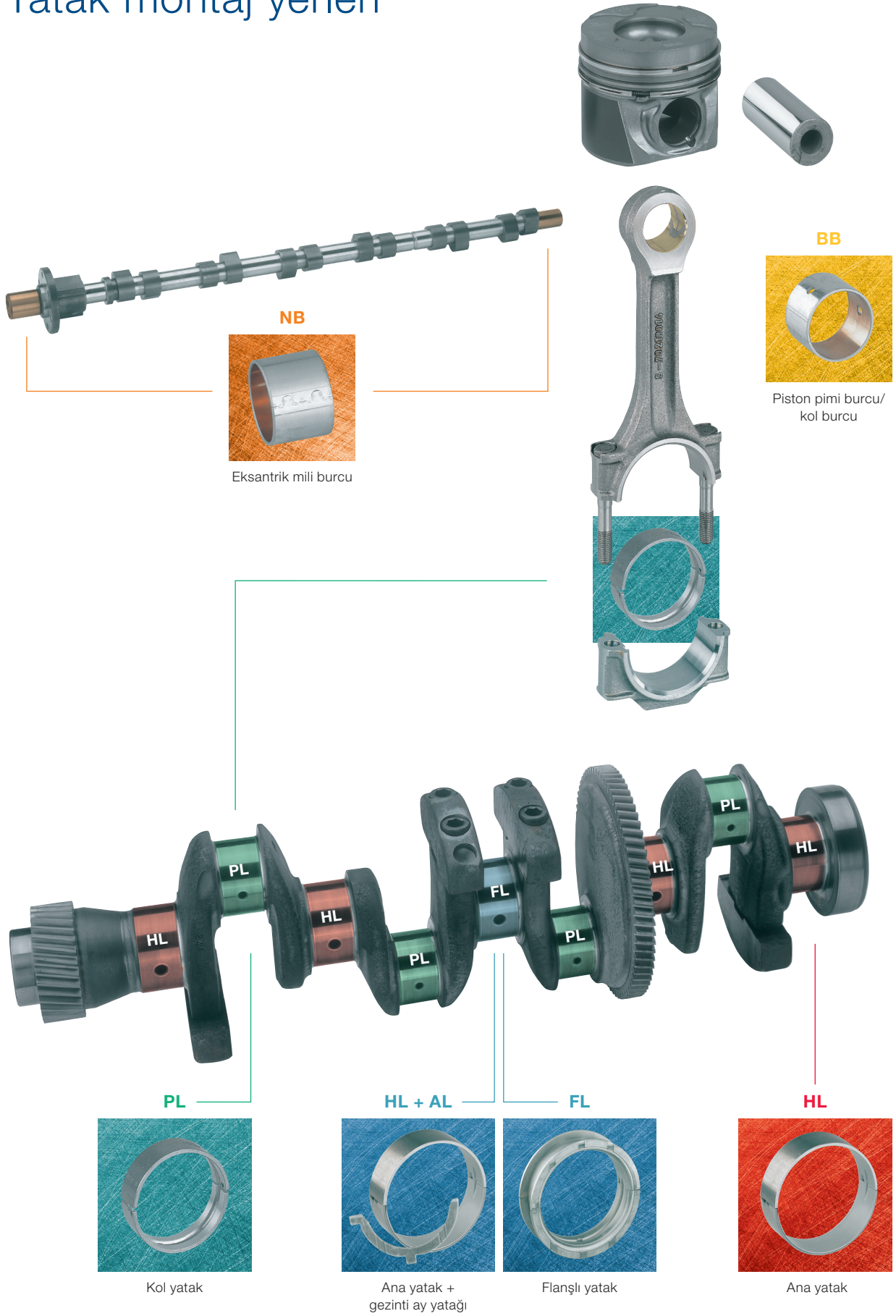
KB Külbütör burcu

LB Yatak burcu

NB Eksantrik mili burcu



Yatak montaj yerleri



Teknik deyimler ve hammadde

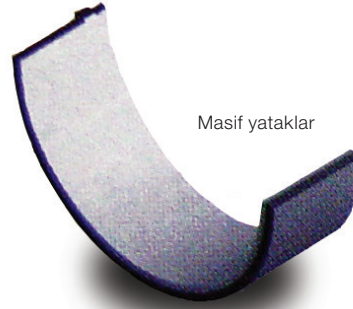
Modeller

Masif yataklar tamamen yatak metalinden üretilmektedir. Çoğu kez özel bronz alaşımları kullanılmaktadır. Masif yatakların çoğu burçlardır.

Bimetal yataklar çelik destek çekirdeği, bir ara tabaka ve bir tabaka yatak metalinden oluşmaktadır. Yatak metali olarak genelde alüminyum alaşımlarından yararlanılmaktadır. Bimetal yataklar, alt veya orta yüklemeye dereceli, buji ateşlemeli benzinli ve doğal emişli dizel binek araç motorlarında kullanılmaktadır.

Üç metal katmanlı yataklar, çelik destek çekirdeği, bir yatak tabakası, bir bariyer tabakası ve üst kayar tabakadan oluşur. Ağır yüklemeye altındaki motorlarda genellikle üç metal katmanlı yataklar kullanılır. **Püskürtme yatak**, aynı şekilde üç metal katmanlı bir yataktır. Özel bir üretim sürecine (iyon bombardımanı ile kaplama) tabi tutulan bu yataklar, çok daha yüksek sertlik ve aşınma direncine ulaşmaktadır. Bu nedenle püskürtme yataklar, yüksek performanslı ara soğutmalı turbo ve süper-şarj motorlar için elverişlidir. Yalnızca ticari araçlarda değil, aynı zamanda giderek artan bir şekilde binek araçların dizel motorlarında da kullanılmaktadır.

Tüm yatak tasarımları çoğu kez, galvanize kalay tabakası ile kaplanarak korozyona karşı ilave bir korunma sağlanır.



Masif yataklar



Bimetal yataklar



Üç katmanlı yataklar



Hammadde

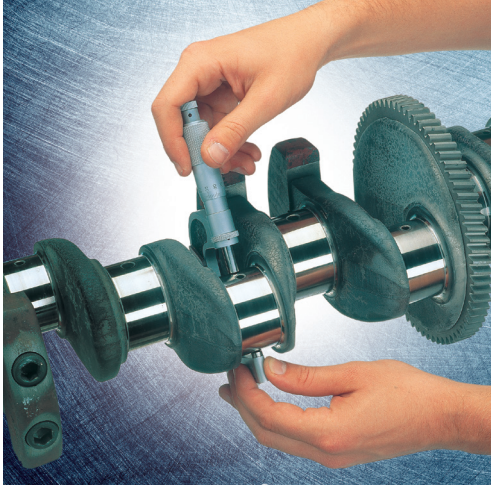
Uygulamaya bağlı olarak MAHLE kayar yatakları, birçok farklı yatak metali ile kaplanan yüksek dirençli bir çelik destek çekirdeğinden oluşmaktadır. Yatak malzemeleri, ilgili uygulama alanına en iyi kombinasyonu sunabilmek için, çeşitli malzemelerinin olumlu özellikleri birbirini tamamlayacak şekilde seçilmektedir.

Kayar yataklardan günümüzdeki ve gelecekteki beklentileri karşılayabilmede malzeme geliştirme çalışmaları anahtar konumu üstlenmektedir. Uzun yıllara dayanan AR-GE çalışmalarından kaynaklanan uzmanlığı sayesinde MAHLE, çok sayıda yüksek nitelikli yatak alaşımına sahiptir. Bunların arasında alüminyum ve bronz alaşımlarını sayabiliriz.

Ham-madde	Yüzde olarak metal oranları (%)							Üst kaplama
	Bakır	Alüminy	Silisyum	Kurşun	Kalay	Antimon	Diğer	
M 1	3				89	8		
M 5	80			10	10			
M 7	73			23	4			
M 10	89			1	10	15	0,5	
M 11	0,5			74	10	15	1	
M 23				83	1			
M 30	70			30				
M 31	70			30				P 77
M 83	1	91	1					P 77
M 100	80			10	10			
M 114	78			20	2			P 77, P 80, P94
M 157	1	79			20			
M 172	2	81			17			
M 183	2	91	2					P 77, P 80
M 215	2	83	4		11			
M 218	2	83	4		11			
M 221	85			2	11,5			
M 222	83			7	7			
M 250	73			23	4			
M 330	78			20	2			AlSn iyon püskürtme
M 331	75			23	2			AlSn 40Cu iyon püskürtme
M 770	74			25	1			
M 780	78			20	2			P 77
M 790	72			23	3,5			
M 800	74			20	2			P 77
M 810	0,8	87	3		9		0,2	
M 817	1	80,3		1,7	17			
M 900	75			23	2			Q1
M 901	75			23	2			P 77, P 78, P 80
M 902				83	6	10		
M 916	1	79			20		0,3	
M 920	1	90	2		6		1	

Montaj önerileri

1. Motorun sökülmesi sırasında birbirine ait olan parçalar işaretlenmelidir.
2. Krank milini demonte ederken hiç bir parçanın hasar görmemesine dikkat edilmelidir. Sökülen parçalar özenle temizlenmelidir. Yatak hasarlarının en yaygın nedeni kirlenmedir. Dolayısıyla yağ devri daimine ait parçalar, özellikle motor bloğunun ve krank milinin yağlama galerileri ve krank mili özenli bir şekilde temizlenmelidir.
3. Parçaların kontrolü



Ana delikler ve krank muyluları (yüzey, radyuslar ve yağ tahliye delikleri), ölçüsel, dairesellik, sertlik, pürüzlük ve silindirik durumları bakımından kontrol edilmelidir. Aynı zamanda parçalarındaki hasarların kontrol edilmesi gerekmektedir.

Biyel kollarının eğilme ve bükülmeye maruz kalıp kalmadıklarını kontrol edin.

Prensip olarak daima ilgili motor üreticisinin talimatlarına ve verilerine riayet edilmelidir.

4. Yuva deliğinin şekli, kayar yatağın kullanım ömrüne büyük etki yaratır. Bu nedenle ilgili motor üreticisinin bu husustaki sıkma talimatlarına uygun olarak, önce kep civataları sıra ile sıkıldıktan sonra yuva deliği baralama işlemi gerçekleştirilmelidir.

Gerektiğinde test montajı gerçekleştirilmeli ve nihai montajdan önce ana delikler temizlenmeli ve yeni kayar yatakların koruması çıkarılmalıdır. Kuru çalıştırma nedeniyle oluşabilecek hasarları önlemek için, kayar yatağın montajında çalışma yüzeyleri temiz motor yağı ile yağlanmalıdır.

Değişik malzemelerden imal edilmiş yatak çiftlerinde doğru montaja dikkat edilmesi gerekmektedir. Bu kayar yatakların arkalarında "upper" (üst) veya "lower" (alt) terimleri görülmektedir. "upper" ile işaretlendirilmiş olan yarım kayar yatak üniteleri yuvanın üstüne, "lower" ile işaretlendirilmiş olanlar ise kepe ve/veya yuvanın altına monte edilmelidir.

Kayar yatakların doğru konumlandırılmasından sonra kapak civataları talimatlara uygun olarak sıkılmalıdır. Bunun akabinde yatak delik çapları, biri yükleme yönünde olmak üzere üç ayrı ölçü düzleminde kesin olarak ölçülmelidir.

5. Flanşlı yatağın montajından önce, krank milinin muylu yan genişliği ile flanşlı yatağın toplam genişliği arasındaki ölçü farkı kontrol edilmelidir.

Montaj esnasında krank milinin kolayca ve sarsıntısız bir şekilde dönüp dönemediğini ve ayrıca krank milinin aksel gezintisini kontrol edin.

Biyel kolunun aksel boşluğunu kontrol ederken biyel kolunun kolay hareket edebilmesine dikkat edin.

Prensip olarak daima ilgili motor üreticisinin geçerli talimatlarına ve verilerine riayet edilmelidir.

Ambalajda da önce güvenlik!

MAHLE Original motor parçaları, motorlu taşıt parça piyasasında en çok beğenilen ürünler arasında yer almaktadır ve bunun sonucunda taklitçilerin de gözdesidir. Bu nedenle ürünlerimizi uzun yıllardan beri özenle hazırlanmış ambalajlar ve güvenlik etiketleriyle koruyoruz. Şimdi taklit edilmezliği sağlama konusundaki yatırımlarımıza bir yenisini ekliyor ve kademe kademe MAHLE Original motor parçaları ambalajlarını, yeni güvenlik etiketleri ile donatmaya başlıyoruz.

İçerik orijinal mi? Güvenlik bandı bozulmamış ise, evet!

Ambalaj ve güvenlik bandı hasar görmemiş ise, ambalajın içinde gerçekten söz konusu MAHLE motor parçasının bulunduğundan emin olabilirsiniz. Ambalajı açarken ve daha sonraki işlemlerde, kırılğan hassas parçaların zarar görmemesine özellikle dikkat edin.

Yeni MAHLE güvenlik etiketi

MAPP kodu ve VeoMark kombinasyonu sayesinde, en yüksek taklit edilmezlik sağlanmaktadır.



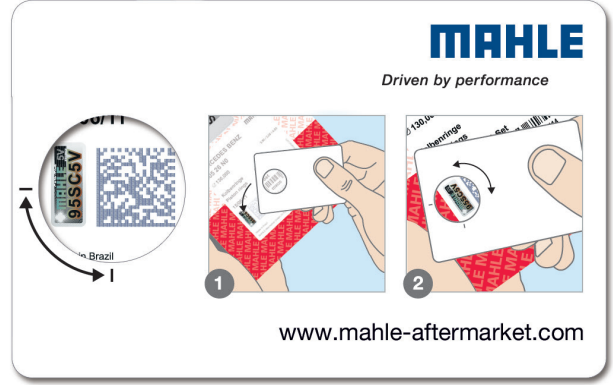
SECURITY STRIP

Güvenlik bandı

Bu mühürleme bandı, bir kez açılmış olan ambalajın, artık açılmış olduğunu açığa çıkarmaktadır.

Orijinal ambalaj mı? Güvenlik etiketi gerçektir ise, evet!

Yeni MAHLE güvenlik etiketi, çok sayıda güvenlik işaretinin kombinasyonu ve bunların özel bir şifreleme yöntemi ile bağlantısı sayesinde, taklitten mümkün olan en yüksek korunmayı sağlamaktadır. Bu veriler yardımıyla, MAHLE kutunuzun orijinal mi yoksa sahte mi olduğunu çabuk kontrol edebilirsiniz.



Orijinal veya sahte? Bu sorunun yanıtını size özel filtre verecektir. Satış partnerinizden temin edebilirsiniz.

Yeni MAHLE güvenlik etiketi



VeoMark

- 1 Yüksek çözünürlüklü kopyalama koruması için HDI yıldızı (High Definition Image)
- 2 Gökkuşakı renklerinde parlayan MAHLE logosu (VeoMark en iyi şekilde, yapay ışığa karşı doğrudan tutulduğunda görünür)
- 3 LensCode (= rastgele kodun son 2 rakamı) – özel filtre ile görünür
- 4 Seri numarası (siyah, dış hatlar gökkuşakı renklerinde parlıyor) – rastgele kodun son 6 hanesine denk gelmektedir

Bir bakışta doğrulama

Rastgele kod rakamlarını VeoMark üzerindeki bilgilerle karşılaştırın:



- Son 6 hane, VeoMark üzerindeki seri numarasıyla aynı mı?
- Son 2 hane LensCode ile aynı mı? Birlikte verilen MAHLE özel filtresini, kodun üzerine koyup çevirdiğinizde, LensCode görünür.

Çevrimiçi kontrol

www.mahle-aftermarket.com adresi üzerinden basılı kodun geçerli olup olmadığını kontrol edebilirsiniz:

- 2B veri matrisini (MAPP kodu) bir 2B barkod tarayıcısı ile tarayın.
- Diğer bir seçenek: MAPP kodunun iki satırını, yani GTIN ve rastgele kodu, manuel olarak öngörülen alanlara girin (parantezler dahil, fakat boşluk işareti ve satır kesmesi olmadan). Veri kontrolünün sonucu birkaç saniye içerisinde görüntülenecektir.

Sayfa yapısı ve ürün kodlarının dökümü

1 AUDI		MAHLE														
2 Ø 81		5	6	7	8	9	10	11	12	13	14	15	37	3		
4	1B R 5 Benzin, 2226 cm ³ , 147 kW (200 PS) Turbo 200 01/1983...11/1999	57,958 57,978	63,000 63,019	18,500	2.502	1.-6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	6	029 HS 18815 000 025 050 075				
	AAN, ABY R 5 Benzin, 2226 cm ³ , 169 kW (230 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	18,500	2.502	1.2.4.5.6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	5	029 HS 18819 000 025 050 075				
	ADU R 5 Benzin, 2226 cm ³ , 232 kW (316 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	24,860 24,910	2.491 2.503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750	FL 18818 1)	1					
	RR R 5 Benzin, 2226 cm ³ , 162 kW (220 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	63,500	77,200		1.92 1.97			M157	0,000	AL 18820	2	029 AS 18822 000				
		63,500	77,200		1.92 1.97			M157	0,000	AL 18821	2					
		20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300				
		42,959 42,975	46,000 46,025	15,000	1.70 1.77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300 8)	1	029 LS 18190 000 300				
		41,959 41,975	45,000 45,025	15,000	1.70 1.77		0,025 0,066	M11	0,000 Semi	029 LB 18192 000 300	1					
	1) Wagenabstandsmaße siehe Anhang flange span see supplement															

1 Üretici firma

2 Silindir nominal çapı

3 İndeks sayıları

4 Motor tanımı

Motor verileri

Taşıtlar

İmalat yılı

5 Muylu çapı

Ölçü verileri, standart ölçülerdeki ilgili en küçük ve en büyük muylu çaplarına aittir. Yapılacak işlemler için yalnızca ilgili motor üreticisinin talimatları geçerlidir. Dikkat: Motor üreticisi tarafından öngörülen en alt ölçü kademelerinden daha fazla işleme uygulamaları hasarlara yol açabilir. Böylesi bir durumda tarafımızdan herhangi bir sorumluk üstlenilmemektedir.

6 Yuva deliği

İlgili alanlarda bilinen en küçük ve en büyük yuva deliklerine ait ölçüler belirtilmiştir. Ölçüm ancak, motor üreticisi tarafından öngörülen tork ya da sıkma momenti talimatları dikkate alınarak yapılan cıvata sıkma işleminden sonra gerçekleştirilmelidir. Dış büyük ölçülere sahip yataklar söz konusu olduğunda, bu durum ürünlerde belirtilmektedir.

7 Yatak genişliği

Bahsedilen ölçüler nominal ölçüler olup, azami yatak genişliğine ait tolerans verilerini içermez (standart ölçü).

Flanşlı yatak

Krank milindeki krank karşı ağırlıkları yanal yüzeylerinin işlenmesi gerekiyorsa, flanşlı yataklar standart ölçülerden daha geniş olmalıdır. Böylesi flanşlı yataklar standardına göre daha fazla genişlikte olduğundan krank milinin doğru aksel boşluk aralığı yeniden oluşturulabilir.

Gezinti ay yatakları

Yatak genişliğine ilave edilen toplam et kalınlığı, ilgili 2 adet gezinti ayının her birinin ayrı olarak toplamını ifade etmektedir, örneğin 0,50 mm alt ölçü kademesinde, her gezinti ay yatağı, standart modelden 0,25 mm daha kalındır.

- 8 Yatak et kalınlığı
Belirtilen ölçüler, et kalınlığının nominal ölçüleri olup (standart ölçü), montaja hazır durumdaki yataklar, burçlar ve kenar ay yataklarına aittir. Alt ölçü kademelerinde et kalınlığı, belirtilen alt ölçünün yarısı kadar daha büyüktür.
- 9 Montaj konumu
Belirtilen sayı, yatağın montaj yerini göstermektedir. Yatak montaj yerinin numaralanması, motor üreticisinin talimatlarına dayanarak gerçekleştirilmektedir.
- 10 Yatak montaj boşluk mesafesi
Yatak boşluk mesafesi, motor üreticisi tarafından gürültü azaltımı nedenlerinden dolayı daha küçük tanımlanabilmektedir. Bununla birlikte belirtilen yatak boşluklarında farklılıklar görülebilmektedir. Aksine özel bir talimat olmadığı sürece, yük yönünde muylu çapının yaklaşık 1 %'i kadar, orta derecede yatak boşluğu tavsiye etmekteyiz.
- 11 Yatak hammaddesi
- 12 Onarım ölçü kademeleri
Katalogta belirtildiği gibi, kayar yataklar hem standart ölçülerde hem de motor üreticileri tarafından izin verilen ölçü kademelerine uygun olarak normalden daha küçük boyutlarda temin edilebilir. Ayrıca istek üzerine başka ölçü kademelerinde de üretim yapmakta ve teslim etmekteyiz.

- 13 Parçaların ürün kodları **029 LB 18192 300**
Araç üreticisi kodu **029** xx xxxxx xxx
örneğin Volkswagen "029"
Yatak tipi xxx **LB** xxxxx xxx
Sıra numarası xxx xx **18192** xxx
Ölçü kademeleri ya da xxx xx xxxxx **300**
alt ölçü kademeleri
Örneğin içten son ölçüye getirilmemiş dıştan standart için "300"
Tek bir parçanın tanımlama işareti:
- 14 Yatak tipi + sıra numarası
Adet
Yatak setinde bulunan yatak sayısı (yarım yataklarda çift olarak veya gezinti ay yatakları ve yatak burçlarında adet olarak). Yatak setinde bir motor için gerekli olan tüm parçalar mevcuttur.
- 15 Set ürün kodları **029 PS 18146 000**
Araç üreticisi kodu **029** xx xxxxx xxx
Yatak tipleri xxx **PS** xxxxx xxx
AS = Gezinti ay yatağı seti (gezinti ayı seti)
BS = Piston pimi burç seti
HS = Ana yatak seti
KS = Külbütör burç seti
LS = Yatak burç seti
NS = Eksantrik mili burç seti
PS = Kol yatak seti
Sıra numarası xxx xx **18146** xxx
Ölçü kademeleri ya da xxx xx xxxxx **000**
alt ölçü kademeleri
Örneğin standart için "000"

Olası ilave veriler ve özellikler dipnotta gösterilmektedir.

İçten son ölçüye getirilmemiş ölçü kademelerinin tanımlanması

Numara	300	310	311	312	313	314	315
Torna edilebilir ...den		0,50	0,75	1,00	1,50	2,00	2,50
...'e kadar	0,00	0,00	0,00	0,00	0,00	0,00	0,00

İnç ölçü kademelerinin tanımlanması

Numara	200	202	207	205	210	215	220	225	230	240	245	250	260	270	275
İnç	.000	.0025	.0075	.005	.010	.015	.020	.025	.030	.040	.045	.050	.060	.070	.075
mm	0,000	0,064	0,191	0,127	0,254	0,381	0,508	0,635	0,762	1,016	1,127	1,270	1,524	1,778	1,905

Lütfen sipariş verirken göz önünde bulundurun: Sadece ürün kodları, 13. ve 15. sütunlarda eksiksiz ve kalın basılmış olarak belirtilmiş olan ürünler sipariş verilebilir.

Kısaltmalar

Motorlar/taşıtlar		Kayar yataklar	
Yakıt		Bileşen tanımları	
Benzin	Yakıt: benzin	AL	Gezinti ay yatağı
Diesel	Yakıt: dizel	BB	Piston pimi burcu
Gas	Yakıt: otogaz	FL	Flanşlı yatak
Motor çeşitleri		HL	Ana yatak
B	Boxer motor	KB	Külbütör burcu
Kompressor	Kompresör	LB	Yatak örneğin ara mil için
R	Sıra tipi motor	NB	Eksantrik mili burcu
Motor	Tek silindiri	PL	Kol yatak
V	V tipi motor	Set tanımları	
VR	VR tipi motor	AS	Gezinti ay yatağı seti (gezinti ayı seti)
W	W tipi motor	BS	Piston pimi burç seti
Karışım hazırlama		HS	Ana yatak seti
Vergaser	Karbüratör	KS	Külbütör burç seti
Soğutma		LS	Yatak burç seti
luftgekühlt	Hava soğutmalı	NS	Eksantrik mili burç seti
wassergekühlt	Su soğutmalı	PS	Kol yatak seti
Şarj		İşleme durumu	
LLK	Ara soğutma (intercooler)	Semi	Ön işleme tabi tutulmuş – son ölçüye getirilmemiş, açıklama için sayfa yapısına bakınız.
Turbo	Turbo şarjlı		
Katalizörler			
Katalysator	Katalitik konverter		
Motor özellikleri			
... Ventile	... supaplar/silindirler		
Pleuellänge ... mm	Biyel kolu uzunluğu (mm)		
Notlar			
3-Loch	3 delikli bağlantı		
4-Loch	4 delikli bağlantı		

Önemli uyarılar

Araç ve motor üreticilerinin orijinal yedek parça numaraları, sistem içi karşılaştırma amacına hizmet etmektedir. Bu numaralar, menşe işaretleri değildir ve araç sahiplerine karşı kullanılmamalıdır.

Bu kataloğun düzenlemesi ve basımı birkaç hafta sürecektir. Bundan dolayı, en son girişler muhtemelen kaydedilemeyecektir. Aynı şekilde bir ürün, seri üretim sırasında değişikliğe uğramış olabilir. Esas itibarıyla, bu konuda bize veya satış ortaklarımıza danışmanızı tavsiye ederiz.

Ürünlerimiz, yalnızca eğitimli uzman personel tarafından monte edilmelidir.

Bu katalogdaki veriler özenle hazırlanmıştır. Ancak, söz konusu verilerin doğruluğu konusunda herhangi bir sorumluluk kabul etmemekteyiz.

Üretici firma tarafından gerçekleştirilebilecek motor ve model tanımları ile ürünlerdeki bir değişiklik, yine bu hükme tabidir.

Bu kataloğun yayınlanması ile birlikte daha önceki baskılar geçerliliğini yitirir. Tüm haklarımızı saklı tutmaktayız. Yapılacak kopya ve alıntılara, yalnızca daha önce bizden alınacak yazılı onay ile izin verilir. Herhangi bir suistimal durumunda yasal yollara başvurulacaktır.



إيضاحات

أرقام قطع الغيار الأصلية الخاصة بصانعي السيارات والمحركات يتم استخدامها فقط لأغراض المقارنة الداخلية. وهي ليست بتسمية مصدر أو منشأ ولا يسمح باستخدامها في مواجهة مالكي السيارات.

تجميع بيانات وطباعة هذه القائمة يمتد ليشمل عدة أسابيع فقط. نتيجة لذلك فإن بيانات المنتجات المستجدة لا يكون من الممكن احتوائها في القائمة. ولكن من الممكن أن يتم تعديل المنتج أثناء إنتاج الطراز. وبناءً عليه يتم الرجوع إلينا أو إلى شريك التوزيع التابع لنا.

يجب عدم تركيب أو فك المنتج الخاص بنا إلا من قبل فني خبير بذلك.

البيانات الموجودة في هذا الكتالوج تم تحريرها بدقة. ولا تتحمل أي ضامن تجاه صحة هذه البيانات.

وبنفس القدر فإن حدوث تغييرات في تسميات المحركات والطرازات من قبل منتجها وكذلك في المنتجات يكون خاضعاً لهذا التحفظ.

مع ظهور ونشر هذا الكتالوج فإن كافة البيانات السابقة له تصبح لاغية وتفقد صلاحيتها. ونحن نحتفظ لأنفسنا بكافة الحقوق. إعادة الطبع وأخذ مستخرجات أو مقتطفات من الكتالوج لا يكون مسموحاً به إلا بعد الحصول مسبقاً على موافقة كتابية من قبلنا. الانتهاكات سوف يتم تعقبها قانونياً.

الاختصارات

المحامل الانزلاقية		المحركات/السيارات	
أسماء الأجزاء الفردية		أنواع الوقود	
فلكة الدفع	AL	الوقود: بنزين	Benzin
بطانة محور الكبس	BB	الوقود: ديزل	Diesel
محمل دليبي	FL	الوقود: غاز	Gas
محمل رئيسي	HL	أنواع المحركات	
بطانة هزاز الصامة	KB	محرك متضاد الأسطوانات	B
بطانة المحمل	LB	ضاغط	Kompressor
بطانة عمود الكامات	NB	محرك مستقيم	R
محمل ذراع التوصيل	PL	محرك أحادي الأسطوانة	Motor
أسماء المجموعات		محرك V	V
مجموعة فلكات الدفع	AS	محرك VR	VR
مجموعة بطانات الطرف الصغير	BS	محرك W	W
مجموعة المحامل الرئيسية	HS	تجهيزات الخلط	
مجموعة بطانات الذراع المترجح	KS	الكروبوتور	Vergaser
مجموعة بطانات المحمل	LS	التبريد	
مجموعة بطانات عمود الكامات	NS	تبريد هوائي	luftgekühlt
مجموعة محامل أذرع التوصيل	PS	تبريد مائي	wassergekühlt
حالات المعالجة		الشحن	
معالجة مسبقة، للتوضيح انظر "فصل استخدام الكتلوج"	Semi	تبريد هواء الشحن	LLK
		شاحن توربيني	Turbo
		أجهزة تنقية العادم	
		جهاز تنقية العادم	Katalysator
		خصائص المحرك	
		... صامات/أسطوانات	... Ventile/Zylinder
		طول ذراع التوصيل بوحدة مم	Pleuellänge ... mm
		ملاحظات	
		تثبيت ثلاثي الفتحات	3-Loch
		تثبيت رباعي الفتحات	4-Loch

- رقم القطعة للأجزاء الفردية **029 LB 18192 300**
- الرقم الكودي للجهة الصانعة للسيارة مثل "029" لفولكس فاجن. **029 XX XXXXX XXX**
- طراز المحمل **XXX LB XXXXX XXX**
- رقم متسلسل **XXX XX 18192 XXX**
- درجات المقاسات أو **XXX XX XXXXX 300**
- درجات مقاسات صغرى مثل "300" لشبه القياسي اسم الجزء:
- طراز المحمل + رقم متسلسل **14**
- عدد القطع
- عدد المحامل (بالأزواج في حالة أنصاف المحامل أو بالقطعة في حالة فلنكات الدفع وبطانات المحمل) الموجودة في مجموعة المحامل. تحتوي مجموعة المحامل على الأجزاء اللازمة لمحرك واحد.
- رقم القطعة للمجموعة **029 PS 18146 000**
- الرقم الكودي للجهة الصانعة للسيارة **029 XX XXXXX XXX**
- طرازات المحمل **XXX PS XXXXX XXX**
- AS = مجموعة فلنكات الدفع
- BS = مجموعة بطانات الطرف الصغير
- HS = مجموعة المحامل الرئيسية
- KS = مجموعة بطانات الذراع المترجح
- LS = مجموعة بطانات المحمل
- NS = مجموعة بطانات عمود الكامات
- PS = مجموعة محامل أذرع التوصيل
- رقم متسلسل **XXX XX 18146 XXX**
- درجات المقاسات أو **XXX XX XXXXX 000**
- درجات مقاسات صغرى مثل "000" للمعياري
- البيانات الإضافية والخصائص ستجدها في الحاشية السفلية.

- 8 سمك جدار المحمل المقاسات المذكورة هي مقاسات اسمية لسمك الجدار (مقاسات معيارية) وتطبق على المحامل والبطانات وفلنكات الدفع الجاهزة للتركيب. وفي حالة المقاسات الصغرى يكون سمك الجدار أكبر بمقدار نصف المقاس الأصغر المذكور.
- 9 موضع التركيب الرقم المذكور يشير إلى موضع تركيب المحمل. ويتم ترقيم موضع تركيب المحمل وفقاً لبيانات الجهة المنتجة للمحرك.
- 10 خلوص تركيب المحمل لأسباب تتعلق بالضوء، يمكن تقليل خلوص المحمل من قبل الجهات الصانعة للمحركات. وهنا قد تحدث فروق بالنسبة للخلوص المذكور للمحمل. عندما لا تتوفر بيانات أخرى، نوصي بالالتزام بخلوص متوسط للمحمل في اتجاه المحمل بمقدار حوالي 1٪ من قطر المركز.
- 11 مادة المحمل
- 12 تعديل درجات المقاسات يتم توريد المحامل الانزلاقية - كما هو مشروح في الكتالوج - بدرجات مقاسات معيارية وبدرجات مقاسات صغرى تتطابق مع درجات المقاسات المصرح بها من قبل الجهات المنتجة للمحركات. ويمكننا أيضاً إنتاج وتوريد درجات مقاسات أخرى حسب رغبة العميل.

تمييز درجات المقاسات التقريبية

الرقم	310	311	312	313	314	315
قابل للثقب من	0,50	0,75	1,00	1,50	2,00	2,50
إلى	0,00	0,00	0,00	0,00	0,00	0,00

تمييز درجات المقاسات ذات وحدة "البوصة"

الرقم	200	202	207	205	210	215	220	225	230	240	245	250	260	270	275
بوصة	0,00	0,025	0,075	0,05	0,10	0,15	0,20	0,25	0,30	0,40	0,45	0,50	0,60	0,70	0,75
مم	0,000	0,635	1,915	1,270	2,540	3,810	5,080	6,350	7,620	10,160	11,430	12,700	15,240	17,780	19,050

عند الطلب يرجى مراعاة ما يلي: يمكن فقط طلب المنتجات التي تحتوي في العمود 13 أو 15 على رقم قطعة كامل مطبوع بخط سميك.

تنظيم الصفحة وتوضيح الترميم الخاص بكل قطعة

AUDI		MAHLE													
Ø 81		3	4	5	6	7	8	9	10	11	12	13	14	15	37
1B R 5 Benzin, 2226 cm³, 147 kW (200 PS) Turbo 200 01/1983...11/1999 AAN, ABY R 5 Benzin, 2226 cm³, 169 kW (230 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995 ADU R 5 Benzin, 2226 cm³, 232 kW (316 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995 RR R 5 Benzin, 2226 cm³, 162 kW (220 PS) Turbo 100 08/1991...07/1994 200 03/1991...11/1991 80 01/1993... A 6 06/1994... RS 2 03/1994...07/1995	57,958 57,978	63,000 63,019	18,500	2.502	1.-6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	6	029 HS 18815 000 025 050 075				
	57,958 57,978	63,000 63,019	18,500	2.502	1.2.4.5.6.	0,016 0,079	M114	0,000 0,250 0,500 0,750	HL 18817	5	029 HS 18819 000 025 050 075				
	57,958 57,978	63,000 63,019	24,860 24,910	2.491 2.503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750	FL 18818 1)	1					
	63,500	77,200		1.92 1.97			M157	0,000	AL 18820	2	029 AS 18822 000				
	63,500	77,200		1.92 1.97			M157	0,000	AL 18821	2					
	20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300				
	42,959 42,975	46,000 46,025	15,000	1.70 1.77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300 8)	1	029 LS 18190 000 300				
	41,959 41,975	45,000 45,025	15,000	1.70 1.77		0,025 0,066	M11	0,000 Semi	029 LB 18192 000 300	1					

1) Wagenabstandsmaße siehe Anhang
flange span see supplement

8) vordere Buchse für Zwischenwelle
front bushing for intermediary shaft

BB 18832

١ تجويف الجسم
يتم ذكر المقاسات الصغرى والكبرى المعروفة لتجويف الجسم. لا يمكن إجراء القياس إلا بعد ربط المسامير وفقاً لعزم الربط أو لتعليمات الربط الموصى بها من قبل صانع المحرك. وقد تم التنويه في حالة توفر المحامل بحجم زائد للإصلاح.

٢ عرض المحمل
المقاسات المذكورة هي مقاسات اسمية بدون بيانات التفاوت المسموح به للحد الأقصى لعرض المحمل (المقاس المعياري).

٣ المحامل الدليلية
عند إعادة شحذ الجوانب المرفقية للعمود المرفقي يجب أن تكون المحامل الدليلية ذات عرض أكبر من المقاس المعياري. لذا تتمتع هذه المحامل الدليلية بزيادة في مقاس العرض حتى يمكن استعادة الخلوص المحوري الصحيح للعمود المرفقي.

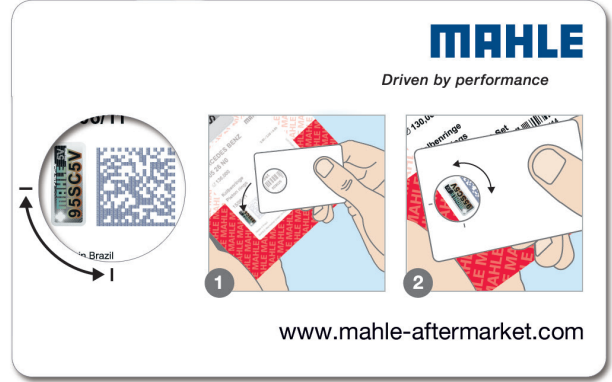
٤ فلكات الدفع
تستند زيادة سمك الجدار لعرض المحمل إلى القرصين المعننين، فمثلاً عند الدرجة الصغرى ٠,٥٠ مم تكون فلكة الدفع الفردية أكثر سمكاً من الطراز القياسي بقيمة ٠,٢٥ مم.

١ الجهة المنتجة
٢ القطر الاسمي للأسطوانة
٣ رقم الفهرسة
٤ اسم المحرك
٥ بيانات المحرك
نوع السيارة
تاريخ الصنع
قطر مركز العمود المرفقي

تقوم بيانات المقاس على أساس أصغر وأكبر مقاس معروف لقطر مركز العمود المرفقي في الأبعاد المعيارية. وبالنسبة للمعالجة لا تنطبق سوى تعليمات صانع المحرك. تنبيه: المعالجة على درجات قياس صغرى أكبر من المعتمدة من صانع المحرك يمكن أن تؤدي إلى حدوث أضرار. وفي هذه الحالة لا تتحمل أية مسؤولية.

ما هي علبة التغليف الأصلية؟ هي المزودة فقط بملصق ضمان حقيقي!

يحتوي ملصق الضمان الجديد من MAHLE على توليفة من عدة خصائص ضمان تقدم أفضل حماية ممكنة من التقليد بسبب تكاملها. بناءً على هذه البيانات يمكنك التحقق بسرعة مما إذا كانت علبة التغليف أصلية من MAHLE أم مزيفة.



أصلي أم مزيف: الفلتر الخاص يعطيك الإجابة. متوفر لدى وكيل التوزيع.

ملصق الضمان الجديد من MAHLE



التحقق من خلال نظرة سريعة
قارن أرقام الرمز العشوائي بالبيانات الموجودة بـVeoMark:



- هل تتطابق الأرقام الستة الأخيرة مع الرقم المسلسل بـVeoMark؟
- هل يتطابق الرقمان الأخيران مع Lens-Code؟ هذا يتضح عندما تضع الفلتر الخاص من MAHLE فوقها وتلقه بصورة مناسبة.

الفحص عبر الإنترنت

يمكنك عبر موقع www.mahle-aftermarket.com التحقق من صلاحية الرمز المطبوع:

- قم بمسح مصفوفة البيانات الثنائية الأبعاد (MAPP-Code) ضوئياً بواسطة ماسح ضوئي للباركود الثنائي الأبعاد.
- أو: أدخل رقمي MAPP-Code وكذلك رمز GTIN والرمز العشوائي يدوياً في الحقول المحددة (بما في ذلك الأقسام ولكن بدون مسافات أو فواصل بين الأسطر). نتيجة فحص البيانات تظهر خلال ثوانٍ معدودة.

- 1 نجمة HDI (صورة عالية الدقة) للحماية من النسخ بطريقة شديدة الوضوح
- 2 شعار MAHLE اللامع بألوان قوس قزح (أكثر وضوح له عندما يتم تسليط الضوء المباشر الصناعي باتجاه VeoMark)
- 3 رمز (=) الرقمان الأخيران للرمز العشوائي) - يظهر مع الفلتر الخاص
- 4 رقم السلسلة (أسود، حواف لامعة بألوان الطيف) يطابق الأرقام الستة الأخيرة للرمز العشوائي

التحقق من الرقم - حتى مع علبة التغليف

ما هو المحتوى الأصلي؟ هو المزود فقط بشريط الضمان السليم! في حالة سلامة علبة التغليف وشريط الضمان عندها فقط ستتأكد من أنه يوجد بالفعل في علبة التغليف جزء المحرك المقدم من MAHLE. يرجى عند فتح علبة التغليف وعند الاستعمال مراعاة ألا تتعرض الأجزاء الدقيقة الحساسة للضرر.

تعد أجزاء المحرك MAHLE Original من أكثر المنتجات طلباً في سوق قطع غيار الشاحنات ومن ثم يزداد تزييفها. ولذا فنحن نحميها منذ سنوات عديدة باستخدامات علب التغليف عالية التكلفة وملصقات الضمان. ونحن نتقدم باستشارتنا بخطوات في مجال الحماية من التزييف، ونزود تدريجياً جميع علب التغليف لأجزاء المحرك الأصلية من MAHLE Original بملصق ضمان جديد.

ملصق الضمان الجديد من MAHLE
يقدم الجمع بين رمز MAPP-Code و VeoMark أعلى قدر من الحماية ضد التزييف.



SECURITY STRIP

شريط الضمان
هذا الختم يوضح ما إذا كانت
علبة التغليف قد فُتحت مسبقاً.

توصيات التركيب

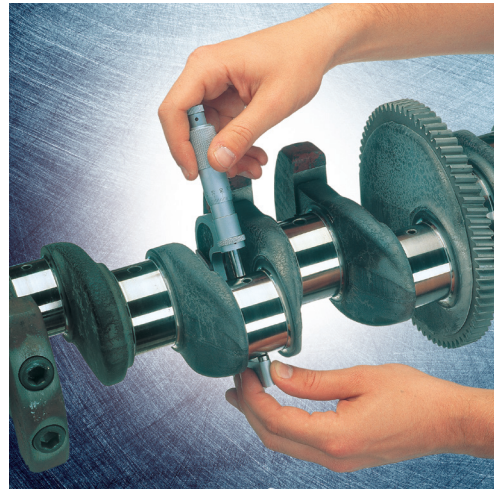
١. أثناء فك المحرك يجب تمييز الأجزاء المرتبطة ببعضها ببعض. ٤. يؤثر شكل فتحة الجسم تأثيراً كبيراً على العمر الافتراضي للمحامل الانزلاقية. ولهذا السبب لا يسمح بمعالجة فتحة العلبه إلا بعد فك المسامير، وفقاً للوائح الفك التابعة لمنتج السيارة.

٢. عند فك العمود المرفقي يجب الحذر من تعرض أية أجزاء للضرر. يجب تنظيف الأجزاء المفكوكه بعناية شديدة. فالسبب الرئيسي وراء تضرر المحمل هو الاتساخات. لذا يجب توخي الحرص الشديد عند تنظيف جميع أجزاء دورة الزيت وبخاصة قنوات الزيت بهيكل المحرك والعمود المرفقي.

٣. فحص الأجزاء

عند تركيب زوج محامل مصنوعين من مادتين مختلفتين يجب مراعاة التركيب الصحيح. فعلى ظهر محامل الاحتكاك هذه ستجد مصطلحات "upper" (أعلى) أو "lower" (أسفل). ومن ثم يتم وضع نصف محمل الاحتكاك المكتوب عليه "upper" أعلى العلبه والمكتوب عليه "lower" أسفل الغطاء.

يجب ربط مسامير الغطاء وفقاً للتعليمات بعد التركيب الصحيح للمحامل الانزلاقية. وبعد ذلك يتم بدقة قياس أقطار فتحات المحمل في ثلاثة مستويات قياس، منها مستوى في اتجاه المحمل.



٥. قبل تركيب المحمل الدليلي يجب فحص فرق القياس بين عرض جانب العمود المرفقي والعرض الكلي للمحمل الدليلي.

عند التجميع تأكد من إمكانية إدارة العمود المرفقي بسهولة وبدون اهتزاز، وافحص أثناء ذلك إمكانية التحرك المحوري للعمود المرفقي.

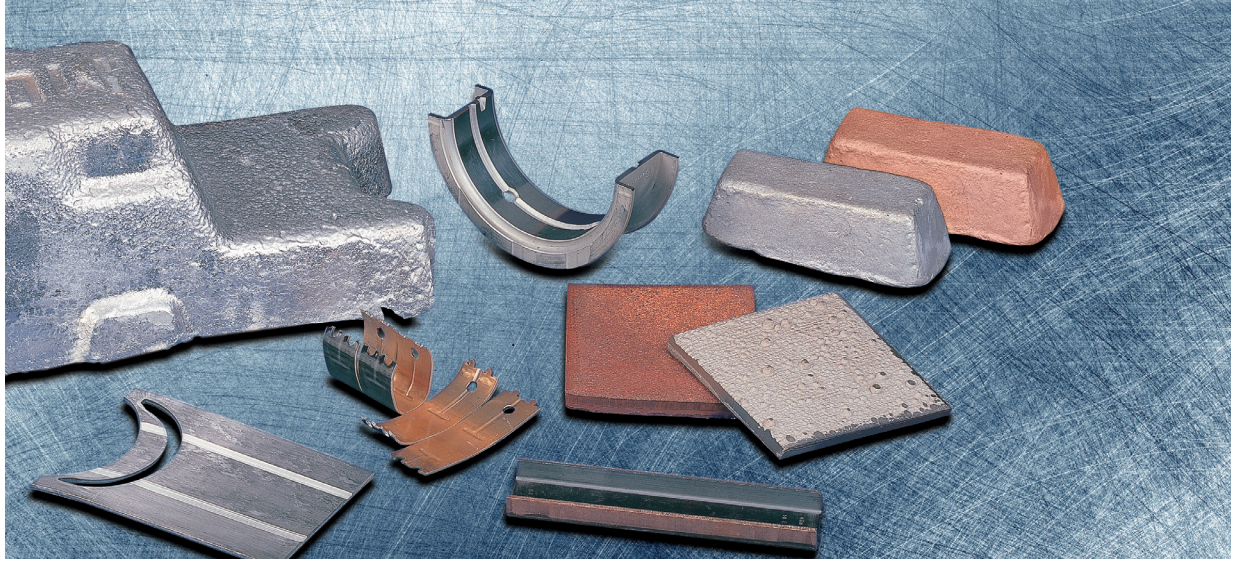
عند فحص الخلوص المحوري لذراع التوصيل ينبغي مراعاة سهولة تحرك ذراع التوصيل.

يجب بشكل أساسي مراعاة اللوائح السارية والبيانات الصادرة عن صانع المحرك.

يجب فحص الفتحات الأساسية ومسامير المرفق (السطح الخارجي وأنصاف الأقطار وفتحات خروج الزيت) من حيث المقاس والاستدارة والصلابة والخشونة والأسطوانية. ويجب أيضاً مراعاة عدم حدوث أضرار أثناء ذلك.

افحص أذرع التوصيل من حيث وجود أية انحناءات أو التواءات.

يجب بشكل أساسي مراعاة اللوائح المعنية وبيانات صانع المحرك.



ويُلبع تطوير المواد دوراً جوهرياً من أجل الوفاء بالمتطلبات الحالية والمستقبلية الواجب توافرها في المحمل الانزلاقي. ويتوفر لدى شركة MAHLE بناءً على خبرتها العريضة وأعمالها التطويرية عدد كبير من سبائك المحامل العالية القيمة. ومن بينها سبائك الألومنيوم والبرونز.

المواد

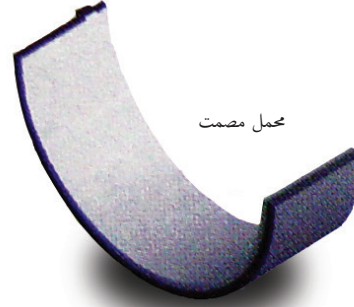
وفقاً للاستخدام تتكون المحامل الانزلاقية MAHLE من دعامة فولاذية شديدة الصلابة مغطاة بعدة طبقات من معادن محامل مختلفة. ويتم اختيار مواد المحامل بحيث تكون الخصائص الإيجابية للمواد المختلفة متكاملة ومناسبة تماماً لغرض الاستخدام.

المادة	المعادن بالنسبة المئوية							الطبقة الانزلاقية
	نحاس	ألومنيوم	سيليكون	رصاص	قصدير	إثمد	أخرى	
M 1	٣				٨٩	٨		
M 5	٨٠			١٠	١٠			
M 7	٧٣			٢٣	٤			
M 10	٨٩			١	١٠	١٥	٠,٥	
M 11	٠,٥			٧٤	١٠	١٥	١	
M 23				٨٣	١			
M 30	٧٠			٣٠				
M 31	٧٠			٣٠				P 77
M 83	١	٩١	١					P 77
M 100	٨٠			١٠	١٠			
M 114	٧٨			٢٠	٢			P 77, P 80, P94
M 157	١	٧٩			٢٠			
M 172	٢	٨١			١٧			
M 183	٢	٩١	٢					P 77, P 80
M 215	٢	٨٣	٤		١١			
M 218	٢	٨٣	٤		١١			
M 221	٨٥			٢	١١,٥			
M 222	٨٣			٧	٧			
M 250	٧٣			٢٣	٤			
M 330	٧٨			٢٠	٢			طلاء بالرش AISn
M 331	٧٥			٢٣	٢			طلاء بالرش AISn 40Cu
M 770	٧٤			٢٥	١			
M 780	٧٨			٢٠	٢			P 77
M 790	٧٢			٢٣	٣,٥			
M 800	٧٤			٢٠	٢			P 77
M 810	٠,٨	٨٧	٣		٩		٠,٢	
M 817	١	٨٠,٣		١,٧	١٧			
M 900	٧٥			٢٣	٢			Q1
M 901	٧٥			٢٣	٢			P 77, P 78, P 80
M 902				٨٣	٦	١٠		
M 916	١	٧٩			٢٠		٠,٣	
M 920	١	٩٠	٢		٦		١	

الطرازات والمواد

الطرازات

المحامل المصمتة تتكون بالكامل من معدن المحمل. وغالباً ما تستخدم في ذلك سبائك برونز خاصة. ومعظم المحامل المصمتة هي عبارة عن بطانات.



المحامل الثنائية المواد تتكون من طبقة داعمة من الفولاذ وطبقة بينية وطبقة من معدن المحمل. وغالباً ما تستخدم سبائك الألومنيوم كمعدن للمحمل. وتستخدم المحامل الثنائية المواد مع محركات البنزين ومحركات الديزل ذات السحب الطبيعي التي يتراوح تحميلها من الخفيف إلى المتوسط في السيارات الخاصة.

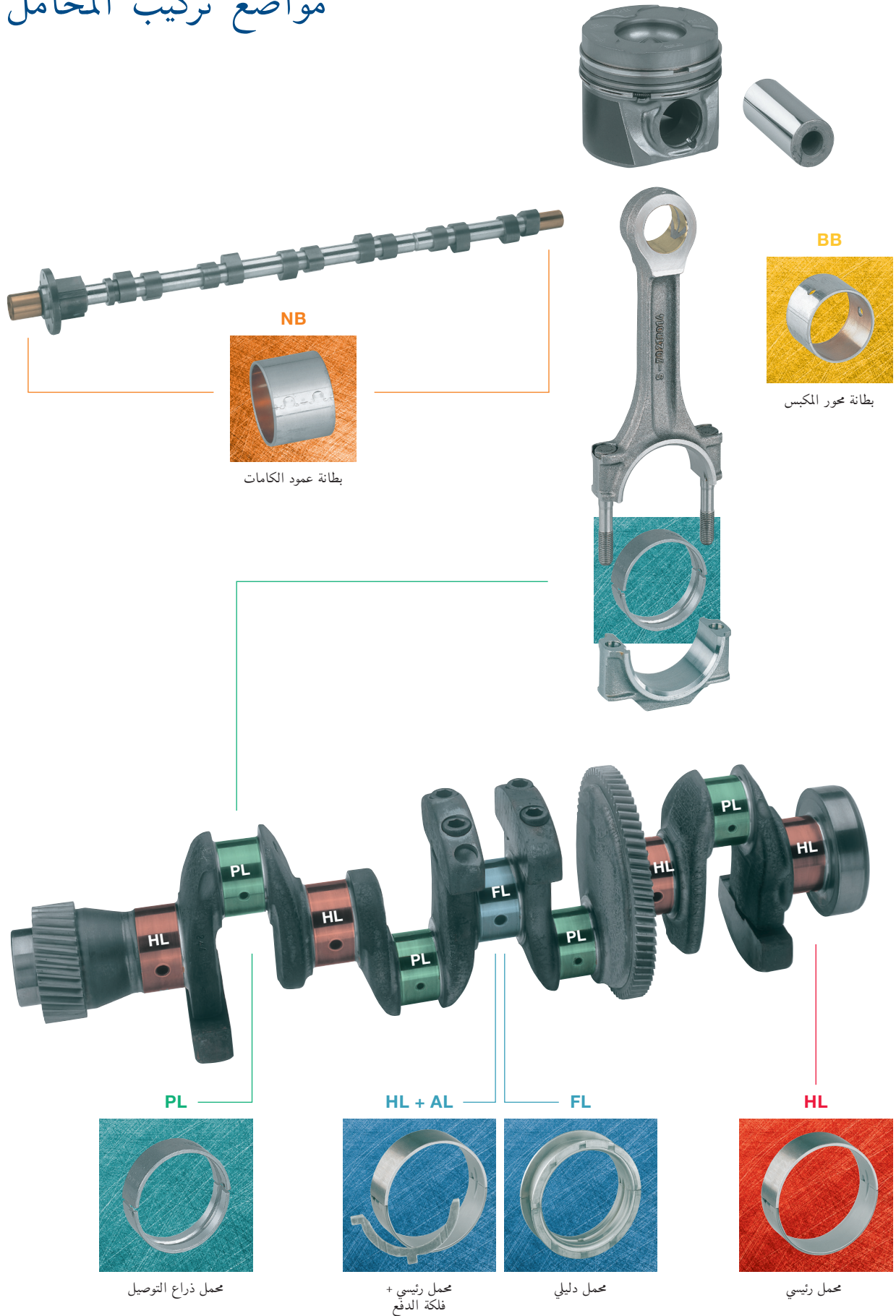


المحامل الثلاثية المواد تتكون من طبقة داعمة من الفولاذ وطبقة سطحية وطبقة مانعة والطبقة الانزلاقية. وغالباً ما تستخدم المحامل الثلاثية المواد في المحركات العالية التحميل. ويعتبر محمل الرشاشة أيضاً محمل ثلاثي المواد. وبفضل طريقة الإنتاج الخاصة (الرشاشة) يتميز هذا المحمل بصلابة أكبر بوضوح وبمقاومة أشد للتآكل. ومن ثم يتناسب هذا النوع من المحامل بشكل خاص مع المحركات العالية الشحن ذات نظام تبريد هواء الشحن. وفي المرحلة التالية بعد محركات السيارات التجارية تستخدم أيضاً محامل الرشاشة بكثرة في محركات الديزل للسيارات الخاصة.

جميع طرازات المحامل محمية في معظم الحالات أيضاً من التآكل بفضل طبقة قصدير مجلفنة.



مواضع تركيب المحامل



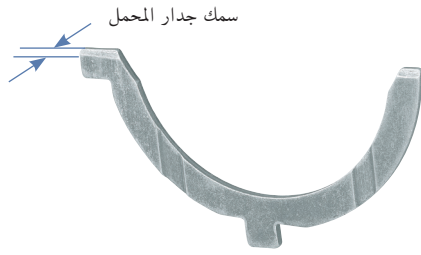
أنواع المحامل

أكمام المحمل

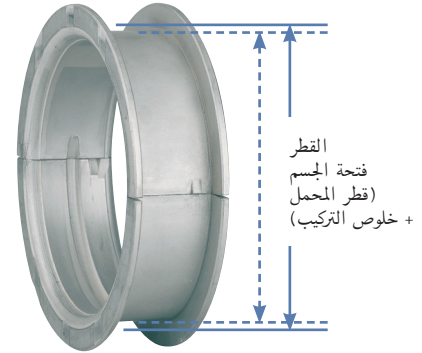
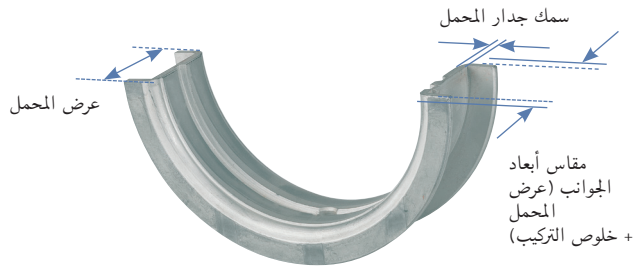
HL محمل رئيسي
PL محمل ذراع التوصيل



AL فلكة الدفع

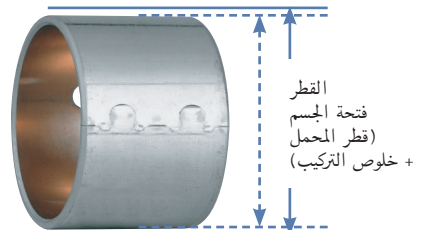
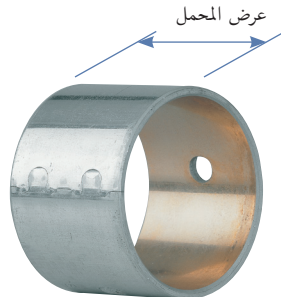


FL محمل دليلي



بطانات المحمل

BB بطانة محور المكبس
KB بطانة هزاز الصامة
LB بطانة المحمل
NB بطانة عمود الكامات



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9HT (DV6BUTED4)	266	21
9HU (DV6UTED4)	266	21
9HW (DV6ETED)	266	21
9HX (DV6ATED4)	266	21
9HX (DV6AUTED4)	266	21
9HY (DV6TED4)	266	21
9HZ (DV6TED4)	266	21
A8A (XUD7TE)	272	38
A9A (XUD7)	272	37
AJZ (XUD7TE)	272	38
B1A (XU51C/K)	274	45
B1E (XU51C)	274	44
B6D	274	44
B6E	274	44
BAY (XU5CP)	274	45
BAZ (XU5CP)	274	45
BDY (XU5M)	274	45
BDZ (XU5M)	274	45
BFZ (XU5JP)	274	45
C1A	258	2
C3A	258	2
CDY (TU9M)	258	3
CDZ (TU9M)	258	3
D2A (XU92C)	272	41
D2C (XU92C)	272	41
D2E	274	45
D2F	274	45
D6A (XU9J2)	275	46
D6C (XU9J4)	275	47
D6E (XU9JA)	276	48



CITROËN

D8A	276	49
D8B (XUD9TF)	276	50
D8C (XUD9UTF)	276	51
D9A (XUD9)	274	43
D9B (XUD9A/L)	277	52
D9B (XUD9A/U)	277	52
DDZ (XU9M)	275	47
DFW (XU9J4)	275	47
DHV (XUD9BSD)	277	53
DHW (XUD9SD)	277	54
DHX (XUD9TF/BTF)	276	50
DHY (XUD9TE/Y)	277	55
DJY (XUD9A)	274	43
DJZ (XUD9Y)	277	52
DKZ (XU9JA)	275	47
DV4D	263	12
DV6ATED4	266	21
DV6B	266	21
DV6TED4	266	21
DW10BTED4	278	58
DW10UTD	278	60
DW12TED	277	58
E1A	263	14
F28TDCR	282	78
H1A	261	8
H1B	261	8
HAZ (TU1CP)	261	8
HDY	261	9
HDZ (TU1M)	261	9
HFX (TU1A)	262	10
HFX (TU1JP)	262	11
J6T A500	281	73
K1A	266	23
K1B	266	23
K1F	266	24
K1G	266	24
K1H (TU3A)	267	25
K2A	266	24
K2B	267	25
K2D	267	26
K3A	266	24
K5A	266	23
K6D (TU3A)	267	26
K6E (TU3A)	267	26
K6F (TU3A)	267	26
K9A (TUD3)	268	27
K9Y (TUD3Y)	268	27
KAY (TU3CP)	267	24
KAZ	267	24
KDX (TU3M/Z)	268	28
KDY (TU3FM)	268	28
KDY (TU3M)	269	29
KDZ (TU3M/Z)	268	28
KFT (TU3A)	269	30
KFU (ET3J4)	270	31
KFV (TU3A)	269	30
KFV (TU3JP)	270	32
KFW (TU3A)	269	29
KFW (TU3JP)	271	33
KFX (TU3A)	269	29
KFX (TU3JP)	271	33
KFY (TU3FJ2)	268	28
KFZ (TU3FJ2)	268	28



LFX (XU7JB)	277	56
LFY (XU7JP4)	277	56
LFZ (XU7JP)	277	56
M22-617	281	74
M23-622	281	74
M23-639	281	74
M4A	268	27
NFR (TU5JP4B)	271	35
NFS (TU5JP4S)	271	35
NFT	271	35
NFU (TU5JP4)	271	35
NFV (TU5JP)	271	35
NFX (TU5JP4)	271	35
NFZ (TU5JP)	271	35
P8A (XUD11ATE)	278	61
P8C (XUD11BTE)	278	62
P9A (XUD11A)	279	65
PHZ (XUD11ATE)	278	61
PJZ (XUD11ATE)	278	61
R6A	279	66
RDZ (XU10MZ)	279	66
RFT (XU10J4/Z)	279	67
RFU (XU10J2/C)	279	66
RFV (XU10J4R)	279	67
RFW (XU10J2U)	279	66
RFX (XU10J2C)	279	65
RFX XU10J2C/Z L3	279	66
RFY (XU10J4/Z)	279	67
RFZ (XU10J2)	279	68
RGX (XU10J2TE)	279	65
RGY (XU10J2TE/Z)	279	65
RHH (DW10CTED4)	278	58
RHJ (DW10BTED4)	278	58
RHK (DW10UTED4)	278	60
RHM (DW10ATED4)	278	60
RHR (DW10BTED4)	278	58
RHS (DW10ATED)	278	60
RHT (DW10ATED4)	278	60
RHV (DW10TD)	278	63
RHW (DW10ATED4)	279	64
RHX (DW10BTED)	278	60
RHY (DW10TD)	278	60
RHZ (DW10ATED)	278	60
T8A (DJ5T)	281	75
T9A (DJ5)	281	75
THY (DK5ATE)	281	75
TU9	259	4
TU9K	260	5
VJY (TUD5)	271	34
VJZ (TUD5)	271	34
WJX (DW8B)	272	39
WJY (DW8B)	272	40
WJZ (DW8)	272	40
XU102C	280	69
XU10J2	279	66
XU52C	274	44
XV8	260	6

DACIA		
810-02/-99	283	1
C2J	283	2
F8Q 600	284	7
F8Q 630	284	8
K4M 606	283	4
K4M 690	283	4



DACIA

K4M 694	283	4
K4M 696	283	4
K7J 710	283	5
K7J 714	283	5
K7M 690	283	6
K7M 710	283	6
K7M 718	283	6
K7M 732	283	6
K7M 800	283	4
K9K 612	283	3
K9K 790	283	3
K9K 792	283	3
K9K 796	283	3

DAEWOO

A15MF	285	1
A15SMS	285	1
C20LE	285	2
C20LZ	285	2
C 20 NE	285	2
L88	285	2
M 104.992	285	3
M 104.995	285	3
M 111.970	285	4
X 20 SED	285	2
X 20 XEV	285	2
Z20L	285	2

DAF

B13,0S	286	1
DA 475	286	5
DD 575	286	5
DF 615	287	6
DH 825	287	8
DHB 825	287	8
DHR 825	287	9
DHS 1160	288	10
DHS 825	287	8
DHS 825SM	287	8
DHT 825	287	8
DHTD 825	287	8
DHU 825	287	8
DJ5T	286	2
DK 1160	288	10
DKA 1160	288	11
DKB 1160	288	10
DKCL 1160	288	11
DKDL 1160	288	11
DKFL 1160	288	11
DKL 1160	288	11
DKS 1160	288	11
DKSB 1160	288	11
DKSE 1160	288	11
DKT 1160	288	11
DKTD 1160	288	11
DKTL 1160	288	11
DKV 1160	288	11
DKVL 1160	288	11
DKX 1160	288	10
DKX 1160 ATI	288	10
DKXE 1160	288	11
DKXE 1160 ATI	288	11
DKZ 1160	288	11



DKZ 1160 ATI	288	11
DNS 620	287	7
DNT 620	287	7
DNTD 620	287	7
DS 575	286	5
DT 615	287	6
DU 825	287	8
HS 200	287	8
HT 168	287	8
LT	288	10
NT 133	287	7
WS 225	289	11
WS 242	288	10
WS 242 G	288	10
WS 242 L	289	11
WS 242 M	288	10
WS 259	289	11
WS 268	288	10
WS 268 G	288	10
WS 268 L	289	11
WS 268 M	288	10
WS 282	289	11
WS 295	288	10
WS 295 G	288	10
WS 295 L	289	11
WS 295 M	288	10
WS 315	288	10
WS 315 G	288	10
WS 315 L	289	11
WS 315 M	288	10
XD3P	286	3
XD3T	286	4
XE 250 C	289	12
XE 280 C	289	12
XE 280 C1	289	12
XE 315 C	289	12
XE 315 C1	289	12
XE 340 C	289	12
XE 355 C	289	12
XE 355 C1	289	12
XE 380 C	289	12
XE 390 C	289	12
XE 390 C1	289	12
XE 410	289	12
XE 430 C	289	12
XF 250 M	289	13
XF 280 M	289	13
XF 315 M	289	13
XF 355 M	289	14

DAIMLER

XK 4.2 (82-87)	290	1
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DENNIS

D7E 240	291	1
D7E 290	291	2
D7E 320	291	1
D7F260	291	2
D7F300	291	2
D7F340	291	2

DEUTZ

BF 3L 2011	292	2
BF 3M 1011 F	292	1
BF 3M 2011	292	2



DEUTZ

BF 4L 1011 F	292	1
BF 4L 1011 FT	292	1
BF 4L 2011	292	2
BF 4M 2011	292	2
BF 4M 2011 M	292	2
BF 4M 2012	294	9
BF 4M 2012	294	9
BF 4M 2012 B	294	9
BF 4M 2012 C	294	9
BF 4M 2012 C*	294	9
BF 4M 2013 C	293	5
BF 4M 2013 EC	293	5
BF 6M 2012 C	294	9
BF 6M 2013	293	5
BF 6M 2013 C	293	5
BF 6M 2013 CR	293	5
BF 6M 2013 E	293	5
F 2L 1011 F	292	1
F 2L 2011	292	2
F 2L 912	293	6
F 2L 912 W	293	6
F 2M 1011	292	1
F 2M 2011	292	2
F 3L 1011	292	1
F 3L 1011 F	292	1
F 3L 2011	292	2
F 3L 812	292	3
F 3L 911 D	293	7
F 3L 912 D	293	7
F 3L 912 F	295	10
F 3L 912 W	293	7
F 3L 913 D	295	10
F 3M 1011	292	1
F 3M 1011 F	292	1
F 3M 2011	292	2
F 4L 1011	292	1
F 4L 1011 F	292	1
F 4L 2011	292	2
F 4L 812	292	4
F 4L 911 D	294	8
F 4L 912 D	294	8
F 4L 912 F	295	11
F 4L 912 W	294	8
F 4L 913	295	11
F 4M 1011	292	1
F 4M 1011 F	292	1
F 4M 2011	292	2
F 5L 912	293	7
F 5L 912 D	293	7
F 5L 912 F	295	10
F 6L 812	292	3
F 6L 911 D	293	7
F 6L 912 D	293	7
F 6L 912 F	295	10
F 6L 912 W	293	7
F 6L 913 D	295	10
TCD 2013 L4 4V	296	12
TCD 2013 L6 4V	296	12

EBRO

100 G.000	297	1
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ERF

D 0826 LF15	298	1
D 0826 LF18	298	1
D 0836 LF 03	298	2
D 2066 LF 01	298	3
D 2066 LF 03	298	3
D 2866 LF 27	298	4
D 2866 LF 37	298	4
D 2876 LF 12	298	4

FAP

OM 366.907	299	1
OM 904.907	299	2

FIAT

100 G.000	300	1
100 G.002	300	1
100 GB.000	300	1
100 GC.000	300	1
100 GF.000	300	1
100 GL.000	300	1
100 GL.040	300	1
100 GL.046	300	1
100 GL.048	300	1
100 GL3.000	300	1
100 GL 3000	300	1
100 GL6.000	300	1
100 GS.000	300	1
1170 A1.046	300	1
124 AC.000	302	14
124 B2.000	302	14
124 B3.000	307	37
125 A.000	302	15
125 B.000	302	15
127 A.000	300	1
128 A.000	302	14
128 A.048	302	14
128 A 1.000	309	48
128 AC.000	309	48
128 AC5.000	302	14
128 AS.000	309	49
131 A.000	301	10
131 A1.000	307	37
131 A6.000	301	10
131 AF1	307	37
131 AK	307	37
131 AR	307	37
131 AZ.000	302	16
131 B.000	301	10
131 B1.000	307	37
131 B2.000	307	37
131 BZ 0C0	302	16
131 C.000	301	11
131 C1.000	301	11
131 C2.000	307	37
131 C3.000	307	37
131 C4.000	307	37
131 FZ	302	16
132 A.000	302	16
132 A1.000	307	37
132 A9.000	302	16
132 AB.000	307	37
132 AB.1A.0	307	37
132 AC.000	302	16



FIAT

132 AC1.000	307	37
132 AZ2.000	307	37
132 B1.000	307	37
132 BB OA O	302	16
132 C.000	307	37
132 C1.000	307	37
132 C2.000	307	37
132 C3.000	307	37
132 C3.031	307	37
132 C6.000	307	37
132 CB.1A	307	37
132 D.000	307	37
132 D1.000	307	37
132 DB.2A.O	307	37
133 A	302	16
133 B	302	16
138 A1.000	309	52
138 A2.000	310	53
138 A3.000	310	53
138 A4.000	310	53
138 A5.000	306	31
138 AR.000	307	37
138 AR.048	307	37
138 AR1.000	307	37
138 AR2.000	307	37
138 AS.000	310	54
138 B.000	302	14
138 B1.000	302	14
138 B2.000	309	52
138 B3.000	310	53
138 B3.048	310	54
138 B6.000	306	31
138 BS.031	310	54
138 C.000	305	26
138 C1.000	302	14
138 C2.048	310	53
138 C3.048	310	54
138 TD	305	27
141 B.000	300	1
141 C2.000	301	6
146 A.000	300	1
146 A.048	300	1
146 A1.000	300	1
146 A2.000	302	17
146 A2.146	303	18
146 A2.246	303	18
146 A4.044	302	14
146 A4.048	302	14
146 A8.000	303	17
146 A8.046	303	17
146 B.000	302	12
146 B 2.000	305	26
146 B3.000	302	12
146 C1.000	303	17
146 C3.000	302	14
146 C5.000	303	17
146 C6.000	310	53
146 D5.000	303	17
146 D6.000	310	53
146 D7.000	305	26
149 A.000	307	37
149 A1.000	305	26
149 A2.000	307	37



149 A3.000	309	52
149 A4.000	307	37
149 A5.000	310	54
149 A5.048	307	37
149 A7.000	309	52
149 B1.000	305	28
149 B2.000	305	26
149 B3.000	305	26
149 B4.000	305	26
149 B5.046	305	29
149 C1.000	310	53
149 C2.000	307	37
149 C2.046	307	37
149 C3.000	307	37
154 A.048	307	37
154 A1.000	307	38
154 A2.000	307	38
154 B.000	305	30
154 C3.046	308	39
154 C4.046	307	38
154 C5.000	307	38
154 C6.000	305	27
154 D1.000	305	29
154 E1.000	308	40
156 A2/AZ	301	7
156 A2.000	301	7
156 A2.048	301	6
156 A2.100	301	6
156 A2.246	301	7
156 A3.000	301	7
156 A3.100	301	6
156 A4.000	300	2
156 A4.048	300	3
156 C.000	301	7
156 C.046	301	7
156 C.047	301	7
156 C.048	301	7
156 C.049	301	7
156 C.050	301	7
156 C.051	301	7
159 A2.000	303	17
159 A3.000	310	53
159 A3.046	310	53
159 A3.048	310	53
159 A4.000	307	37
159 A4.046	307	37
159 A5.046	307	37
159 A6.046	307	37
159 B9.000	310	55
160 A1.000	303	17
160 A1.046	303	19
160 A1.048	303	17
160 A2.000	310	53
160 A3.000	301	7
160 A5.000	308	41
160 A6.000	305	28
160 A6.046	305	29
160 A7.000	305	28
160 A8.046	308	41
160 B6.046	305	29
160 D1.000	305	27
169 B	308	42
170 A1.000	300	1
170 A1.046	300	1
175 A1.000	307	38



FIAT

176 A3.000	306	30
176 A4.000	303	17
176 A5.000	306	30
176 A6.000	301	7
176 A6.001	301	7
176 A9.000	310	53
176 B2.000	301	7
176 B3.000	306	30
176 B6.000	303	17
176 B7.000	306	30
178 B2.000	303	17
178 B2.016	303	17
178 B3.000	310	53
182 A2.000	303	20
182 A3.000	303	21
182 A4.000	311	56
182 A5.000	304	22
182 A6.000	311	56
182 A7.000	304	23
182 A8.000	304	23
182 B4.000	304	24
182 B6.000	303	19
182 B9.000	304	24
183 A1.000	303	20
183 A7.000	304	23
183 A8.000	304	23
185 A3.000	310	53
186 A3.000	310	53
186 A4.000	310	53
186 A6.000	304	24
186 A8.000	304	24
187 A1.000	301	7
188 A2.000	304	24
188 A3.000	304	23
188 A6.000	303	20
188 A7.000	304	24
188 B2.000	304	24
192 A1.000	304	24
192 A3.000	304	24
192 A4.000	304	23
192 A5.000	304	24
192 A8.000	304	24
192 A9.000	304	24
192 B1.000	304	24
192 B30	302	13
192 B5.000	304	24
199 A5.000	304	24
203.000	328	121
203 A/61	329	122
203 A/61.000	329	122
203 H/61	329	122
220 A2.000	310	53
223 A6.000	304	23
223 A7.000	304	24
223 B1.000	304	24
223 B2.000	304	24
230 A2.000	305	27
230 A3.000	305	30
230 A4.000	305	30
280 A1.000	305	30
281 A1.000	305	30
310 H	329	122
310 H61	329	122



4HW(DW12ATED4)	308	43
4HX (DW12TED4)	308	44
6132 AZ 2.000	307	37
731 D1.000	305	27
8025.01	321	83
8025.02	322	90
803.A	321	84
8030.00	321	85
8030.02	322	91
8035.01	321	84
8035.01.265	321	84
8035.02	322	91
8035.04.265	324	98
8035.04.270	324	98
8035.05.214	325	104
8035.05.215	325	104
8035.06.200	323	92
8035.06.206	323	92
8035.06.208	323	92
8035.06.222	323	92
8035.06.307	323	92
8035.06.308	323	92
8035.06.323	323	92
8040.00	321	86
8040.02	323	93
8040.04.200	324	99
8040.05	326	105
8040.05.200	326	106
8040.05.230	326	106
8040.06	326	105
8040.25B.4200 (LTC)	326	107
8040.25X.4000	326	108
8040.45 D	326	109
8040.45 TCA	326	109
8041 C 05	326	107
8041 I 05	326	107
8041 M 08	326	107
8041 M 09	326	107
8041 SRM 15	326	107
8045.01	321	86
8045.02	323	94
8045.04.270	324	99
8045.05.000	326	105
8045.06.200	323	95
8045.06.208	323	95
8045.06.213	323	95
8045.06.225	323	95
8045.06.319	323	95
8045.06.326	323	95
8055.04.200	324	100
8055.05.000	326	110
806.A	321	87
8060.01	322	88
8060.02.000	323	96
8060.04	325	101
8060.04.060	325	101
8060.04.660	325	101
8060.04.669	325	101
8060.04.689	325	101
8060.06	327	111
8060.12	324	96
8060.45.600	326	108
8060.45.6000	326	108
8060.45S.6700	327	112
8060.45S.7200	326	108



FIAT			
8061 I 05	327	113	
8061 I 25	327	113	
8061 SI 25	327	113	
8061 SI 35	327	113	
8062.24.070	325	102	
8065.02.007	323	96	
8065.02.200	323	96	
8065.04.200	325	101	
8065.05.000	327	111	
8065.06.000	324	97	
8065.24.000	325	103	
8065.24.300	325	103	
8065.25.000	327	113	
8140.07	311	60	
8140.23.3900	319	78	
8140.23 TC	319	79	
8140.27	312	61	
8140.27.210	312	62	
8140.27.213	312	62	
8140.27R	312	63	
8140.27S.3700	313	64	
8140.43	320	80	
8140.43 M	320	81	
8140.43N	320	82	
8140.43S	321	82	
8140.47	314	65	
8140.47R	314	66	
8140.47 RTD ECO	312	63	
8140.47 TD	313	64	
8140.61	314	67	
8140.61.201	312	62	
8140.63	321	82	
8140.67	315	68	
8140.67 DS	312	63	
8142.61	315	69	
8144.21	316	70	
8144.21.220	316	70	
8144.61	312	62	
8144.61.200	316	71	
8144.61.500.81	314	66	
8144.65	311	57	
8144.67	317	72	
8144.81.2000	317	73	
8144.91.2000	316	70	
8144.97	317	74	
8144.97.2400	314	66	
8144.97S	318	75	
8144.97 Y	318	76	
8210.02	329	123	
8210.12	329	123	
8210.22.800	329	124	
8210.22V	329	124	
8210.22X	329	124	
8210.42	329	124	
8210.42.009	330	125	
8210.42.073	330	125	
8210.42.101	330	125	
8210.42.115	330	125	
8210.42.151	330	125	
8210.42.152	330	125	
8210.42.154	330	125	
8210.42.155	330	125	
8210.42.162	330	125	
8210.42.165	330	125	
8210.42.171	330	125	
8210.42.172	330	125	
8210.42.173	330	125	
8210.42.174	330	125	
8210.42.175	330	125	
8210.42.176	330	125	
8210.42.177	330	125	
8210.42.181	330	125	
8210.42.182	330	125	
8210.42.185	330	125	
8210.42.186	330	125	
8210.42.191	330	125	
8210.42.192	330	125	
8210.42.195	330	125	
8210.42.196	330	125	
8210.42.400K	330	126	
8210.42 K	330	126	
8210.42L (TCA)	330	125	
8210.42L.400	330	126	
8210.42M.(TCA)	330	126	
8210.42R	330	126	
8210.42TCA	330	126	
8210 M22	331	127	
8210 SI	331	127	
8210 SRI10	331	127	
8210 SRI12	331	127	
8210 SRM36	331	127	
8211.02.032	329	123	
8215.02	331	128	
8260.02.405	332	129	
8280.01.000	332	129	
8280.02.000	332	129	
8280.42	332	130	
8280.42S.(TCA)	332	130	
8281 I 03	332	129	
8281 M 32	332	129	
8281 SI 10	332	130	
8281 SR 10	332	130	
8281 SRM44	332	130	
8281 SRM70	332	130	
828 B.000	307	37	
828 B1.000	307	37	
828 B4.000	307	37	
828 B7.000	307	37	
828 C.000	307	37	
828 DB.0	307	37	
828 DB.3	307	37	
831 A1.000	310	55	
831 A4.000	307	37	
831 A7.000	307	37	
831 B1.000	310	53	
831 B3.000	307	37	
831 B6.000	307	37	
831 B7.000	307	37	
831 B7.046	307	37	
831 D.000	305	26	
831 D1.000	305	30	
831 D5.000	308	41	
8340.05	328	117	
834 B.000	308	39	
834 B.048	307	37	
834 B.146	308	39	
834 C.146	307	38	
835 A1.046	310	53	





FIAT

835 A4.000	305	27
835 A7.000	308	41
835 A7.046	308	41
835 A8.000	308	41
835 A8.046	308	41
835 C1.000	310	55
835 C2.000	307	37
835 C4.000	307	37
8360.03	328	118
8360.05	328	118
8360.46B.4591	328	116
8360.46V	328	116
8361 S1	328	118
8361 SM21	328	118
8361 SR	328	118
8361 SRI1	328	118
8361 SRI 10	328	118
8361 SRI11	328	118
8361 SRM32	328	118
8365.05.500	328	118
8365.25.500	328	118
8365.25.502	328	118
836 A2.000	308	41
836 A3.000	308	41
836 A4.000	303	19
836 A5.000	307	37
8460.21	328	120
8460.21B	328	120
8460.41	328	120
8460.41.320.406L	328	120
8460.41.320.406R	328	120
8460.41.SRI.20A 005	328	119
8460.41D	328	120
8460.41L	328	120
8460.41L F255	328	120
8460.41R.20A005	328	120
8460.41 SPR	328	120
8460.41SR1	328	120
8460.41SR1.20A	328	120
8460.S1-00A28	328	120
8460 SRM 28	328	120
8460 SRM 50	328	120
8469.12S	328	120
8469.SG10.A012	328	120
853	321	85
853A	322	91
854	321	86
856	322	89
903	300	4
937 A4.000	304	24
937 A5.000	304	24
937 A7.000	304	24
939 A2.000	304	24
939 A7.000	304	24
939 A8.000	304	24
A112 B1.054	300	5
AR 00504	301	8
CP 3	327	115
CRD93L (U25-661)	319	77
D19AA	304	24
D8B	306	32
D8B (XUD9TE)	306	33
D9B	306	34



D9B (XUD9A)	306	35
DHX (XUD9TE)	306	33
DHX (XUD9TF/L)	306	33
DJY	306	35
DJY (XUD9)	306	32
KFV	301	9
LFW	306	36
M 400.AA.16.0	307	37
M 400.BT.16.0	307	37
M 401 CG 20.0	307	38
M 401 LG 20.0	307	38
M 406.AA.16.0	307	37
M 601 FT 20.0 C	307	38
M 601 HA 20.0	307	38
M 659	304	22
M 707 AT 19.0	305	27
M 720	304	23
N45 MNS	327	114
N45 MNT	327	114
NEF45 SM1	327	114
NEF45 TM1	327	114
NEF67 SM1	327	114
P8C	308	45
RFL	309	50
RFU (XU10J2C)	309	51
RFV	309	50
RFW	309	50
RGX (XU10J2CTE)	309	50
RHK	308	43
RHM (DW10ATED4)	309	46
RHR	308	43
RHV (DW10)	308	43
RHW	308	43
RHW (DW10ATED4)	309	47
RHX	309	47
RHZ	309	47
THY (DK5ATE)	311	59
WJY (DW8)	304	25
WJY (DW8B)	304	25
WJZ (DW8)	304	25
XN 1T	311	58

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110/6 AA-Dover	346	77
130/7 AA-Dover	347	82
150/6 CA-Dover	347	78
1Z	335	16
2.8	343	62
256	348	85
2701 E	347	79
2703 E	345	73
2704	346	75
2704 E	347	80
2706 E	347	79
2708 E	345	73
2709 E	347	80
2711 E	348	83
2712 E	348	83
2713 E	346	76
2715 E	348	84
2737 E	338	31
4.0	345	74
4BC	344	67
4DA	344	67
4EA	344	67



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4EB	344	67
4FB	344	67
4GB	344	67
4GC	344	67
4HB	344	67
56G	347	81
589E	345	71
A9JA	333	4
A9JB	333	4
AAA	339	33
AFN	335	17
AHU	336	18
AJM	336	19
AMY	339	34
ANU	336	20
AODA	341	49
AODB	341	49
AODE	341	49
ARC	340	43
ASZ	336	21
AUY	337	22
AVG	337	23
AYL	339	33
AZBC	341	45
AZWA	341	45
AZWC	341	45
B	342	54
B4T	343	62
BAA	333	4
BAJA	333	4
BHDA	339	39
BHDB	339	39
BHPA	339	39
BOA	343	62
BRC	343	63
BRD	343	63
BRE	343	64
BRF	343	63
BRT	344	65
BRV	343	62
BSD 442	348	85
BSD 444	348	85
BSD 444 T	348	86
BTB	337	24
C9DA	339	39
C9DB	339	39
C9DC	340	40
CGBA	340	42
CGBB	340	42
CHBA	340	42
CHBB	340	42
CJBA	341	50
CJBB	341	50
D18T	340	41
Duratec 20	341	51
Duratec 20E	341	51
Duratec 23	342	52
Dura Torq DI 2,4	344	66
Dura Torq TDCI	341	46
EDBA	340	44
EDBB	340	44
EDBC	340	44
EDBD	340	44



EDDB	340	44
EDDC	340	44
EDDD	340	44
EDDF	340	44
EFI	345	74
EYDC	338	30
EYDD	338	30
EYDE	338	30
EYDF	338	30
EYDG	338	30
EYDI	338	30
EYDJ	338	30
EYDL	338	30
EYPC	338	30
EYPD	338	30
F4A	335	14
F4B	334	12
F6E	334	12
F6F	334	12
F6G	334	12
F6JA	333	2
F6JB	333	2
F9DA	339	39
F9DB	339	39
FFDA	339	39
FUA	334	12
FUB	334	12
FUBA	335	13
FUF	334	12
FUH	334	12
FUJ	334	12
G6DA	341	45
G6DB	341	45
G6DC	341	45
G6DD	341	45
G6DE	341	45
G6DF	341	45
G6DG	341	45
G8DA	334	7
G8DB	334	7
G8DC	334	8
GPA	333	3
GPDA	334	7
GPDC	334	7
GUC	333	1
GUD	333	1
GUE	333	1
HCPB	339	39
HCS	333	5
HDDA	334	9
HHDB	334	9
HHDA	334	7
HHDB	334	7
HHJF	334	7
IXDA	341	45
J3E	338	32
J4B	333	5
J4C	333	5
J4D	333	5
J4J	333	4
J4K	333	4
J4L	333	4
J4M	333	4
J4N	333	4
J4P	333	4



FORD

J4Q	333	4
J4R	333	4
J4S	333	4
J4T	333	4
JAC	333	6
JBA	333	5
JBC	333	4
JBD	333	4
JCT	335	15
JJA	333	5
JJB	333	5
JJC	333	4
JJD	333	5
JJE	333	4
JJF	333	4
JJG	333	4
JJH	333	4
JJJ	333	4
JJK	333	4
JJL	333	4
JJM	333	4
JPA	337	27
JPC	337	27
KKDB	339	39
KLBA	341	45
KLWA	341	45
L1E	334	10
L1F	334	10
L1G	334	10
L1H	334	10
L1J	334	10
L1K	334	10
L1L	334	10
L1N	334	10
L1Q	334	10
L3E	339	35
LAD	342	53
LCK	342	54
LCN	342	55
LCR	342	56
LCS	339	36
LCT	339	36
LCT-E	339	37
LE	342	53
LEC	342	54
LHA	337	25
LJA	337	25
LJC	338	27
LJF	338	27
LNA	337	26
LNB	337	25
LP1	338	28
LP2	338	28
LP3	338	28
LPA	338	28
LR1	338	28
LRA	338	27
LRB	338	27
LSD	339	37
LSE	339	38
LSE-E	339	37
LUA	338	27
LUAE	338	28



LUB	338	27
LUC	338	27
LUH	334	11
LUJ	338	27
LUK	338	27
MTDA	334	8
N6T	343	58
NBA	343	59
NCA	343	59
NE	343	58
NEE	343	58
NEG	343	58
NEK	343	60
NEL	343	60
NEN	343	60
NER	343	60
NES	343	60
NET	343	60
NGA	340	44
NGB	340	44
NGC	340	44
NGD	340	44
NGDA	334	7
NR2	343	61
NRA	343	60
NRB	343	60
NRD	343	61
OHC TL 16 H	342	54
P7PA	339	39
P7PB	339	39
PRE	343	62
Q7DA	340	42
QQDA	340	42
QQDB	340	42
QXBA	341	45
QXBB	341	45
QXWA	341	45
QXWB	341	45
QXWC	341	45
QYWA	339	39
R2A	341	48
R2PA	339	39
RDA	338	30
RDB	338	30
REB	341	48
REC	341	48
RED	341	48
RF	341	47
RFA	340	40
RFB	340	40
RFD	340	40
RFK	340	40
RFL	340	40
RFM	340	40
RFN	340	40
RFS	340	40
RFU	340	40
RKA	338	30
RKB	338	30
RKC	338	30
RKF	338	30
RKH	338	30
RKJ	338	30
RKK	338	30
RQB	338	30



FORD

RQC	338	30
RTA	340	41
RTB	340	41
RTC	340	41
RTD	340	41
RTE	340	41
RTF	340	41
RTG	340	41
RTH	340	41
RTJ	340	41
RTK	340	41
RVA	339	39
RWPC	339	39
RWPD	339	39
RY	338	29
SFA	344	68
STP	344	68
STR	344	68
SYDA	341	49
T1BB	334	7
T1DA	334	8
T1DB	334	8
T3DA	334	8
T3DB	334	8
TD 27 T	345	72
TL 16M	342	56
TLB	333	1
TV 20 L	340	43
TV 23 H	342	57
TV 26 H	342	57
TYWA	341	45
TZJA	334	7
TZJB	334	7
UFBA	341	45
UFDA	341	45
UFWA	341	45
UHFA	341	46
UKDA	341	45
UKWA	341	45
XD3P	344	69
XD3T	345	70
YTR	344	68
YTT	344	68
Zetec 1,6	334	10
Zetec 1,8	338	30
Zetec 2,0	340	44

FORD AUSTRALIA

EDDB	349	1
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FSO

132 A1.000	350	2
132 B1.000	350	2
A15SM	350	1

GINAF

XE 250 C	351	1
XE 280 C	351	1
XE 315 C	351	1
XE 355 C	351	1

HANOMAG-HENSCHEL

OM 314	352	2
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OM 615.915	352	1
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HOLDEN

C 14 NZ	353	1
C 14 SE	353	1
C 20 NE	353	3
C 20 XE	353	3
X 14 XE	353	1
X 16 XE	353	2
X 16 XEL	353	2
Z 16 SE	353	2

HONDA

XUD 7 T	354	1
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HYUNDAI

4D56T	355	8
4G33	355	1
4G61	355	4
4G62	355	2
D4BA	355	8
D4BH	355	8
D4BX	355	8
DJY	355	5
G4CN	355	3
G4CP	355	6
G4CP-D	355	6
G4CP-DM	355	6
G4CS	355	7

INNOCENTI

100 GL.064	356	1
146 B 2.000	356	3
146 C5.000	356	2
146 C6.000	356	4
146 D5.000	356	2
146 D6.000	356	4
149 C1.000	356	4

IRMSCHER

X 16 XE	357	1
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ISUZU

4EC1	358	1
4EC1T	358	2
4JB1	358	4
4JB1-TC	358	5
4JG2T	358	6
C 20 NE	358	3

IVECO

203 A/61	367	29
203 A/61.000	367	29
203 H 61	367	29
8040.04.200	365	17
8040.05.200	366	20
8040.05.203	366	20
8040.05.230	366	20
8040.05.233	366	20
8040.05.235	366	20
8040.25B.4200	366	21
8040.25B.4220	366	22
8040.45	366	22
8040.45.4010	366	21
8040.45.4020	366	21



IVECO

8040.45.4030	366	21
8040.45.4035	366	21
8040.45.4050	366	21
8040.45X.4180	366	23
8060.04.060	365	18
8060.04.660	365	18
8060.04.669	365	18
8060.04.689	365	18
8060.24.601	365	18
8060.45.5200	366	23
8060.45.5201	366	23
8060.45.5203	366	23
8060.45.5205	366	23
8060.45.5220	366	23
8060.45.5221	366	23
8060.45.5223	366	23
8060.45.5232	366	23
8060.45.5233	366	23
8060.45.5234	366	23
8060.45.5235	366	23
8060.45.5250	366	23
8060.45.5251	366	23
8060.45.5255	366	23
8060.45S.6700	366	24
8060.45S.6710	366	23
8060.45S.7200	366	23
8060.45S.7215	366	23
8062.24.070	366	19
8140.07.2700	359	1
8140.07.2712	359	1
8140.21.200	359	2
8140.21.214	360	3
8140.23	363	11
8140.23.3700	363	12
8140.23.3701	363	12
8140.23.3710	363	12
8140.23.3711	363	12
8140.23.3713	363	12
8140.23.3720	363	12
8140.23.3721	363	12
8140.23.3730	363	12
8140.23.3731	363	12
8140.23.3750	363	12
8140.23.3751	363	12
8140.23.3760	363	12
8140.27.218	360	3
8140.27.2700	360	4
8140.27 S	360	5
8140.43.2585	363	12
8140.43B	363	13
8140.43C	363	14
8140.43N	363	11
8140.43R	363	13
8140.43S	364	15
8140.47.2700	360	4
8140.47.2711	360	4
8140.47.2721	360	4
8140.47R	361	6
8140.61.200	361	7
8140.63	363	11
8140.67F	361	8
8140.67F.3701	362	9
8140.67F.3710	362	9



8140.67F.3711	362	9
8140.67F.3713	362	9
8140.67F.3721	362	9
8140.97.2781	361	8
8144.61.200	362	10
8210.02	368	30
8210.42	368	31
8210.42.061	369	32
8210.42.210	369	32
8210.42.235	369	32
8210.42.237	369	32
8210.42.269	369	32
8210.42.270	369	32
8210.42.271	369	32
8210.42.500	369	32
8210.42L.400	369	33
8210.42L(TCA)	369	32
8210.42M	369	33
8210.42M. TCA	369	33
8210.42 TCA	369	33
8280.22.000	370	34
8280.42S. TCA	370	34
8360.46	367	26
8360.46R.416 TCA	367	26
8365.25.500	367	27
8365.25.502	367	27
8460.21.202	367	28
8460.21.206	367	28
8460.21.611	367	28
8460.41C	367	28
8460.41C.320	367	28
8460.41K	367	28
8460.41K.406	367	28
8460.41K.410	367	28
8460.41L TCA	367	28
8460.41 M	367	28
8460.41N	367	28
8460.41 R	367	28
8460.41 S	367	28
8460.41 T	367	28
F4CE9484 C/E/F	367	25
F4GE0454A	367	25
F4GE0455A	367	25
F4GE0455B	367	25
F4GE0484C	367	25
F4GE0485A	367	25
F4GE0485C	367	25
F4GE0655B	367	25
F4GE0685B	367	25
F4GE0685D	367	25
F4GE9454H	367	25
F4L 913	364	16
F 4L 913	364	16

JAGUAR

XK 3,8	371	2
XK 3.4 (82-86)	371	1
XK 4.2 (82-87)	371	3

JEEP

BMM	372	1
J5R-800	372	5
J8S	372	2
J8S 742	372	3
J8S-800	372	4



JEEP		
J8S-814	372	4
KHD		
BF 4L 1011	373	1
BF 4 L 1011 F	373	1
F 4 L 1011	373	1
F 6 L 812	373	2
F 6 L 812 D	373	2
KIA MOTORS		
D4BH	374	2
G4CP	374	1
LADA		
C 20 XE	375	3
XUD 9 A	375	1
XUD 9 SD	375	2
LANCIA		
132 B1.000	378	19
134 AS.000	379	19
138 C2.048	381	32
149 C2.000	379	19
156 A2.000	376	3
156 A2.000	376	3
156 A 2.100	376	4
156 A2.246	376	3
156 A2.246	376	3
156 A3.000	376	3
156C.000	376	3
156 C.000	376	3
156 C.046	376	3
156 C.046	376	3
159 B9.000	381	33
160 A1.046	377	10
160 D1.000	378	16
175 A4.000	379	19
176 B2.000	376	3
182 A2.000	377	11
182 A4.000	381	34
182 A6.000	381	33
182 B6.000	377	10
183 A1.000	377	11
188 B2.000	377	12
4HW(DW12ATED4)	380	24
8144.91	382	37
8144.97	383	38
8144.97S	383	39
8144.97 Y	383	40
828 A1.000	378	19
828 A2.000	377	8
828 AB	378	19
828 AC	378	19
828 AC.3	376	6
828 AF	378	19
828 AS	378	19
828 B.000	379	19
828 B1.000	379	19
828 B4.000	379	19
828 B7.000	379	19
828 BB.3	376	5
828 D.3000	376	7
831 A1.000	381	33



831 A2.000	382	35
831 A4.000	379	19
831 A7.000	379	19
831 B.000	382	35
831 B1.000	381	32
831 B1.048	382	36
831 B3.000	379	19
831 B4.000	379	19
831 B5.000	379	20
831 B6.000	379	19
831 B7.000	379	19
831 B7.046	379	20
831 B8.000	377	9
831 C5.000	379	20
831 C5.046	379	20
831 D.000	378	17
831 D1.000	378	16
831 D5.000	379	21
831 E5.000	379	21
831 E5.046	379	21
834 A4.000	379	21
834 B.000	379	19
834 B.048	379	19
834 B.146	379	19
834 B1.000	379	19
834 B2.000	379	21
834 B2.246	379	21
834 C.000	379	20
834 C.146	379	20
834 C1.000	379	21
834 C1.246	379	21
834 F1.000	379	21
834 F2.000	379	21
835 A1.000	381	33
835 A1.046	381	32
835 A2.000	378	19
835 A2.046	378	19
835 A4.000	378	16
835 A4.046	378	18
835 A5.000	379	22
835 A5.046	379	20
835 A7.000	379	21
835 A7.046	379	21
835 A8.000	379	21
835 A8.046	379	21
835 C1.000	381	33
835 C2.000	378	19
835 C4.000	378	19
835 C5.000	378	19
836 A2.000	379	21
836 A3.000	379	21
836 A4.000	377	10
836 A5.000	378	19
836 A6.000	378	19
836 C4.000	378	19
838 A4.000	380	23
839 A4.000	377	13
839 A7.000	377	13
839 A9.000	378	14
840 A2.000	378	15
840 A4.000	377	13
841 E.000	378	14
A112 A.000	376	1
A112 A2.000	376	2
A112A 5.000	376	1



LANCIA

A112 A5.000	376	1
A112B1.000	376	2
A112 B1.000	376	2
A112 B2.000	376	1
AR 32302	377	12
P 8 C	380	25
RFV	380	29
RFV (XU10J4R)	380	30
RGX	380	29
RGX (XU10J2TE)	381	31
RHK	380	24
RHK (DW10UTED4)	380	26
RHM (DW10ATED4)	380	27
RHR	380	24
RHR (DW10BTED4)	380	28
RHW (DW10ATED4)	380	27
RHZ (DW10ATED)	380	27

LAND ROVER

10 J	385	6
11 L	385	7
12 J	384	4
12 L	385	7
14 L	385	7
16 L	384	5
17H	385	7
17 L	384	5
19 J	384	4
19 L	385	7
21 L	385	7
22 L	384	5
23 J	385	8
23 L	384	5
25 6T (BMW)	384	1
M 47	384	2
M 57 D 30	384	3

LANDROVER (SANTANA)

DV6ATED4	386	1
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LDV

EN 55	387	1
ET 70	387	1

LEYLAND

375	388	1
SW 400	388	2

LEYLAND-DAF

WS 225 ATi	389	1
WS 259 ATi	389	1
WS 282 ATi	389	1
WS 295 ATi	389	1

LIEBHERR

D 904 NA	390	1
D 904 T	390	2
D 904 TB	390	3
D 906 NA	390	4
D 906 T	390	4
D 906 TB	390	4
D 906 Ti	390	5
D 914 T	390	6



D 914 TI	391	7
D 916 T/TI	391	8
D 924 T	391	9
D 924 TI	391	10
D 926 TI-E	391	11

MAN

D 0824 FL 01	392	2
D 0824 GF	392	3
D 0824 GF01	392	3
D 0824 GF02	392	3
D 0824 GF03	392	3
D 0824 GF04	392	4
D 0824 LE 301	392	2
D 0824 LF 01	392	3
D 0824 LF 02	392	3
D 0824 LF 03	392	5
D 0824 LF 04	392	5
D 0824 LF 05	392	5
D 0824 LF 06	392	5
D 0824 LF 07	392	5
D 0824 LF 08	392	5
D 0824 LF 09	392	5
D 0824 LF 10	392	5
D 0824 LFG 01	392	2
D 0824 LFL 01	392	3
D 0824 LFL 02	392	3
D 0824 LFL 03	392	4
D 0824 LFL 04	392	2
D 0824 LFL 05	392	3
D 0824 LFL 06	392	2
D 0824 LFL 07	392	2
D 0824 LFL 08	392	2
D 0824 LFL 09	392	3
D 0824 LFL 10	392	2
D 0824 LFO 01	392	2
D 0824 LFO 02	392	4
D 0824 LOH 01	392	3
D 0824 LOH 02	392	2
D 0824 LOH 03	392	2
D 0824 LOH 04	392	2
D 0824 LOH 05	392	3
D 0824 LUE 521	392	2
D 0824 LUE 522	392	2
D 0824 LUE 523	392	2
D 0824 LUE 524	392	2
D 0826 F	393	6
D 0826 F 01	393	6
D 0826 F 02	393	6
D 0826 FO	393	6
D 0826 FO 01	393	6
D 0826 FO 02	393	6
D 0826 FR	393	6
D 0826 FR 01	393	6
D 0826 FR 02	393	6
D 0826 GF	393	6
D 0826 GF01	393	6
D 0826 GF02	393	6
D 0826 GF 03	393	6
D 0826 GF 04	393	6
D 0826 GFA	393	6
D 0826 GFA 01	393	6
D 0826 GFA 02	393	6
D 0826 GFA 03	393	6
D 0826 GFA 04	393	6



MAN

D 0826 LE 10	393	7
D 0826 LE 102	393	7
D 0826 LE 103	393	7
D 0826 LE 51	393	7
D 0826 LE 52	393	7
D 0826 LE 521	393	6
D 0826 LE 522	393	7
D 0826 LE 523	393	7
D 0826 LE 524	393	6
D 0826 LE 527	393	6
D 0826 LE 530	393	6
D 0826 LE 531	393	6
D 0826 LF	393	6
D 0826 LF/217/Silent	393	6
D 0826 LF01	393	6
D 0826 LF02	393	6
D 0826 LF04	393	6
D 0826 LF05	393	6
D 0826 LF06	393	6
D 0826 LF07	393	6
D 0826 LF08	393	6
D 0826 LF09	393	6
D 0826 LF11	393	6
D 0826 LF13	393	6
D 0826 LF15	393	6
D 0826 LF17	393	6
D 0826 LF18	393	6
D 0826 LFG 01	393	6
D 0826 LFG 02	393	6
D 0826 LFG 06	393	6
D 0826 LFG 15	393	6
D 0826 LFG 16	393	6
D 0826 LFL	393	7
D 0826 LFL01	393	7
D 0826 LFL 02	393	7
D 0826 LFL 03	393	6
D 0826 LFL 05	393	7
D 0826 LFL 06	393	6
D 0826 LFL 07	393	6
D 0826 LFL 08	393	6
D 0826 LFL 09	393	6
D 0826 LFL 10	393	6
D 0826 LOH 01	393	6
D 0826 LOH 02	393	6
D 0826 LOH 03	393	6
D 0826 LOH 04	393	6
D 0826 LOH 05	393	6
D 0826 LUE501	393	7
D 0826 LUE503	393	7
D 0826 LUE 51	393	6
D 0826 LUH 01	393	6
D 0826 LUH 02	393	6
D 0826 LUH 03	393	6
D 0826 LUH 04	393	6
D 0826 LUH 05	393	6
D 0826 LUH 06	393	6
D 0826 LUH 08	393	6
D 0826 LUH 09	393	7
D 0826 LUH 10	393	6
D 0826 LUH 11	393	7
D 0826 LUH 12	393	6
D 0826 LUH 13	393	6
D 0826 LUH 213	393	6



D 0826 OH	393	6
D 0826 OH01	393	6
D 0826 OH 02	393	6
D 0826 OH03	393	6
D 0826 TE 520	393	6
D 0826 TF	393	6
D 0826 TOH	393	6
D 0826 TOH 01	394	7
D 0826 TUE501	393	7
D 0826 TUE 51	394	7
D 0834 LFL 01	394	8
D 0834 LFL 02	394	8
D 0834 LFL 03	394	8
D 0834 LFL 41	394	8
D 0834 LOH 01	394	8
D 0834 LOH 02	394	8
D 0834 LOH 03	394	8
D 0836 LF 01	394	8
D 0836 LF 02	394	8
D 0836 LF 03	394	8
D 0836 LF 04	394	8
D 0836 LF 05	394	8
D 0836 LF 06	394	8
D 0836 LF 41	394	8
D 0836 LF 43	394	8
D 0836 LF 44	394	8
D 0836 LFL 01	394	8
D 0836 LFL 02	394	8
D 0836 LFL 03	394	8
D 0836 LFL 04	394	8
D 0836 LFL 05	394	8
D 0836 LFL 06	394	8
D 0836 LFL 40	394	8
D 0836 LFL 41	394	8
D 0836 LFL 44	394	8
D 0836 LOH 01	394	8
D 0836 LOH 02	394	8
D 0836 LOH 03	394	8
D 0836 LOH 40	394	8
D 0836 LOH 41	394	8
D 0836 LOH 50	394	8
D 0836 LUH 01	394	8
D 0836 LUH 02	394	8
D 0836 LUH 40	394	8
D 0836 LUH 41	394	8
D 0836 LUH 50	394	8
D 2066 LF 01	395	10
D 2066 LF 02	395	10
D 2066 LF 03	395	10
D 2066 LF 04	395	10
D 2066 LF 06	395	10
D 2066 LF 07	395	11
D 2066 LF 11	395	10
D 2066 LF 12	395	10
D 2066 LF 13	395	10
D 2066 LF 14	395	10
D 2066 LF 17	395	12
D 2066 LF 18	395	12
D 2066 LF 19	395	12
D 2066 LF 20	395	12
D 2066 LF 21	395	10
D 2066 LF 22	395	10
D 2066 LF 31	395	10
D 2066 LF 32	395	10
D 2066 LF 33	395	10



MAN

D 2066 LF 34	395	11
D 2066 LF 35	395	10
D 2066 LF 51	395	12
D 2066 LF 52	395	12
D 2066 LF 53	395	12
D 2066 LF 59	395	12
D 2066 LF 60	395	12
D 2066 LOH 01	395	10
D 2066 LOH 02	395	10
D 2066 LOH 03	395	10
D 2066 LOH 04	395	10
D 2066 LOH 05	395	10
D 2066 LOH 06	395	10
D 2066 LOH 07	395	10
D 2066 LOH 08	395	10
D 2066 LOH 10	395	10
D 2066 LOH 11	395	10
D 2066 LOH 12	395	10
D 2066 LOH 13	395	12
D 2066 LOH 26	395	12
D 2066 LOH 28	395	10
D 2066 LUH 07	396	12
D 2066 LUH 08	396	12
D 2066 LUH 09	396	12
D 2066 LUH 11	396	12
D 2066 LUH 12	396	12
D 2066 LUH 13	396	12
D 2066 LUH 14	396	12
D 2066 LUH 15	396	12
D 2066 LUH 21	396	12
D 2066 LUH 22	396	12
D 2066 LUH 23	396	12
D 2066 LUH 24	396	12
D 2066 LUH 32	395	10
D 2066 LUH 33	395	10
D 2066 LUH 34	395	12
D 2066 LUH 41	395	12
D 2066 LUH 42	395	12
D 2066 LUH 43	395	12
D 2066 LUH 46	395	12
D 2066 LUH 47	395	12
D 2066 LUH 48	395	12
D 2530 ME	396	13
D 2530 MF	396	13
D 2530 MTE	396	13
D 2530 MTXF	396	13
D 2530 MXF	396	13
D 2538 M	396	14
D 2538 ME	396	14
D 2538 MF	396	14
D 2538 MT	396	14
D 2538 MTE	396	14
D 2538 MTH	396	14
D 2540 MT	396	13
D 2540 MTE	396	13
D 2540 MTF	396	13
D 2542 MTE	396	15
D 2548 MT	396	14
D 2548 MTF	396	14
D 2676 LF 01	397	16
D 2676 LF 02	397	16
D 2676 LF 03	397	16
D 2676 LF 04	397	16



D 2676 LF 05	397	16
D 2676 LF 06	397	16
D 2676 LF 07	397	16
D 2676 LF 11	397	16
D 2676 LF 12	397	16
D 2676 LF 13	397	16
D 2676 LF 14	397	16
D 2676 LF 15	397	17
D 2676 LF 16	397	17
D 2676 LF 21	397	16
D 2676 LF 22	397	16
D 2676 LOH 01	397	16
D 2676 LOH 02	397	16
D 2676 LOH 03	397	17
D 2676 LOH 04	397	17
D 2676 LOH 10	397	17
D 2676 LOH 18	397	17
D 2676 LOH 26	397	17
D 2676 LOH 27	397	17
D 2676 LOH 28	397	17
D 2840	397	18
D 2840 LE 203	397	18
D 2840 LF 25	397	18
D 2842	397	19
D 2842 LE 201	397	19
D 2842 LE 202	397	19
D 2842 LE 203	397	19
D 2842 LE 402	397	19
D 2842 LE 403	397	19
D 2842 LE 404	397	19
D 2842 LE 405	397	19
D 2842 LE 406	397	19
D 2842 LE 408	397	19
D 2842 LE 409	397	19
D 2848	398	20
D 2848 L	398	21
D 2848 LE	398	21
D 2848 LE/T	398	21
D 2848 LE 201	398	21
D 2848 LE 202	398	21
D 2848 LE 203	398	21
D 2848 LE 30	398	21
D 2848 LE 401	398	21
D 2848 LE 403	398	21
D 2848 LE 405	398	21
D 2848 LXE	398	21
D 2848 LYE	398	21
D 2848 LZE	398	21
D 2848 M	398	21
D 2848 MH	398	21
D 2848 T	398	21
D 2848 TF	398	21
D 2866 FR	399	22
D 2866 LF 14	399	22
D 2866 LF 17	399	22
D 2866 LF 23	399	22
D 2866 LF 24	399	22
D 2866 LF 25	399	22
D 2866 LF 26	399	22
D 2866 LF 27	399	22
D 2866 LF 28	399	22
D 2866 LF 29	399	22
D 2866 LF 30	399	22
D 2866 LF 31	399	22



MAN

D 2866 LF 32	399	22
D 2866 LF 34	399	22
D 2866 LF 35	399	22
D 2866 LF 36	399	22
D 2866 LF 37	399	22
D 2866 LF 40	399	22
D 2866 LF 43	392	1
D 2866 LOH 03	399	22
D 2866 LOH 06	399	22
D 2866 LOH 23	399	22
D 2866 LOH 25	399	22
D 2866 LOH 26	399	22
D 2866 LOH 27	399	22
D 2866 LOH 28	399	22
D 2866 LOH 29	399	22
D 2866 LOH 32	399	22
D 2866 LOH 33	399	22
D 2866 LOH 34	399	22
D 2866 LU 01	399	22
D 2866 LUH 20	399	22
D 2866 LUH 21	399	22
D 2866 LUH 22	399	22
D 2866 LUH 23	399	22
D 2866 LUH 24	399	22
D 2866 LUH 25	399	22
D 2866 LUH 26	399	22
D 2866 LUH 26	399	22
D 2866 LUH 29	399	22
D 2866 LUH 30	399	22
D 2866 LX	399	22
D 2866 LXF	399	22
D 2876 LE 121	399	22
D 2876 LE 122	399	22
D 2876 LE 123	399	22
D 2876 LF 02	400	22
D 2876 LF 03	400	22
D 2876 LF 04	400	22
D 2876 LF 05	399	22
D 2876 LF 06	400	22
D 2876 LF 07	400	22
D 2876 LF 11	400	22
D 2876 LF 12	400	22
D 2876 LF 13	400	22
D 2876 LF 18	399	22
D 2876 LF 19	399	22
D 2876 LF 20	399	22
D 2876 LF 25	400	22
D 2876 LOH 01	399	22
D 2876 LOH 02	399	22
D 2876 LOH 03	399	22
D 2876 LOH 20	399	22
D 2876 LOH 21	399	22
E 0824 E 302	392	4
E 0824 E 302	392	4
E 0826 E 302	393	7
E 0834 E 302	394	9
E 0834 E 312	394	9
E 0836 E 302	394	9
E 0836 E 312	394	9
E 0836 LE 202	394	9
E 2842 E 301	397	19
E 2842 E 301	397	19
E 2842 E 302	397	19



E 2842 E 302	397	19
E 2842 E 312	397	19
E 2842 E 312	397	19
E 2842 E 312	398	19
E 2842 LE 302	397	19
E 2842 LE 302	397	19
E 2842 LE 312	397	19
E 2842 LE 312	397	19
E 2842 LE 312	397	19
E 2842 LE 322	397	19
E 2848 LE 322	400	23
E 2866	399	22
E 2866 DE	399	22
E 2866 DF 01	399	22
E 2866 DF 02	399	22
E 2866 DF 03	399	22
E 2866 DF 04	399	22
E 2866 DOH 02	399	22
E 2866 DOH 03	399	22
E 2866 DOH 04	399	22
E 2866 DUH	399	22
E 2866 DUH 01	399	22
E 2866 DUH 03	399	22
E 2866 DUH 04	399	22
E 2866 LUH 02	399	22
E 2876 LUH 02	399	22
E 2876 LUH 03	399	22
G 2866 DOH 02	399	22
G 2866 DOH 03	399	22
G 2866 DUH 04	399	22
G 2866 DUH 05	399	22
G 2876 DUH 01	399	22

MAZDA

4G54	402	9
CHBB	401	5
F6JA	401	1
F6JB	401	1
J4R	401	2
J4T	401	2
JJA	401	3
L813	401	6
LF17	402	8
LF 18	402	8
R2	401	7
RF	401	7
RF 46	401	7
RF 8	401	7
RFB	401	7
RTJ	401	4
RTK	401	4

MAZ-MAN

D 2866 LF 25	403	1
D 2866 LF 31	403	1
D 2876 LF 06	403	1

MERCEDES-BENZ

M 102.910	414	29
M 102.919	415	30
M 102.920	415	30
M 102.921	415	30
M 102.924	415	30
M 102.938	415	30
M 102.939	415	30



MERCEDES-BENZ

M 102.942	426	56
M 102.943	426	56
M 102.945	426	56
M 102.946	426	56
M 102.958	426	56
M 102.959	426	56
M 102.961	415	31
M 102.963	415	30
M 102.964	415	32
M 102.965	415	30
M 102.979	426	56
M 102.981	426	56
M 102.982	426	56
M 102.983	427	57
M 102.985	426	56
M 102.987	426	56
M 102.989	426	56
M 102.990	427	58
M 102.997	426	56
M 102.998	426	56
M 103.940	404	3
M 103.941	404	3
M 103.942	404	3
M 103.943	404	3
M 103.980	414	27
M 103.981	414	27
M 103.982	414	27
M 103.983	414	27
M 103.984	414	27
M 103.985	414	27
M 103.987	414	27
M 104.900	404	2
M 104.941	421	41
M 104.942	421	41
M 104.943	421	41
M 104.944	421	41
M 104.945	421	41
M 104.980	414	28
M 104.981	414	28
M 104.990	421	41
M 104.991	421	41
M 104.992	421	41
M 104.994	421	41
M 104.996	421	41
M 110.921	405	8
M 110.922	405	8
M 110.923	405	8
M 110.924	405	8
M 110.931	405	8
M 110.932	405	8
M 110.981	405	8
M 110.982	405	9
M 110.983	405	8
M 110.984	405	9
M 110.986	405	9
M 110.988	405	9
M 110.990	405	9
M 110.991	405	8
M 110.992	405	8
M 110.993	405	8
M 111.920	405	7
M 111.940	421	42
M 111.941	421	42



M 111.942	421	42
M 111.943	421	42
M 111.944	421	42
M 111.945	421	42
M 111.946	421	42
M 111.947	421	42
M 111.948	421	42
M 111.950	421	42
M 111.951	421	42
M 111.952	421	42
M 111.955	421	42
M 111.956	421	42
M 111.957	421	42
M 111.958	421	42
M 111.960	421	42
M 111.961	421	42
M 111.970	422	45
M 111.973	422	45
M 111.974	422	45
M 111.975	422	45
M 111.977	422	45
M 111.978	422	45
M 111.979	422	45
M 111.981	422	45
M 111.982	422	45
M 111.983	422	45
M 111.984	422	45
M 112.910	404	4
M 112.911	404	4
M 112.912	421	43
M 112.913	421	43
M 112.914	421	43
M 112.915	421	43
M 112.916	421	43
M 112.917	421	43
M 112.920	421	43
M 112.921	421	43
M 112.922	421	43
M 112.923	421	43
M 112.940	422	43
M 112.941	422	43
M 112.942	422	43
M 112.943	422	43
M 112.944	422	43
M 112.945	422	43
M 112.946	422	43
M 112.947	422	43
M 112.949	422	43
M 112.951	422	43
M 112.953	422	43
M 112.954	422	43
M 112.955	422	43
M 112.970	427	59
M 112.972	427	59
M 112.973	427	59
M 112.975	427	59
M 112.976	427	59
M 113.940	422	44
M 113.941	422	44
M 113.942	422	44
M 113.943	422	44
M 113.944	422	44
M 115.921	405	11
M 115.928	405	11
M 115.929	405	11



MERCEDES-BENZ

M 115.952	426	55
M 115.970	426	55
M 115.971	426	55
M 119.975	425	53
M 119.981	425	53
M 119.985	425	53
M 121.920	404	6
M 123.920	405	10
M 123.921	405	10
M 160 E6AL B03	404	1
M 160 E6AL B04	404	1
M 160 E6AL B05	404	1
M 272.911	412	25
M 272.920	412	25
M 272.921	412	25
M 272.922	412	25
M 272.940	413	25
M 272.941	413	25
M 272.942	413	25
M 272.943	413	25
M 272.944	413	25
M 272.945	413	25
M 272.946	413	25
M 272.952	413	25
M 272.960	426	54
M 272.961	426	54
M 272.962	426	54
M 272.963	426	54
M 272.964	426	54
M 272.965	426	54
M 272.966	426	54
M 272.967	426	54
M 272.968	426	54
M 272.969	426	54
M 272.970	426	54
M 272.971	426	54
M 272.972	426	54
M 272.974	426	54
M 272.975	426	54
M 272.977	426	54
M 272.978	426	54
M 272.979	426	54
M 272.980	426	54
M 272.982	426	54
M 272.983	426	54
M 272.984	426	54
M 272.985	426	54
M 272.988	426	54
M 272.991	426	54
M 276.952	426	54
M 906.900	432	77
M 906.901	432	77
M 906.903	432	77
OM 314	427	60
OM 314.900	427	61
OM 314.910	427	61
OM 314.914	427	61
OM 314.915	427	61
OM 314.916	427	61
OM 314.917	427	61
OM 314.918	427	61
OM 314.919	427	61
OM 314.920	427	61



OM 314.921	427	61
OM 314.922	427	61
OM 314.924	427	61
OM 314.925	427	61
OM 314.926	427	61
OM 314.927	427	61
OM 314.928	427	61
OM 314.929	427	61
OM 314.930	427	61
OM 314.931	427	61
OM 314.932	427	61
OM 314.933	427	61
OM 314.934	427	61
OM 314.935	427	61
OM 314.936	427	61
OM 314.937	427	61
OM 314.938	427	61
OM 314.939	427	61
OM 314.940	427	61
OM 314.941	427	61
OM 314.942	427	61
OM 314.943	427	61
OM 314.944	427	61
OM 314.945	427	61
OM 314.946	427	61
OM 314.947	427	61
OM 314.948	427	61
OM 314.949	427	61
OM 314.950	427	61
OM 314.951	427	61
OM 314.952	427	61
OM 314.953	428	62
OM 314.953	427	61
OM 314.954	427	61
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OM 615.918	411	22



MERCEDES-BENZ

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OM 617.919	424	49
OM 617.931	424	49
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MERCEDES-BENZ

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MERCEDES-BENZ

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OM 907.940	431	72
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OM 907.960	431	72
OM 907.970	431	72
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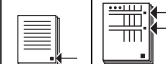
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OM 941.990	440	109
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OM 942.992	441	117

MG

99	442	1
99 H/907 P	442	1
99 H962P	442	1
99 HA	442	1
99 HE	442	1



MG		
99 HE20	442	1
99 HE21	442	1
99 HE22	442	2
A Series	442	1
MIELEC		
SW680	443	1
MINI (-2000)		
99 H	444	1
MINI (2001-)		
9HZ (DV6TED4)	445	1
mitsubishi		
4D55	447	13
4D55T	447	13
4D56	448	13
4D56 T	448	14
4D65	446	6
4D65 T	446	6
4G30	446	2
4G31	446	3
4G32	446	4
4G32 T/C	446	4
4G32 T (ECI)	446	4
4G33	446	2
4G35	446	5
4G36	446	2
4G37	446	6
4G37B	446	6
4G52	447	11
4G61	447	10
4G62	446	6
4G63	447	12
4G63 (SOHC 16V)	447	12
4G63T	447	12
4G63 T (ECI)	447	12
4G63 Turbo	447	12
BKD	446	7
BMM	447	8
BWC	447	9
D4BH	448	13
G31B	446	3
G32B	446	4
G32BT	446	4
G33B	446	2
G37B	446	1
G54B	448	14
G54B T/C	448	14
G63B	447	12
MORGAN		
132 C 3.000	449	3
132 D.000	449	3
AODA	449	4
LUA	449	1
RQB	449	2
MWM		
4.0 TCE	450	1
NISSAN		
4.236	453	20



D7F 764	451	1
F4R 720	452	8
F4R 722	452	8
F9Q 760	451	6
F9Q 762	452	7
F9Q 772	452	7
G9T 722	452	14
G9U 630	453	16
G9U 632	453	16
G9U 650	453	16
G9U 720	453	16
G9U 730	453	16
K4M 752	451	5
K9K 276	451	2
K9K 292	451	2
K9K 700	451	2
K9K 702	451	2
K9K 704	451	3
K9K 708	451	2
K9K 710	451	2
K9K 714	451	2
K9K 722	451	3
K9K 728	451	2
K9K 772	451	4
L20B	452	11
LD20	452	11
LD20B	452	11
LD20T	452	11
RD28	452	12
RD28T	452	12
SD20	452	9
SD23	453	17
SD25	453	17
SD33	452	10
SD33T	452	10
SR20DE	452	13
TD27TI	453	19
Z20	452	11
Z22	453	15
Z24	453	18
OM		
130T	455	9
1K	454	2
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804A	454	1
804A.401	454	1
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8340.04 R.001	455	9
8360.04	455	10
8360.05	455	10
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8365.25	455	10
C0	454	2
C0100	454	6
C070	454	6
C0D40	454	2
CN3	455	7
CO1D	454	2
CO1K	454	2
CO2/55	455	8
CO21	454	6
CO 2 D	454	5
CO 2D/1	454	5
CO 3	454	6



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CO 3.021	454	6
CO 3.041	454	6
CO 3.100	454	6
CO 3.70	454	6
CO 3-130T	455	9
CO 3-2	454	6
CO 3-41	454	6
CO 3 D	454	6
CO41	454	6
CO60	454	6
CO80	454	6
D40	454	2
Fiat-8040.02..	454	3

OPEL

11 N	457	6
12 NV	457	9
12 NZ	456	1
13 N	457	7
13 NB	457	7
13 S	457	7
13 SB	457	7
14 LV	457	8
14 NV	457	8
14 SE	457	8
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16 D	459	15
16 DA	459	15
16 N	459	16
16 N	464	32
16 S	459	16
16 SH	459	16
16 SV	458	10
17 DR	462	26
17 L	465	42
17 N	465	42
17 S	465	42
18 E	463	30
18 N	463	30
18 NV	463	31
18 NVR	463	31
18 S	463	30
18 SE	463	30
18 SEH	463	30
18 SV	463	30
20 D	464	37
20 E	467	52
20 ER	467	52
20 N	467	52
20 NEJ	464	33
20 S	467	52
20 SE	464	34
20 SEH	464	34
20 SER	464	33
20 XE	464	34
21 D	465	43
22 E	467	52
23 D	466	46
23 DTR	466	46
23 TD	466	46
23 YD	466	47
23 YDT	466	46



25 E	465	38
25 H	465	39
25 NE	465	38
25 S	465	39
28	466	48
28 E	466	49
28 EC	466	49
28 H	466	49
28 S	466	49
30 E	468	53
30 H	468	53
30 NE	468	53
4 JG2T	468	55
4 JG2TC	468	55
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C 14 NZ	457	8
C 14 SE	457	8
C 16 E	458	11
C 16 LZ	458	12
C 16 NZ	458	11
C 16 SE	458	11
C 16 XE	458	12
C 18 NE	463	30
C 18 NZ	463	30
C 18 XE	461	22
C 18 XEL	461	22
C 20 NE	464	34
C 20 NEJ	464	34
C 20 SEL	464	34
C 20 XE	464	34
C 20 XEV	464	34
C 24 NE	468	54
C 25 XE	461	23
C 26 NE	466	44
C 30 LE	468	53
C 30 NE	468	53
C 30 SE	468	53
C 30 SEJ	468	53
E 12 GV	459	13
F 4 R 720	462	28
F8Q 600	460	18
F8Q 606	460	18
F9Q 760	460	17
F9Q 762	460	18
F 9 Q 770	460	18
F 9 Q 774	460	18
G9T 720	465	40
G9T 722	465	40
G9T 750	465	41
G9U 632	466	45
G9U 720	466	45
G9U 724	466	45
G9U 730	466	45
G9U 750	466	45
G9U 754	466	45
S8U 758	467	50
S8U 770	467	50
S8U 780	467	50
S8U 782	467	50
S9W 702	467	51
TC 4 EE 1	459	14
X 10 XE	456	2
X 12 SZ	456	1
X 12 XE	456	3
X 14 NZ	457	8



OPEL

X 14 SZ	457	8
X 14 XE	457	8
X 16 SZR	458	11
X 16 XE	458	11
X 16 XEL	458	11
X 17 DT (TC4EE1)	459	14
X 17 DTL	462	27
X 18 XE	461	22
X 18 XE1	460	20
X 20 DTH	463	29
X 20 DTL	463	29
X 20 SE	464	34
X 20 XEV	464	34
X 22 DTH	463	29
X 22 SE	464	34
X 22 XE	464	34
X 25 TD	460	19
X 25 XE	461	23
X 30 XE	464	35
Y 16 XE	458	12
Y 20 DTH	463	29
Y 20 DTL	463	29
Y 22 DTH	463	29
Y 22 DTR	463	29
Y 22 SE	464	34
Z 10 XE	456	2
Z 10 XEP	456	4
Z 12 XE	456	3
Z 12 XEP	456	5
Z 14 XE	457	8
Z 14 XEL	456	5
Z 14 XEP	456	5
Z 16 SE	458	11
Z 16 XE	458	12
Z 16 XEP	458	12
Z 16 XER	458	12
Z 16 YNG	458	12
Z 18 XE	460	20
Z 18 XEL	461	21
Z 19 DTH	461	24
Z 22 SE	464	36

OTOSAN

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PERKINS

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3.152.2	470	3
3.152.4	470	3
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4.2032	471	4
4.212	472	7
4.236	472	8
4.248	472	12
4.2482	472	12
4.288D	473	13
4.318	473	14
4.40	472	10
A 4.212	472	7
A 4.236	472	7
A 4.248	472	12



AD 3.152	471	5
AD 4.203	471	4
AT 4.236	472	9
CA.236	472	7
D3.152	470	3
G 4.203	471	4
G 4.212	472	7
G 4.236	472	7
P 3.144	470	2
P 3.152	471	6
P 4.203	471	4
T 3.152.4	470	3
T 4.236	472	9
T 4.40	472	11

PEUGEOT

105 (XM7)	496	65
106 (XN1)	499	79
107 (XN2)	499	79
108 (XV3)	474	1
108 (XV5)	474	2
108C (XV8)	474	3
109 (XW3)	476	6
109F (XW7)	476	7
109N (XW7)	476	7
121 (XW3S)	477	8
129 (XZ5)	480	17
134 (XD2)	500	86
147 (XD2S)	501	87
150 (XY6B)	481	18
150B (XY8)	481	19
150D (XY7)	482	20
150G (XY7)	482	21
150H (XY8)	482	20
152A (XD3T)	501	87
152B (XD3TE)	501	87
155 (XD3)	501	87
159 (XU9S)	490	47
161A (XUD7)	489	40
162 (XUD9)	490	48
169B (XM7T)	496	65
170 (XN1T)	499	79
170B (XN1T)	499	79
170C (XN1TA)	499	79
171 (XU5S)	490	47
180A (XU5J)	490	47
180Z (XU5J)	490	47
4HK (DW12MTED4)	496	66
4HL (DW12C)	496	66
4HN (DW12MTED4)	496	66
4HR (DW12BTED4)	496	66
4HS (DW12BTED4)	496	66
4HT (DW12BTED4)	496	66
4HW (DW12BTED4)	496	66
4HX (DW12TED4/FAP)	496	67
4HZ (DW12TED4)	496	67
8140.43N	501	89
8140.43S (F28DTCR)	501	90
8140.63 (F28D)	501	90
851 (ZDJ)	499	80
851B (ZDJL)	499	80
851X (ZDJL)	499	80
8HP (DV4C)	480	16
8HR (DV4C)	480	16
8HR (DV4TD)	480	16



PEUGEOT

8HS (DV4TD)	480	16
8HS (DV4TED)	480	16
8HT (DV4TD)	480	16
8HX (DV4TD)	480	16
8HZ (DV4TD)	480	16
9HD (DV6CTED)	483	22
9HF (DV6DTED)	483	23
9HM (DV6UC)	483	22
9HP (DV6DTED)	483	22
9HS (DV6TED4BU)	483	22
9HT (DV6BTED4)	483	22
9HU (DV6UTED4)	483	22
9HV (DV6ATED4)	483	22
9HW (DV6BTED4)	483	22
9HX (DV6ATED4)	483	22
9HY (DV6TED4)	483	22
9HZ (DV6TED4)	483	22
A8A	489	41
A8A (XUD7TE)	489	42
A8B (XUD7TE)	489	43
A9A (XUD7)	489	40
ACAV	497	73
AJZ (XUD7TEY)	490	44
B1A (XU51C)	490	47
B1E (XU51C)	490	47
B6B (XU5J)	490	47
BAZ (XU5CP)	490	49
BDY (XU5M2Z)	490	49
BDY (XU5M3Z)	490	49
BDZ (XU5M)	490	49
BFZ (XU5JP)	490	49
CDY (TU9M)	475	4
CDZ (TU9M)	475	4
D2A (XU92C)	491	50
D2B (XU9S)	490	47
D2C (XU92C (ohne KAT))	490	47
D2C (XU92C (U-KAT))	491	51
D6A (XU9J2)	491	50
D6B (XU9JA (G-KAT))	492	52
D6B (XU9JA (ohne KAT))	492	52
D6C (XU9J4)	492	52
D8B (XUD9TE)	493	53
D8C (XUD9AU)	493	54
D8C (XUD9UTF)	493	55
D9A (XUD9)	490	48
D9B (XUD9A)	490	48
D9B (XUD9AU)	490	48
DDZ (XU9M)	492	52
DFW (XU9J4Z)	492	52
DFZ (XU9J1)	492	52
DHV (XUD9BSD)	493	56
DHW (XUD9SD)	493	57
DHX (XUD9TE)	494	58
DHY (XUD9TE)	494	59
DJY (XUD9A)	490	48
DJZ (XUD9Y)	493	54
DKZ (XU9JAZ)	492	52
DW 10 AFAP	496	68
DW 10 ATE	496	68
DW 10 ATED.L3	496	68
DW 10 ATED.L4	496	68
DW 10 TD.L3	496	68
DW 10 TD.L4	496	68



DW 10 UTD	496	68
DW 10 UTD.E3	496	68
H1B (TU1)	477	9
HDY (TU1M)	478	10
HDZ (TU1M)	478	10
HFX (TU1A)	478	11
HFX (TU1JP)	478	12
HFZ (TU1JP)	479	13
K1D (TU3A)	483	25
K2B (TU3S)	484	26
K5A (TU3)	482	21
K6D (TU3A)	483	25
K6E (TU3A)	483	25
K6F (TU3A)	483	25
K9Y (TUD3Y)	482	20
KAY (TU3CP)	482	21
KDX (TU3MC)	484	27
KDY (TU3M)	485	28
KDZ (TU3M)	484	27
KFT (TU3A)	485	29
KFU (ET3J4)	486	30
KFV (TU3A)	485	29
KFV (TU3JP)	486	31
KFW (TU3A)	485	28
KFW (TU3JP)	487	32
KFX (TU3JP)	487	32
KFZ (TU3J2/Z)	482	21
LFW (XU7JP)	494	60
LFX (XU7JB)	494	60
LFY (XU7JP4)	494	60
LFZ (XU7JP)	494	60
NFR (TU5JP4B)	489	38
NFT	489	38
NFU (TU5JP4)	489	38
NFW (TU5J2)	489	38
NFX (TU5J4)	489	38
NFY (TU5J2)	489	38
NFZ (TU5JP)	489	38
P8C (XUD11BTE)	496	69
P9A (XUD11A)	497	74
PHZ (XUD11ATE)	496	70
R5A (XU102C)	497	75
RFL (XU10J2U)	498	76
RFS (XU10J4RS)	498	76
RFT (XU10J4)	498	77
RFU (XU10J2)	497	75
RFV (XU10J4R)	498	77
RFW (XU10J2)	497	75
RFX (XU10J2)	497	75
RFY (XU10J4Z)	498	77
RFZ (XU10J2Z)	497	75
RGX (XU10J2TE)	497	74
RGY (XU10J2TE)	497	74
RGZ (XU10J4TE/Z)	498	76
RHH (DW10CTED4)	496	66
RHK (DW10UTED4)	497	71
RHM (DW10ATED4)	497	71
RHO (DW10DTED4)	496	66
RHR (DW10BTED4)	496	66
RHS (DW10ATED)	497	71
RHT (DW10ATED4)	497	71
RHV (DW10TD)	497	71
RHV (DW10UTD)	497	71
RHW (DW10ATED4)	497	72
RHX (DW10BTED)	497	71



PEUGEOT

RHY (DW10TD)	497	71
RHZ (DW10ATED)	497	71
RHZ (DW10BTED)	496	68
T8A (DJ5T)	500	85
T9A (DJ5)	500	85
THY (DK5ATE)	500	85
TU 1 K	479	14
TU24	487	33
TU2J2	483	25
TU 3.2/K	484	26
TU 3.2 TR/K	487	34
TU32	487	33
TU 3 JP	486	30
TU 5 F	489	38
TU 5 JP	489	39
TU9	475	4
TU 9 Z	474	1
VJX (TUD5)	488	36
VJY (TUD5)	488	36
WJY (DW8B)	490	46
WJZ (DW8)	490	46
XD2	501	87
XD2P94	501	88
XD2PX94	500	86
XD2S	501	87
XD3P	500	86
XD 3 S	500	86
XD3T	501	87
XD3TE	501	87
XD 88	499	81
XD 90	499	81
XD 94	500	86
XDP 4.88	500	82
XDP 4.90	500	83
XDP88	499	81
XDP 90	500	84
XK5	488	37
XL5	489	37
XL5S	489	37
XM7	496	65
XM 7 A	496	65
XM7P	496	65
XN1	499	79
XN 1 A	499	79
XN1P	499	79
XN1T	499	79
XR 5	489	37
XR 5 S	489	37
XU 10 J 2	497	73
XU 10 TE	498	78
XU 5 F	494	61
XU 7 JP 4	494	62
XU 92 C	495	63
XU9 TE	494	59
XUD 7 A	490	45
XUD7T	489	42
XUD9	493	54
XUD 9 ATF	493	56
XUD 9 BTF	493	55
XUD 9 BTF L3	494	59
XUD 9 SE	493	56
XUD 9 STD	494	59
XUD9TE	493	53



XUD 9 UTF	495	64
XV 5	475	5
XW3S	480	15
XY 7	488	35

PORSCHE

M02.2Y	502	1
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PREMIER

146 B3.000	503	1
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PUCH

M 102.981	507	10
M 102.987	507	10
M 102.989	507	10
M 103.987	505	4
M 104.996	506	7
OM 602.930	504	1
OM 602.942	505	5
OM 603.931	504	2
OM 603.972	506	6
OM 606.964	505	3
OM 616.936	507	8
OM 617.931	507	9

RANGER

25 H	509	1
25 S	509	2

RENAULT

129	512	13
150	512	14
688.01	510	4
688.03	510	5
688.10	510	6
688.11	510	5
688.12	510	5
688 02	510	5
688 711	510	6
688 712	510	6
688 713	510	6
689.01	510	2
689.10	510	2
689 710	510	2
807	514	25
807.10	514	25
807 20	515	25
807 727	514	25
810.03	511	11
810.05	511	9
810.10	511	11
810.25	511	11
810.26	511	11
810 01	511	9
810 02	511	10
810-02/97	511	9
810 06	511	9
810 719	511	10
810 725	511	10
810 726	511	10
810 729	511	10
810 96	511	11
810 97	511	11
813.02	510	1
8140.07.2700	529	74



RENAULT

8140.27.2500	530	76
8140.27.2510	530	76
8140.27.2580	530	76
8140.43.2585	532	85
8140.61.2300	530	75
8140.61.240	530	75
8140.67.2510	530	76
8140.67.2550	530	76
8140 67.2500	530	76
8140 67.2580	530	76
821	514	25
821 10	514	25
821 11	514	25
821 20	514	25
829 700	528	70
829 701	528	70
829 702	528	71
829 703	528	71
829 720	528	71
829 721	528	71
829 730	528	71
829 731	528	71
840 725	513	19
840 726	513	19
840 730	513	19
841 705	516	30
841 717	516	30
841 725	516	30
841 726	516	30
843	516	30
843.05	516	30
843 720	516	30
843 721	516	30
843 723	516	30
843 724	516	30
847 700	513	19
847 701	513	19
847 712	513	19
847 720	513	19
847 722	513	19
847 725	513	19
847 99	513	20
851 700	529	72
852	526	59
852 710	526	59
852 720	526	59
852 750	526	59
A1M 705	516	30
A1M 707	516	30
A1M 708	516	30
A2M 723	516	30
A5L 717	514	25
A5L 718	514	25
A5L 750	514	25
A6M 725	516	30
A6M 726	516	30
C1C 700	510	2
C1C 706	510	2
C1C 708	510	2
C1C 754	510	2
C1E 688	511	7
C1E 700	510	4
C1E 714	510	6



C1E 715	510	4
C1E 718	510	6
C1E 719	510	6
C1E 720	510	4
C1E 726	510	6
C1E 750	510	4
C1E 752	511	7
C1E 754	511	7
C1E 756	511	7
C1E 760	511	7
C1E 762	511	7
C1E 764	511	7
C1E 792	511	7
C1G	511	8
C1G 700	511	8
C1G 702	511	8
C1G 710	511	8
C1G 720	511	8
C1G 722	511	8
C1G 726	511	8
C1G 730	511	8
C1J 700	513	19
C1J 715	513	19
C1J 742	513	19
C1J 760	513	19
C1J 764	513	19
C1J 768	513	19
C1J 770	513	19
C1J 780	513	19
C1J 782	513	19
C1J 784	513	19
C1J 788	513	19
C1J 791	513	19
C1J 792	513	19
C1J 793	513	19
C1J 796	513	19
C2J 700	513	19
C2J 713	513	19
C2J 717	513	19
C2J 718	513	19
C2J 720	513	19
C2J 730	513	19
C2J 755	513	19
C2J 756	513	20
C2J 757	513	19
C2J 760	513	20
C2J 766	513	19
C2J 767	513	19
C2J 768	513	19
C2J 770	513	19
C2J 772	513	19
C2J 776	513	20
C2J 780	513	19
C2J 781	513	19
C2J 782	513	19
C2J 784	513	19
C2J 788	513	19
C2J 789	513	19
C2J 792	513	20
C2J 794	513	20
C2J 796	513	20
C2J 797	513	20
C2J 798	513	19
C2L 714	515	26
C2L 717	515	26



RENAULT

C3G 700	512	12
C3G 702	512	12
C3G 710	512	12
C3G 712	512	12
C3G 720	512	12
C3J 700	513	19
C3J 702	513	19
C3J 710	513	19
C3J 756	513	20
C3J 760	513	19
C3J 762	513	19
C6J 750	513	19
D7F 700	510	3
D7F 701	510	3
D7F 702	510	3
D7F 703	510	3
D7F 704	510	3
D7F 706	510	3
D7F 710	510	3
D7F 720	510	3
D7F 722	510	3
D7F 726	510	3
D7F 730	510	3
D7F 744	510	3
D7F 746	510	3
D7F 764	510	3
D7F 766	510	3
D7F 800	510	3
dCi 11-270	535	95
dCi 11 B/43	535	95
DCi 11C	535	95
DCi 11E	535	95
DCi 11G	535	95
DXi 11	535	96
DXi 13 440	536	100
DXi 13 460	536	101
DXi 13 480	536	100
DXi 13 500	536	101
DXi 13 520	536	100
DXi 5	534	89
DXi 7	534	89
E5F 710	512	16
E5F 716	513	17
E6J 700	513	18
E6J 701	513	18
E6J 706	513	17
E6J 712	513	17
E6J 713	513	17
E6J 718	513	17
E6J 734	513	17
E6J 738	513	17
E6J 760	513	17
E7F 700	513	18
E7F 706	513	18
E7F 708	513	18
E7F 750	513	18
E7J 601	513	18
E7J 624	513	18
E7J 626	513	18
E7J 634	512	16
E7J 635	512	16
E7J 700	513	17
E7J 706	513	18



E7J 707	513	17
E7J 710	513	18
E7J 711	513	18
E7J 718	513	18
E7J 719	513	18
E7J 720	513	18
E7J 724	513	18
E7J 726	513	18
E7J 728	513	18
E7J 742	513	18
E7J 745	513	17
E7J 754	513	18
E7J 756	513	18
E7J 757	513	18
E7J 764	513	18
E7J 770	513	17
E7J 771	513	17
E7J 773	513	18
E7J 780	512	16
F1N 720	521	46
F1N 722	521	46
F1N 724	521	46
F2N 700	521	46
F2N 704	521	46
F2N 708	521	46
F2N 710	522	47
F2N 711	522	47
F2N 712	522	47
F2N 716	522	47
F2N 720	522	47
F2N 721	522	47
F2N 722	522	47
F2N 724	522	47
F2N 726	522	47
F2N 727	522	47
F2N 728	522	47
F2N 730	521	46
F2N 732	522	47
F2N 740	522	47
F2N 742	522	47
F2N 750	522	47
F2N 752	522	47
F2N 753	522	47
F2N 754	522	47
F2N 770	522	47
F2N 798	521	46
F3N 702	522	47
F3N 708	521	46
F3N 716	522	47
F3N 717	522	47
F3N 718	522	47
F3N 722	522	47
F3N 723	522	47
F3N 726	522	47
F3N 740	522	47
F3N 741	522	47
F3N 742	522	47
F3N 743	522	47
F3N 746	522	47
F3P 670	523	49
F3P 674	523	50
F3P 676	523	51
F3P 678	523	49
F3P 682	523	49
F3P 700	524	52



RENAULT

F3P 704	523	49
F3P 705	523	49
F3P 706	523	49
F3P 707	523	49
F3P 708	523	49
F3P 710	523	49
F3P 712	523	49
F3P 714	523	49
F3P 720	523	49
F3P 724	523	49
F3P 754	523	49
F3P 755	523	49
F3P 758	523	49
F3P 760	523	49
F3P 764	523	49
F3P 765	524	52
F3R 200	524	53
F3R 611	524	54
F3R 722	523	49
F3R 723	523	49
F3R 728	523	49
F3R 729	523	49
F3R 742	524	55
F3R 750	523	49
F3R 751	523	49
F3R 752	523	49
F3R 768	523	49
F3R 769	523	49
F3R 791	523	49
F3R 796	523	49
F3R 797	524	55
F3R 798	523	49
F4	524	54
F4P	524	54
F4P 720	524	54
F4P 722	524	54
F4P 760	524	54
F4P 770	524	54
F4P 771	524	54
F4P 773	524	54
F4P 774	524	54
F4P 775	524	54
F4R	524	54
F4R 700	523	50
F4R 701	523	50
F4R 712	523	50
F4R 713	525	56
F4R 714	525	56
F4R 715	525	56
F4R 720	523	50
F4R 722	523	50
F4R 730	523	50
F4R 732	525	57
F4R 738	525	56
F4R 740	523	50
F4R 741	523	50
F4R 744	523	50
F4R 746	525	56
F4R 760	523	50
F4R 761	523	50
F4R 762	523	50
F4R 763	523	50
F4R 764	523	50



F4R 765	525	56
F4R 770	523	50
F4R 771	525	56
F4R 780	523	50
F4R 786	525	56
F4R 787	525	56
F4R 790	523	50
F4R 791	523	50
F4R 794	523	50
F4R 795	523	50
F4R 796	525	56
F4R 797	523	50
F4R 820	525	56
F4R 867	525	56
F4R 870	525	56
F4R 872	525	56
F4R 897	525	56
F5R	524	54
F5R 700	526	60
F5R 701	527	61
F7P 700	522	48
F7P 704	522	48
F7P 720	522	48
F7P 722	522	48
F7R 700	525	58
F7R 710	525	58
F7R 714	525	58
F8M 700	515	27
F8M 720	515	28
F8M 730	516	29
F8M 736	515	28
F8M 760	516	29
F8Q 600	518	37
F8Q 606	519	38
F8Q 610	519	38
F8Q 620	519	38
F8Q 622	519	39
F8Q 624	519	38
F8Q 630	519	39
F8Q 632	519	38
F8Q 640	519	40
F8Q 644	520	41
F8Q 646	520	41
F8Q 648	518	37
F8Q 662	519	39
F8Q 676	519	39
F8Q 678	519	40
F8Q 680	518	37
F8Q 682	519	39
F8Q 684	518	37
F8Q 696	519	38
F8Q 706	519	40
F8Q 710	519	38
F8Q 722	519	40
F8Q 724	519	38
F8Q 730	519	40
F8Q 732	519	38
F8Q 740	519	38
F8Q 742	519	40
F8Q 744	519	40
F8Q 764	520	41
F8Q 768	520	41
F8Q 774	519	38
F8Q 776	519	38
F8Q 784	519	38



RENAULT

F8Q 785	520	41
F8Q 786	519	38
F8Q 788	520	41
F8Q 790	519	38
F9Q 650	518	37
F9Q 664	519	39
F9Q 670	519	39
F9Q 674	519	39
F9Q 680	519	39
F9Q 710	519	39
F9Q 716	519	39
F9Q 717	519	39
F9Q 718	520	42
F9Q 722	519	39
F9Q 730	520	42
F9Q 731	519	39
F9Q 732	519	39
F9Q 733	519	39
F9Q 734	520	42
F9Q 736	519	39
F9Q 740	519	39
F9Q 746	518	37
F9Q 750	519	39
F9Q 752	519	39
F9Q 754	519	39
F9Q 756	518	37
F9Q 758	519	39
F9Q 759	519	39
F9Q 760	520	43
F9Q 762	519	39
F9Q 770	521	44
F9Q 772	519	39
F9Q 774	519	39
F9Q 780	519	39
F9Q 782	519	39
F9Q 790	519	39
F9Q 796	521	45
F9Q 800	519	39
F9Q 803	519	39
F9Q 804	519	39
F9Q 808	519	39
F9Q 812	519	39
F9Q 816	519	39
F9Q 818	519	39
F9Q 820	519	39
F9Q 826	519	39
F9Q 870	521	45
F9Q 872	521	45
F9Q E 804	521	45
F9Q J 803	521	45
G8T	527	63
G8T 706	527	64
G8T 714	527	65
G8T 716	527	65
G8T 740	527	65
G8T 752	527	64
G8T 760	527	65
G8T 790	528	66
G8T 792	528	67
G8T 794	528	66
G8T E706	528	68
G8T V760	527	63
G9T 600	528	69



G9T 605	528	69
G9T 606	528	69
G9T 607	528	69
G9T 642	528	69
G9T 645	528	69
G9T 700	528	69
G9T 702	528	69
G9T 703	528	69
G9T 704	528	69
G9T 706	528	69
G9T 707	528	69
G9T 710	528	69
G9T 712	528	69
G9T 720	528	69
G9T 722	528	69
G9T 742	528	69
G9T 743	528	69
G9T 750	528	69
G9U 630	529	73
G9U 632	529	73
G9U 650	529	73
G9U 720	529	73
G9U 724	529	73
G9U 730	529	73
G9U 750	529	73
G9U 754	529	73
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J6R 793	528	71
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J7R 723	529	71
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RENAULT

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J7R 768	528	71
J7T 600	529	72
J7T 706	529	72
J7T 707	529	72
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J7T 762	529	72
J7T 763	529	72
J7T 770	529	72
J7T 772	529	72
J7T 773	529	72
J7T 776	529	72
J7T 780	529	72
J7T 782	529	72
J7T 788	529	72
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J8S 330	526	59
J8S 600	526	59
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J8S 622	527	62
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J8S 776	527	62
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RENAULT

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M 620 B	534	90
M 620 P	534	90
M 620 T	534	90
M 620 Z	534	90
M 620 Z3	534	90
M635.40	536	102
M635.40 A	536	102
M635.40 C	536	102
M635.40 CD	536	102
M635.40 CP	536	102
M635.40 CZ	536	102
M635.40 ET	536	102
MD635.40	536	102
MDR 635.40	536	102
MDS 635.40	536	102
MDZ 23	534	91
MDZ 23 M	534	90
MDZ 620	534	90
MDZ 620 Z	534	90
MH 620	534	90
MID 06.20.30 C	534	92
MID 06.20.30 G	535	92
MID 06.20.45	535	92
MIDR 06.02.12	534	88
MIDR 06.02.12D	534	88
MIDR 06.02.26	534	88
MIDR 06.02.26 D	534	88
MIDR 06.02.26 H	534	88
MIDR 06.02.26 Q	534	88
MIDR 06.02.26U	534	88
MIDR 06.02.26V	534	88
MIDR 06.02.26W	534	88
MIDR 06.02.26X	534	88
MIDR 06.20.30 A	534	92
MIDR 06.20.45	535	92
MIDR 06.20.45 A	535	92
MIDR 06.20.45 B3	535	92
MIDR 06.20.45 C	535	93
MIDR 06.20.45 D	535	92
MIDR 06.20.45 D3	535	92
MIDR 06.20.45 E2	535	94



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MIDR 06.20.45 E3	535	92
MIDR 06.20.45 H	535	92
MIDR 06.20.45 J3	535	92
MIDR 06.23.56	535	97
MIDR 06.23.56 A/3	536	98
MIDR 06.23.56 A/41	536	98
MIDR 06.23.56 B41	536	98
MIDR 06.24.65 A/42	536	99
MIDR 06.24.65 A/46	536	99
MIDR 06.24.65 AB	536	99
MIDR 06.24.65 B/42	536	99
MIDR 06.24.65 B/46	536	99
MIDR 06.24.65 C/42	536	99
MIDR 06.24.65 C/46	536	99
MIDR 06.35.40	536	102
MIDR 06.35.40 C	536	102
MIDR 06.35.40 G	536	102
MIDR 06.35.40 H	536	102
MIDR 06.35.40 J/3	536	102
MIDR 06.35.40 J1	536	102
MIDR 06.35.40 L1	536	102
MIDR 06.35.40 N/3	536	102
MIDS 06.02.12	534	88
MIDS 06.02.12 B	534	88
MIDS 06.02.12C	534	88
MIDS 06.02.12 D/3	534	88
MIDS 06.20.30	535	92
MIDS 06.20.30 N	534	92
MIDS 06.20.30 P	534	92
MIDS 06.20.45	535	92
MIDS 06.20.45 B	535	92
MIDS 06.20.45 D	535	92
MIDS 06.20.45 F	535	92
MIDS 06.20.45 J	535	92
MIDS 06.35.40	536	102
MIDS 06.35.40 C	536	102
MIDS 06.35.40 D	536	102
MIDS 06.35.40 G	536	102
MIP 06.20.30	534	92
MIPR 06.20.45 A	535	92
MIPR 06.20.45 A3	535	92
MIPR 06.20.45 B3	535	92
MIPR 06.20.45 C3	535	92
MIPS 06.20.30	535	93
MIPS 06.20.45	535	92
MS 06.35 T	536	102
R 63540	536	102
S8U 720	530	75
S8U 722	530	75
S8U 730	530	77
S8U 731	530	78
S8U 742	531	79
S8U 748	531	80
S8U 750	530	76
S8U 752	530	76
S8U 758	530	76
S8U 762	531	81
S8U 763	532	82
S8U 770	530	78
S8U 780	530	76
S8U D700	532	83
S8U D750	532	83
S8U S758	532	82



S8U T748	532	82
S9U 700	532	84
S9U 702	530	76
S9U 714	530	76
S9U 740	530	76
S9U C704	532	83
S9U D714	532	82
S9W 700	533	86
S9W 702	533	87
XY 6 B	512	15

RENAULT TRUCKS

8140.43.2585	537	1
dCi 11-270	539	6
dCi 11 B/43	539	6
DCi 11C	539	6
DCi 11E	539	6
DCi 11G	539	6
DXi 11	539	7
DXi 13 480	539	10
DXi 5	537	3
DXi 7	537	3
MIDR 06.02.12D	537	2
MIDR 06.02.26	537	2
MIDR 06.02.26 D	537	2
MIDR 06.02.26 H	537	2
MIDR 06.02.26 Q	537	2
MIDR 06.02.26U	537	2
MIDR 06.02.26V	537	2
MIDR 06.02.26W	537	2
MIDR 06.02.26X	537	2
MIDR 06.20.45	538	4
MIDR 06.20.45 B3	538	4
MIDR 06.20.45 D	538	4
MIDR 06.20.45 D3	538	4
MIDR 06.20.45 E2	538	5
MIDR 06.20.45 E3	538	4
MIDR 06.20.45 H	538	4
MIDR 06.23.56 A/3	539	8
MIDR 06.23.56 A/41	539	8
MIDR 06.23.56 B41	539	8
MIDR 06.24.65 A/42	539	9
MIDR 06.24.65 B/42	539	9
MIDR 06.24.65 C/42	539	9
MIDR 06.35.40	540	11
MIDR 06.35.40 C	540	11
MIDR 06.35.40 G	540	11
MIDR 06.35.40 H	540	11
MIDR 06.35.40 J/3	540	11
MIDR 06.35.40 J1	540	11
MIDR 06.35.40 L1	540	11
MIDR 06.35.40 N/3	540	11
MIDS 06.02.12 B	537	2
MIDS 06.02.12C	537	2
MIDS 06.02.12 D/3	537	2
MIDS 06.20.30	538	4
MIDS 06.20.30 N	538	4
MIDS 06.20.30 P	538	4
MIDS 06.20.45	538	4
MIDS 06.20.45 B	538	4
MIDS 06.20.45 J	538	4
MIDS 06.35.40 D	540	11
MIPR 06.20.45 A3	538	4



ROVER

10 J	541	6
12A 2A	541	3
12A 2B	541	3
12A 2D	541	3
12A 2E	541	3
12 H	541	2
12H 907-8AA	541	3
12H 907AA	541	3
12H 959AA	541	3
12H 99	541	3
12H 999	541	3
12HD 17	541	3
12HD 18	541	3
12HD 19	541	3
12HD 20	541	3
12HD 21	541	3
12HD 22	541	3
12HD 23	541	3
12HD 24	541	3
12J	542	7
17H	542	8
19 J	542	7
2.3	542	9
99 H	541	1
M 47 R	541	5
TDi 200	542	8
TDi 300	542	8
XUD 7 TE	541	4

ROVER GROUP

99 H	543	1
99 H	543	1
99 H	543	1
M 47 R	543	3
XUD 7 TE	543	2

SAAB

B201L	544	4
D223L	544	3
X 22 DTH	544	3
Z 18 XE	544	1
Z 19 DTH	544	2

SCANIA

D 10-R 01	546	11
D 11 R 23	546	11
D 8.01	545	1
DC 11.01	547	13
DC 11.02	547	13
DC 11.03	547	13
DC 11.04	547	13
DC 11.07	547	13
DC 11.08	547	13
DC 11 01	547	12
DC 11 06	547	12
DC 11 07	547	12
DC 11 09	547	12
DC 11 340	547	13
DC 11 380	547	13
DC 12.01	547	14
DC 12.02	547	14
DC 12.03	547	14
DC 12.09	547	14



DC 12.10	547	15
DC 12.11	547	13
DC 12.12	548	16
DC 12.13	547	15
DC 12.14	547	15
DC 12.15	547	15
DC 12.17	548	17
DC 12.18	548	17
DC 12.22	548	17
DC 12.23	548	17
DC 12.24	548	17
DC 12.26	548	17
DC 12.50 A 272	548	16
DC 12.50 A 316	548	16
DC 12.50 A 330	548	16
DC 12.55 A 294	548	16
DC 12.55 A 316	548	16
DC 12.55 A 331	548	16
DC 12.58 A 257	548	16
DC 12.58 A 272	548	16
DC 12-420	547	13
DC 13.05	550	23
DC 13.06	550	23
DC 13.07	550	23
DC 13.10	550	23
DC 13.107	550	23
DC 13.109	550	23
DC 13.110	550	23
DC 13.111	550	23
DC 13.113	550	23
DC 13.114	550	23
DC 13.115	550	23
DC 13.116	550	23
DC 13.120	550	23
DC 13.124	550	23
DC 13.125	550	23
DC 14.62	548	18
DC 16.01	548	19
DC 16.02	548	19
DC 16.03	548	19
DC 16.04	548	19
DC 16.05	548	19
DC 16.06	548	19
DC 16.08	548	19
DC 16.09	548	19
DC 16.22	548	19
DC 16.40 A 404	548	19
DC 16.40 A 432	548	19
DC 16.41 A 294	548	19
DC 16.41 A 331	548	19
DC 16.47 A 353	548	19
DC 16.47 A 382	548	19
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DC 9.01	545	3
DC 9.02	545	3
DC 9.03	545	3
DC 9.04	545	3
DC 9.05	545	3
DC 9.06	545	3
DC 9.19	548	19
DC 9.21	548	19
DC 9.22	550	24
DC 9.24	550	24
DC 9.29	550	24
DC 9.30	550	24



SCANIA

DC 9.31	548	19
DC 9.32	550	24
DC 9.35	550	24
DC 9.36	550	24
DC 9.37	550	24
DC 9.38	550	24
DC 9.39	550	24
DN 8.01	545	1
DN 8.05	545	1
DN 9	545	4
DN 9.01	545	5
DN 9.01	545	6
DS 11	546	11
DS 11.01	546	11
DS 11.02	546	11
DS 11.14	546	11
DS 11.15	546	11
DS 11.18	546	11
DS 11.34	546	11
DS 11.41	546	11
DS 11.73	546	11
DS 11.75	546	11
DS 14.01	548	20
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DS 14.47	548	20
DS 14.48	548	20
DS 14.49	548	20
DS 14.50	548	20
DS 14.51	548	20
DS 14.52	548	20
DS 14 Case	548	20
DS 8.01	545	1
DS 8.05	546	7
DS 8.06	545	1
DS 9	545	5
DS 9.01	545	5
DS 9.01 L01	545	4
DS 9.01 L02	545	4
DS 9.02	545	5
DS 9.03 B01	545	4
DS 9.04	545	4
DS 9.05	546	8
DS 9.05 B01	545	5
DS 9.05 B02	545	5
DS 9.06	545	5
DS 9.08	545	5
DSC 11.01	546	11
DSC 11.01	546	11
DSC 11.02	546	11
DSC 11.04	546	11
DSC 11.08 N	546	11
DSC 11.08 S	546	11
DSC 11.10 N	549	21
DSC 11.11	546	11
DSC 11.12	546	11
DSC 11.13	546	11
DSC 11.16	546	11
DSC 11.17	546	11
DSC 11.18	546	11
DSC 11.21	546	11
DSC 11.22	546	11
DSC 11.23	546	11



DSC 11.30 N	546	11
DSC 11.30 S	546	11
DSC 11.35	546	11
DSC 11.36	546	11
DSC 11.70	546	11
DSC 11.70 N	546	11
DSC 11.70 S	546	11
DSC 11.71	546	11
DSC 12.01	549	22
DSC 12.02	550	22
DSC 12.03	549	22
DSC 12.05	549	22
DSC 12.06	549	22
DSC 14.01	548	20
DSC 14.02	548	20
DSC 14.03	548	20
DSC 14.04	548	20
DSC 14.08	548	20
DSC 14.08	548	20
DSC 14.09	548	20
DSC 14.09	548	20
DSC 14.10	548	20
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DSC 14.16	548	20
DSC 14.45	548	20
DSC 14.46	548	20
DSC 14.49	548	20
DSC 14.57	548	20
DSC 14.61	548	20
DSC 14.63	548	20
DSC 14 J	548	20
DSC 14 J	548	20
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DSC 9.01	545	3
DSC 9.01	546	9
DSC 9.01 L01	545	4
DSC 9.01 L02	545	4
DSC 9.02	546	8
DSC 9.03	545	3
DSC 9.07	546	8
DSC 9.08	546	8
DSC 9.09	546	8
DSC 9.10	546	8
DSC 9.11	546	8
DSC 9.12	546	10
DSC 9.13	546	8
DSC 9.15	546	10
DSI 14.01	548	20
DSI 14.41	548	20
DSI 14.47	548	20
DSI 14.50	548	20
DSI 14.60	548	20
DSI 14.61	548	20
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DT 12.02	547	14
DT 12.03	547	15
DT 12.06	547	15
DT 12.08	547	14
DT 12.11	547	15
DT 12.12	547	15
DT 12.17	547	15

SEAT

0.9 NC2	551	2
022A.000	566	51



SEAT

022 A.5000	577	90
08 NCA	551	2
08 NCB	551	2
09 NCA	551	2
09 NCB	551	2
100 GL 3000	551	2
100 GL6.000	551	2
100 GL 7000	551	2
124 A 000	552	5
124 B3.000	577	91
124 B7.000	566	52
131 C4.000	578	91
132 B1.000	578	91
132 BB OA O	566	51
132 BB OA O	566	51
138 A5.000	577	90
138 AR 6000	566	51
146 A 000	551	2
1F	567	53
1W	552	6
1Y	559	30
1Z	560	31
2E	576	82
2G	553	7
8144.61	578	93
A112 A5.000	551	2
AAU	553	8
AAV	553	7
AAZ	560	31
ABD	553	7
ABF	576	82
ABN	567	54
ABS	568	55
ABU	553	9
ACC	568	54
ADY	577	83
ADZ	568	54
AEE	554	10
AEF	560	32
AEH	568	56
AER	551	3
AEX	555	11
AEY	561	33
AFH	555	12
AFK	556	13
AFN	562	34
AFT	569	57
AGG	577	84
AGN	569	58
AGP	561	33
AGR	562	35
AGU	570	59
AGZ	571	60
AHB	559	30
AHF	563	36
AHU	563	37
AHW	556	14
AJH	571	61
AJQ	571	62
AKK	556	15
AKL	572	63
AKU	564	38
AKV	556	16



ALD	552	4
ALH	561	33
ALL	552	4
ALM	557	16
ALZ	572	64
AMF	564	39
AMK	572	65
ANM	557	17
ANU	563	36
ANV	552	4
ANW	556	15
ANX	556	16
APE	556	15
APF	572	66
APG	572	67
APP	572	68
APQ	557	16
AQM	564	40
AQN	571	60
AQQ	556	15
AQX	573	69
ARL	564	41
ARY	573	70
ASK	565	42
ASV	563	36
ASY	564	38
ASZ	565	43
ATD	563	36
ATM	577	84
ATN	557	18
AUA	556	15
AUB	556	15
AUC	552	4
AUD	556	15
AUE	573	71
AUQ	573	70
AUR	573	72
AUS	557	18
AUY	565	44
AVG	565	45
AWC	571	61
AXP	556	13
AXR	565	46
AYL	573	71
AYP	573	69
AYQ	565	47
AZD	557	18
AZL	577	85
AZV	573	73
BAM	572	68
BBU	571	61
BBX	577	86
BBY	556	15
BBZ	556	15
BCA	556	15
BCB	557	18
BDE	573	71
BFQ	572	64
BGU	572	64
BJB	566	48
BJX	572	68
BKC	566	48
BKD	573	73
BKV	572	68
BKY	556	15



SEAT

BLR	577	87
BLS	566	49
BLT	565	43
BLY	577	87
BLZ	573	74
BMM	573	73
BMN	573	73
BMT	566	50
BRT	573	73
BSE	572	64
BSF	572	64
BTB	564	41
BTS	557	19
BVK	563	36
BVY	577	87
BVZ	577	87
BWA	577	88
BXE	566	49
BXF	566	49
BXJ	566	49
BXW	557	19
CAGA	573	73
CAGC	574	75
CAHA	573	73
CAVA	557	20
CAVE	557	21
CAVF	557	22
CAXA	557	23
CAXC	557	19
CAYA	566	49
CAYB	566	49
CAYC	566	49
CBDB	573	73
CCSA	574	76
CEGA	573	73
CEKA	577	89
CFFA	574	77
CFFB	573	73
CFFE	574	78
CFGB	573	73
CFGC	574	78
CFHC	573	73
CFHD	574	77
CFJA	574	78
CFNA	558	24
CGGB	558	25
CGLB	574	77
CJCA	574	77
CJCC	574	77
CLCB	574	75
CLNA	566	49
CMXA	574	76
CNKA	558	26
CNUB	558	27
CTHA	558	28
CTHE	558	27
CTHF	558	27
CTJB	558	27
CTJC	558	27
EZ	574	79
FA12	552	5
FD	558	29
GE	578	94



GH	551	1
HB 90	551	2
HM	567	53
KR	568	54
MN	552	6
OM 615.912	578	92
PL	575	80
RP	575	81

SKODA

ADR	586	25
AEE	579	2
AEF	581	11
AEG	589	40
AEH	586	26
AEY	582	12
AGN	586	27
AGP	583	13
AGR	583	14
AGU	587	28
AHF	584	15
AKL	588	29
ALH	583	13
AMF	584	16
APK	589	40
AQM	584	17
AQV	579	1
AQY	589	40
ARV	579	1
ARX	588	30
ARZ	588	31
ASV	584	15
ASY	584	18
ASZ	585	19
ATD	584	15
ATY	579	1
AUA	580	3
AUB	580	3
AUM	588	30
AUQ	588	32
AVB	585	20
AVF	585	21
AVU	588	33
AWT	588	32
AWX	585	21
AXP	580	4
AXR	585	22
AZH	589	41
AZJ	589	40
AZL	589	41
AZM	589	42
AZV	588	34
BBY	580	3
BBZ	580	3
BCA	580	3
BFQ	588	33
BGU	588	33
BJB	585	22
BKC	585	22
BKD	588	34
BKY	580	3
BLF	580	5
BLR	589	43
BLS	585	23
BLT	585	19



SKODA

BLX	589	43
BLY	589	43
BMM	588	34
BMN	588	34
BMP	588	34
BMS	584	16
BNM	584	16
BNV	584	16
BPZ	585	23
BSE	588	33
BSF	588	33
BSS	588	35
BSV	585	23
BSW	584	18
BTS	580	5
BUD	580	5
BVX	589	43
BVY	589	43
BVZ	589	43
BWA	589	44
BWW	589	36
BXE	585	23
BXW	580	5
CAVE	580	6
CAXA	581	7
CAXC	580	5
CAYA	585	23
CAYB	585	23
CAYC	585	23
CBBB	588	34
CBDB	588	34
CCSA	589	37
CEGA	588	34
CFFB	588	34
CFGB	588	34
CFHA	589	38
CFHC	588	34
CFHF	589	38
CFJA	589	38
CFNA	581	8
CFWA	585	24
CGGA	581	8
CGGB	581	9
CLCA	589	39
CLCB	589	36
CLJA	588	34
CLNA	585	23
CMXA	589	37
CTHE	581	10

SMART

M 160.910	590	3
M 160.920	590	1
M 160.921	590	3
M 160.922	590	3
M 160 E6AL B04	590	1
M 160 E6AL B05	590	1
OM 660.940	590	2
OM 660.950	590	2
OM 660 DE 8LA	590	2

SSANGYONG

M 104.942	593	5
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M 104.945	593	5
M 104.992	593	5
M 104.995	593	5
M 111.970	593	6
M 111.974	593	6
MB-OM 661	591	1
OM 601.940	591	2
OM 602.940	591	3
OM 602.980	592	4
XD3P	593	7

STEYR-DAIMLER-PUCH

M 102.981	598	10
M 102.987	598	10
M 102.989	599	10
M 103.987	596	4
M 104.996	597	7
OM 602.930	595	1
OM 602.942	596	5
OM 603.931	595	2
OM 603.972	597	6
OM 606.964	596	3
OM 616.936	598	8
OM 617.931	598	9

SUZUKI

8HY	600	6
9HX	601	9
C 14 SE	601	12
D19AA	601	13
DV6ATED4	601	10
F10A	600	2
F8A	600	1
F8B	600	3
G10	600	7
G10A	600	7
G10T	600	7
G13A	600	8
G13B	600	8
K9K 700	601	11
RFS	602	20
RHP (DW10TD)	602	17
RHW	602	18
RHZ	602	19
XUD 9	601	14
XUD 9 A	602	15
XUD9SD	602	16
Y64	600	3
Z 10 XEP	600	4
Z 12 XEP	600	5

TALBOT

150 D	604	5
XD2S	606	10
XM7T	605	9
XUD9	605	8
XV5	603	1
XV8	603	2
XW3	603	3
XW7	603	4
XY6B	604	6
XY7	605	7
XY8	604	6



TOYOTA

2L	607	2
2LII	607	2
2LT	607	3
3L	607	4
5L	607	5
L	607	1

UNIC-SIMCA

8040.02	608	1
8460.21.206	608	2
8460.21.611 R	608	2
8460.41K.406	608	2
8460.41K.410	608	2
8460.41L TCA	608	2

URSUS

S312C	609	2
S4001	609	1
S4002	609	1
S4003	609	1
Z8001	609	3
Z8001	609	3
Z8002.1	609	3
Z8401	609	3
Z8401.1	610	4
Z8602.1	610	5

VAUXHALL

1.0 S	612	1
1.2 SC	614	10
1.2 ST Family 1	613	9
1.8 SE	618	29
1.8 SEH	618	29
12 NC	614	10
12 NV	613	9
12 NV	613	9
12 S	614	10
13 N	613	7
13 NB	613	7
13 S	613	7
13 S	613	7
13 SB	613	7
14 NV	613	8
16 D	615	15
16 DA	615	15
16 DA	615	15
16 N	615	16
16 N (CIH)	619	31
16 S	615	16
16 SH	615	15
16 SV	614	11
16 SV	614	11
17 D	617	25
17 DR	617	25
17 DR	617	25
18 E	619	29
18 NV	619	30
18 S	619	29
18 SV	619	29
19 S	621	45
20 E	622	48
20 NE	619	32
20 S	622	48



20 SE	619	33
20 SE	619	33
20 SEH	619	33
20 XE	619	33
20 XE	619	33
22 E	622	48
22 E	622	48
23 D	621	42
23 DTR	621	42
23 TD	621	42
23 TD	621	42
23 YD	621	43
23 YDT	621	42
25 E	620	36
25 S	620	37
25 S	620	37
28 H	621	44
30 E	622	49
30 H	622	49
30 H	622	49
30 NE	622	49
4 JG2 T	623	52
4 JG2TC	623	52
4 JG2TC	623	52
A 18 XER	616	20
C 12 NZ	612	2
C 12 NZ	612	2
C 13 N	613	7
C 14 NZ	613	8
C 14 NZ	613	8
C 14 SE	613	8
C 16 LZ	614	12
C 16 NZ	614	13
C 16 SE	614	13
C 16 SEI	614	12
C 16 SEL	614	12
C 16 XE	614	12
C 18 NE	619	30
C 18 NZ	619	29
C 20 LET	619	33
C 20 NE	619	33
C 20 NEF	619	33
C 20 NEJ	619	33
C 20 XE	619	33
C 24 NE	622	50
C 25 XE	617	22
C 26 NE	620	40
C 30 LE	623	51
C 30 LE	622	49
C 30 NE	623	51
C 30 SE	623	51
C 30 SE	622	49
C 30 SEJ	623	51
E 12 GV	614	10
E 12 GV	614	10
E 16 NZ	614	12
E 16 SE	614	12
F4R 720	618	27
F9Q 760	615	17
F9Q 762	615	18
F 9 Q 770	615	18
F 9 Q 774	615	18
G9T 720	620	38
G9T 722	620	38
G9T 750	620	39



VAUXHALL

G9U 630	621	41
G9U 632	621	41
G9U 720	621	41
G9U 724	621	41
G9U 730	621	41
G9U 750	621	41
G9U 754	621	41
S8U 770	621	46
S9W 702	621	47
X 1.8 XE	617	23
X 10 XE	612	3
X 12 SZ	612	2
X 12 XE	612	4
X 14 SZ	613	8
X 14 XE	613	8
X 16 SZ	614	12
X 16 SZR	614	13
X 16 SZR	614	13
X 16 XE	614	13
X 16 XEL	614	13
X 17 DT (TC4EE1)	615	14
X 17 DTL	618	26
X 17 DTL	618	26
X 18 XE1	616	21
X 2.0 SE	619	33
X 20 DTH	618	28
X 20 DTL	618	28
X 20 XEV	619	33
X 22 DTH	618	28
X 25 TD	616	19
X 25 XE	617	22
X 30 XE	620	34
Y 16 XE	614	12
Y 20 DTH	618	28
Y 20 DTL	618	28
Y 22 DTH	618	28
Y 22 DTR	618	28
Z 10 XEP	612	5
Z 12 XE	612	4
Z 12 XEP	612	6
Z 12 XEP	612	6
Z 14 XE	613	8
Z 16 SE	614	13
Z 16 XE	614	12
Z 16 XE1	614	12
Z 16 XEP	614	12
Z 16 XER	614	12
Z 16 YNG	614	12
Z 18 XE	616	20
Z 19 DTH	617	24
Z 22 SE	620	35

VOLVO

B 10 E	624	1
B 13	624	2
B13,0S	624	2
B 130	624	2
B 14	624	4
B 14.3 E	624	5
B 172	626	11
B 18 E	626	11
B 18 EP	626	11
B 18 F	626	11



B 18 FP	626	11
B 18 FT	626	11
B 18 K	626	11
B 18 KD	626	11
B 18 KP	626	11
B 18 U	626	12
B 20 F	628	16
B 20 F	627	13
B 4204 S3	628	15
D11C410	641	39
D12A 340	647	46
D12A 380	648	47
D12A 420	648	47
D12C 380	648	48
D12C 420	648	48
D12D 380	648	48
D12D 420	648	48
D12D 460	648	48
D12D 500	648	48
D13A 360	648	49
D13A 400	648	49
D13A 440	648	49
D13A 480	648	49
D13A 520	648	49
D13B 360	648	49
D13B 400	648	49
D13B 440	648	49
D13B 500	648	49
D 16	625	7
D16A	649	51
D16B 520	649	51
D16C 550	649	51
D16C 610	649	51
D 19 T	625	8
D 24	624	6
D 24 TD	624	6
D 24 TIC	624	6
D 4164 T	624	3
D 4172 T	625	9
D 4192 T	626	10
D 4192 T2	626	10
D 4204 T	627	14
D 4204 T2	627	14
D 60 A	628	17
D 61 ES	628	17
D 61 F	628	17
D 61 G	628	17
D 61 G	628	17
D 61 GA	628	17
D 61 GB	628	17
D 61 GC	628	17
D 61 GS	628	17
D7	635	27
D7A230	635	26
D7A260	629	18
D 7A 285	629	18
D 7B 230	635	26
D7B 260	629	18
D7B 260	629	18
D7C 215	635	28
D7C 250	635	28
D7C275	635	28
D7C 290	635	28
D7C 310	635	28
D7E 240	635	29



VOLVO

D7E 280	635	29
D7E 290	636	30
D7E 320	635	29
D7F240	636	30
D7F260	636	30
D7F290	636	30
D7F300	636	30
D7F340	636	30
D 9 A	636	31
D9A 260	636	32
D9A 300	636	32
D9A 340	636	32
D9A 380	636	32
D 9 B 260	636	33
D 9 B 300	636	33
D9B 310	636	33
D 9 B 340	636	33
D 9 B 360	636	33
D 9 B 380	636	33
DH12D 340	648	50
DH12D 380	648	50
DH12D 420	648	50
DH12E 340	648	50
DH12E 380	648	50
DH12E 420	648	50
DH12E 460	648	50
MD 70	629	19
TAMD 120 A	641	40
TAMD 70 A	630	20
TAMD 71 D	630	20
TD 100 A	636	34
TD 100 B	636	34
TD 100 BG	637	35
TD 100 G	636	34
TD 100 GA	636	34
TD 101 FC	638	36
TD 101 FD	640	37
TD 101 G	641	38
TD 101 GB	638	36
TD 101 GE	638	36
TD 102 F	636	34
TD 102 FD	637	35
TD 102 FDQ	636	34
TD 102 FF	636	34
TD 102 FH	637	35
TD 102 FL	636	34
TD 102 FM	636	34
TD 102 GB	637	35
TD 102 GB	637	35
TD 103 E	636	34
TD 103 ES	636	34
TD 120 A	642	41
TD 120 G	643	42
TD 120 GA	644	43
TD 121 FD	644	43
TD 121 FK	642	41
TD 121 GA	642	41
TD 121 GD	644	43
TD 122 FA	645	44
TD 122 FH	645	44
TD 122 FK	645	44
TD 122 FL	645	44
TD 122 FR	645	44



TD 122 FS	645	44
TD 123 E	646	45
TD 123 ES	646	45
TD 162 F	649	51
TD 162 FL	649	51
TD 162 FL	649	52
TD 162 FS	649	51
TD 60 A	628	17
TD 60 B	628	17
TD 60 C	628	17
TD 61 ES	628	17
TD 61 F	628	17
TD 61 G	628	17
TD 61 GA	628	17
TD 61 GB	628	17
TD 61 GC	628	17
TD 61 GS	628	17
TD 63 E	628	17
TD 63 ES	628	17
TD 63 ME	628	17
TD 70 B	630	21
TD 70 E	631	22
TD 70 ES	631	22
TD 70 F	629	19
TD 70 FS	629	19
TD 70 G	629	19
TD 70 GA	632	23
TD 70 H	633	24
TD 70 HA	633	24
TD 71 E	630	20
TD 71 F	634	25
TD 71 FA	630	20
TD 71 FC	630	20
TD 71 FQ	630	20
TD 71 FQK	630	20
TD 71 G	634	25
TD 71 GE	630	20
TD 73 E	629	19
TD 73 ES	629	19
THD 100 D	637	35
THD 100 DB	637	35
THD 100 DC	637	35
THD 100 DD	637	35
THD 100 E	637	35
THD 100 EB	637	35
THD 100 EC	637	35
THD 100 ED	637	35
THD 101 KB	640	37
THD 101 KC	640	37
THD 101 KD	638	36
THD 101 KE	638	36
THD 101 KF	638	36
THD 102 KA	637	35
THD 102 KB	637	35
THD 102 KE	637	35
THD 102 KF	637	35
TID 162 AG	649	51
TID 162 AP	649	51
TID 163 ES	649	51
TID 163 F16	649	51
TID 163 FH16	649	51
TMD 70	632	23

VOLVO (PENTA)

D 100 A	654	10
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VOLVO (PENTA)

D 100 B	655	11
D 50 A	650	1
D 50 B	650	1
D 70 A	650	3
D 70 B	650	3
D 9 A	653	8
MD 100 B	654	10
TAD 1240 GE	656	13
TAD 1241 GE	656	13
TAD 1241 VE	656	12
TAD 1242 GE	656	13
TAD 740 GE	653	7
TAD 950 VE	653	9
TAD 951 VE	653	9
TAD 952 VE	654	9
TD 103 KB	654	10
TD 103 KD	654	10
TD 103 KF	654	10
TD 50 A	650	1
TD 50 B	650	1
TD 60 D	650	2
TD 60 DG	650	2
TD 70 A	651	4
TD 70 C	652	5
TD 71 A	653	6
TD 71 ACE	653	6
TD 71 AG	653	6
TD 71 AGP	653	6
TD 71 AP	653	6
TD 71 APB	653	6
TD 71 AW	653	6
TD 71 FS	653	6
TD 71 FSQ	653	6
THD 100 A	654	10
THD 102 KD	654	10
THD 103 KD	654	10

VW

113	677	52
113	677	52
122	677	52
126 A	721	175
127	721	179
1E	664	18
1G	664	19
1P	691	92
1S	664	19
1V	664	20
1W	659	7
1X	677	53
1Y	677	53
1Z	678	54
22R	721	178
2E	717	156
2G	659	8
2H	692	93
311	720	170
311	721	175
3F	660	9
685	665	21
686	665	21
68A	665	21
68C	665	21



9A	717	157
AAA	692	94
AAB	679	55
AAC	692	95
AAF	693	96
AAK	660	10
AAM	694	97
AAU	660	11
AAV	660	9
AAZ	678	54
AB	677	52
ABD	660	9
ABF	717	156
ABL	678	54
ABN	694	98
ABS	695	99
ABU	665	22
ABV	717	155
ACC	694	98
ACL	664	19
ACM	659	7
ACT	664	19
ACU	693	96
ACV	695	100
AD	721	175
ADE	679	56
ADF	692	93
ADG	679	56
ADK	665	21
ADP	695	101
ADR	696	102
ADX	665	22
ADY	718	158
ADZ	697	103
AEA	665	22
AEE	666	23
AEF	679	57
AEG	718	159
AEH	697	104
AEK	697	105
AEN	698	106
AEP	718	159
AER	657	1
AES	692	94
AET	693	96
AEU	693	96
AEV	660	10
AEX	667	24
AEY	680	58
AFH	667	25
AFK	668	26
AFN	680	59
AFT	698	107
AGD	680	60
AGG	718	160
AGK	721	180
AGN	699	108
AGP	680	58
AGR	681	61
AGU	700	109
AGX	700	110
AGZ	700	111
AHB	677	53
AHD	695	100
AHF	681	62



VW		
AHG	677	53
AHH	681	62
AHL	701	112
AHS	668	27
AHU	682	63
AHW	668	28
AHY	695	100
AJA	682	64
AJM	682	65
AJT	695	100
AJV	668	29
AKK	668	30
AKL	701	113
AKP	668	26
AKQ	668	26
AKR	718	160
AKS	701	114
AKU	683	66
AKV	668	31
AKW	683	66
ALD	657	2
ALE	683	67
ALH	680	58
ALL	657	2
ALM	668	31
ALT	718	161
ALZ	701	115
AM	721	175
AMF	683	68
AMV	692	94
AMY	701	116
ANA	701	115
ANC	679	56
ANJ	702	117
ANU	681	62
ANV	657	2
ANW	668	30
ANX	668	31
AP	721	179
APA	695	100
APE	668	30
APH	702	118
APK	718	159
APL	698	106
APQ	668	31
AQM	680	60
AQN	700	111
AQP	692	94
AQQ	668	30
AQY	718	159
ARC	669	32
ARD	679	56
ARG	702	119
ARL	683	69
ARM	702	120
ARX	702	121
AS	721	175
ASU	718	158
ASV	681	62
ASX	680	60
ASY	683	66
ASZ	683	70
AT	721	179



ATA	721	180
ATD	681	62
ATE	657	3
ATJ	681	62
ATL	683	68
ATM	718	160
ATN	668	29
ATU	718	160
AUA	668	30
AUB	668	30
AUC	657	2
AUD	668	30
AUE	692	94
AUF	695	100
AUH	722	180
AUM	702	121
AUQ	702	122
AUS	668	29
AUY	684	71
AUZ	718	160
AVA	719	162
AVB	684	72
AVC	702	118
AVG	684	73
AVH	719	163
AVM	679	56
AVQ	684	74
AVR	695	100
AVT	698	106
AVU	701	115
AVY	669	32
AWC	702	118
AWD	702	123
AWF	718	160
AWG	718	160
AWH	703	124
AWL	703	125
AWM	692	93
AWP	701	114
AWT	701	114
AWU	702	121
AWV	702	121
AWX	684	75
AXB	683	69
AXC	683	69
AXD	703	126
AXE	703	126
AXG	695	100
AXP	668	26
AXR	684	76
AXU	669	33
AXW	719	164
AXX	719	165
AYC	695	100
AYD	701	115
AYL	692	94
AYQ	685	77
AYT	720	171
AYY	695	100
AZG	719	166
AZJ	719	166
AZM	719	162
AZV	703	127
AZX	700	111
AZZ	720	171



VW		
BAA	720	171
BAC	703	126
BAD	669	32
BAE	702	123
BAF	703	128
BAG	669	34
BAY	683	68
BBE	695	100
BBF	695	100
BBU	692	93
BBW	719	167
BBX	719	162
BBY	668	30
BBZ	668	26
BCA	668	30
BCB	668	29
BCQ	722	180
BDE	692	94
BDJ	704	129
BDK	704	130
BEF	719	162
BEH	719	162
BEJ	719	166
BEQ	679	56
BER	719	166
BEU	679	56
BEV	719	166
BEW	685	78
BFF	719	168
BFH	720	172
BFQ	701	115
BFS	701	115
BGL	679	56
BGM	679	56
BGU	701	115
BGW	684	75
BHP	719	166
BHW	704	131
BHY	719	162
BJB	684	74
BJC	679	56
BJH	704	132
BJJ	704	133
BJK	704	133
BJL	704	133
BJM	704	134
BJX	692	93
BKC	684	74
BKD	703	127
BKF	702	118
BKG	669	35
BKJ	720	171
BKK	720	171
BKL	720	171
BKP	705	135
BKR	665	21
BKY	668	30
BLF	669	32
BLG	670	36
BLJ	703	126
BLK	703	126
BLM	670	37
BLN	670	36



BLP	669	32
BLR	720	169
BLS	685	79
BLT	683	70
BLV	721	176
BLX	720	169
BLY	720	169
BMA	703	127
BML	720	171
BMM	703	127
BMN	703	127
BMP	703	127
BMR	703	127
BMT	685	78
BMV	720	173
BMX	720	171
BMY	670	36
BNU	705	136
BNZ	703	126
BPC	703	126
BPD	703	126
BPE	703	126
BPY	719	165
BRJ	720	173
BRK	720	171
BRR	685	80
BRS	685	80
BRT	703	127
BRU	685	79
BSE	701	115
BSF	701	115
BST	704	130
BSU	685	79
BSV	670	38
BSW	683	66
BSX	719	162
BTB	683	69
BTS	669	32
BUB	721	174
BUD	669	32
BUZ	703	127
BVE	703	127
BVH	703	127
BVK	681	62
BVX	720	169
BVY	720	169
BVZ	720	169
BWA	719	165
BWB	683	68
BWK	669	32
BWV	703	127
BXE	685	79
BXF	685	79
BXJ	685	79
BXT	679	56
CA	721	177
CAAA	705	137
CAAB	703	127
CAAC	703	127
CAAE	705	137
CAVA	670	39
CAVB	670	39
CAVC	670	40
CAVD	670	39
CAVE	669	32



VW		
CAXA	670	41
CAYA	685	79
CAYB	685	79
CAYC	685	79
CAYD	686	81
CAYE	686	81
CBAA	703	127
CBAB	703	127
CBAC	705	138
CBBA	705	139
CBBB	703	127
CBDA	703	127
CBDB	703	127
CBDC	703	127
CBHA	703	127
CBJB	703	127
CBKA	703	127
CBPA	719	163
CBR	720	172
CBSA	719	162
CCHA	703	127
CCHB	703	127
CDBA	705	137
CDCA	705	137
CDGA	670	36
CEBA	704	133
CEBB	704	133
CECA	704	133
CECB	704	133
CEGA	703	127
CFCA	703	127
CFFA	705	137
CFFB	703	127
CFFD	705	137
CFFE	705	137
CFGB	703	127
CFGC	705	137
CFHB	705	137
CFHC	703	127
CFHE	705	137
CFHF	705	137
CFJA	705	137
CFLA	720	172
CFNA	669	34
CFWA	686	82
CGGA	669	34
CGGB	670	37
CJAA	704	130
CK	670	42
CKJA	719	162
CKMA	668	29
CKTB	704	130
CKTC	704	130
CKUB	704	130
CKUC	704	130
CLCA	705	135
CLCB	704	130
CLJA	703	127
CLNA	685	79
CLSA	669	35
CMSB	669	35
CNKA	671	43
CNWA	670	36



CP	664	18
CR	671	44
CS	671	44
CTHA	670	36
CTHD	670	39
CTKA	670	36
CV	722	181
CY	672	45
D	677	52
DL	664	19
DS	705	140
DT	706	141
DV	664	19
DW	664	19
DX	707	142
DZ	705	140
EE	686	83
EF	686	83
EG	686	83
EH	686	84
EM	687	85
EN	687	85
EP	661	12
EU	661	13
EV	697	103
EW	708	143
EX	694	98
EZ	709	144
EZA	710	145
FA	657	4
FD	673	46
FH	673	47
FJ	658	5
FN	686	83
FP	686	83
FR	687	86
FS	687	85
FT	687	86
FV	688	87
FY	662	14
FZ	662	14
GE	722	181
GF	663	15
GG	657	4
GK	659	7
GL	661	11
GN	660	11
GS	663	16
GT	663	15
GU	711	146
GX	694	98
GZ	697	103
H	720	170
HA	658	6
HB	657	4
HC	657	4
HD	657	4
HH	663	17
HJ	661	11
HK	662	14
HM	694	98
HN	708	143
HP	712	147
HS	674	48
HT	712	148



VW		
HV	694	98
HW	663	15
HY	712	149
HZ	660	10
IE	674	48
JB	686	84
JH	707	142
JK	674	49
JN	713	150
JP	675	50
JR	676	51
JS	714	151
JT	714	151
JU	710	145
JV	705	140
JX	674	49
KR	694	98
KT	707	142
KV	693	96
KX	693	96
KY	688	88
ME	676	51
MF	676	51
MH	662	14
MN	659	7
NU	662	14
NZ	660	9
PB	711	146
PF	711	146
PG	714	152
PL	697	103
PN	709	144
PY	659	7
RA	676	51
RE	708	143
RF	715	153
RG	692	93
RH	711	146
RL	708	143
RP	711	146
RV	716	154
SB	676	51
W	721	177
WE	689	89
WL	690	90
WN	691	91
WV	688	87
YJ	673	47
YN	688	87
YP	688	87
ZA	661	12
ZB	673	47
ZC	673	47
ZF	661	12

WESTFIELD

RQB	723	1
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ZASTAVA

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128 AR 000	725	6
132 B1.000	724	5
149 A.000	725	5



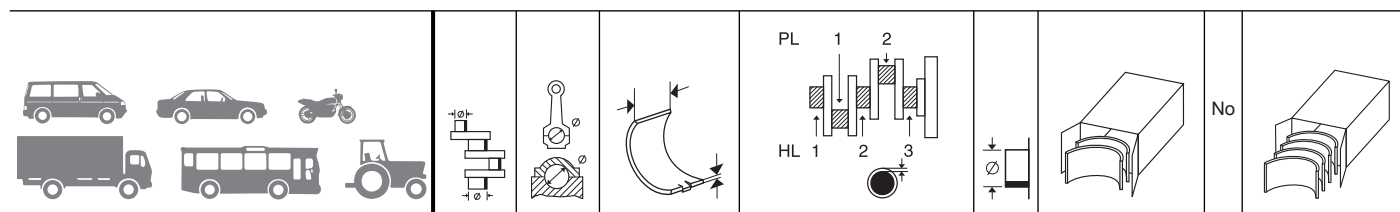
160 A1.000	724	4
9A	724	1
TU1JP	724	2

ZAZ

A15SM	726	1
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ZETOR

10501	727	1
Z 1001	727	1
Z 1003	727	1
Z 1201	727	1
Z 1203	727	1
Z 1301	727	1
Z 1303	727	1
Z 1405	727	1
Z 1504	727	1
Z 7501	727	1
Z 8604.020	727	2
Z 8703	727	3
Z 9501	727	1



ALFA-ROMEO

Ø 74 1

AR 00500, AR 00501, AR 00502, AR 00504, AR 00506, AR 00508, AR 00510, AR 00514 R 4 Benzin, 1290 cm³, 37 - 74 kW (50 - 101 PS), 8 Ventile GIULIA 1300 01/1964...08/1969 GIULIETTA 1.3 01/1954...12/1962 GIULIETTA 1.3 TI 01/1957...12/1962	65,790 66,040	82,420 82,680		2,31 2,36			M817	0,000	AL 20555	4	063 AS 20556 000
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Ø 78 2

AR 00112, AR 00121, AR 00516 R 4 1570 cm³, 67 - 83 kW (91 - 113 PS), 9:1, 8 Ventile GIULIA 1.6 03/1962...12/1966 GIULIA 1.6 T.I. SUPER 03/1962...12/1978 GIULIA 1600 01/1962...12/1964 GIULIA 1600 GT 01/1963...12/1965	65,790 66,040	82,420 82,680		2,31 2,36			M817	0,000	AL 20555	4	063 AS 20556 000
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Ø 78 3

AR 01563, AR 01600, AR 06100, AR 61101 R 4 Benzin, 1570 cm³, 79 - 81 kW (107 - 110 PS), 9:1, 2 Ventile 75 1.6 05/1985...09/1989 75 1.6 KAT 05/1989...02/1992 ALFETTA 1.6 01/1975...12/1984 GIULIETTA 1.6 10/1977...04/1985 SPIDER I 1.6 01/1966...12/1968 SPIDER II 1.6 01/1990...12/1993	65,790 66,040	82,420 82,680		2,31 2,36			M817	0,000	AL 20555	4	063 AS 20556 000
	59,960	63,657	25,270	1,827		0,010	M901	0,000	HL 20443	3	063 HS 20445 200
	59,973	63,676	25,520	1,837		0,062		0,508			220
	59,960	63,657	18,110	1,827		0,010	M901	0,000	HL 20444	2	
	59,973	63,676	18,360	1,837		0,062		0,508			
	49,988	53,695	23,190	1,828		0,021	M901	0,000	PL 20446	4	063 PS 20447 200
	49,998	53,708	23,440	1,838		0,064		0,254			210

Ø 80 4

195.00, 195.01, AR 16202, AR 34102, AR 64102 V 6 Benzin, 1996 cm³, 148 - 151 kW (201 - 205 PS) 164 2.0 T 09/1992...09/1998 166 2.0 I 09/1998...10/2000 GTV II 2.0 T 06/1995...12/2001 SPIDER III 2.0 T 05/1998...04/2005	59,961 59,979	63,657 63,675	22,100 22,350	1,835 1,845			M114	0,000	HL 20609	4	063 HS 20610 200
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Ø 80 5

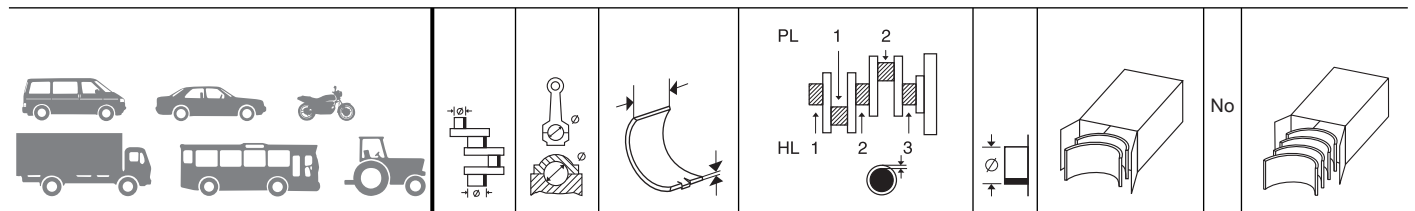
AR 01678, AR 06134, AR 06168, AR 06202, AR 61201, AR 61203 B 4 Benzin, 1779 cm³, 66 - 121 kW (90 - 165 PS), 8 Ventile 75 1.8 09/1985...02/1992 75 1.8 T 09/1986...02/1992 90 1.8 10/1984...07/1987 ALFETTA 1.8 10/1979...12/1984 GIULIETTA 1.8 04/1979...07/1985	65,790 66,040	82,420 82,680		2,31 2,36			M817	0,000	AL 20555	4	063 AS 20556 000
	59,960	63,657	25,270	1,827		0,010	M901	0,000	HL 20443	3	063 HS 20445 200
	59,973	63,676	25,520	1,837		0,062		0,508			220
	59,960	63,657	18,110	1,827		0,010	M901	0,000	HL 20444	2	
	59,973	63,676	18,360	1,837		0,062		0,508			
	49,988	53,695	23,190	1,828		0,021	M901	0,000	PL 20446	4	063 PS 20447 200
	49,998	53,708	23,440	1,838		0,064		0,254			210

Ø 80 6

AR 61202 R 4 Benzin, 1779 cm³, 87 - 88 kW (118 - 120 PS)	65,790 66,040	82,420 82,680		2,31 2,36			M817	0,000	AL 20555	4	063 AS 20556 000
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Ø 82 7

182 B9.000, 192 A5.000, 192 B1.000, 937 A4.000, 937 A5.000, 937 A7.000, 939 A1.000, 939 A2.000, 939 A7.000, 939 A8.000, Euro 3 R 4 Diesel, 1910 cm³, 74 - 110 kW (101 - 150 PS), Turbo, LLK, 8 Ventile 147 1.9 JTD 11/2002...12/2010 147 1.9 JTDM 10/2004...12/2010 156 1.9 JTD 16V 11/2002...05/2006 156 1.9 JTD 16V Q4 07/2004...05/2006 159 1.9 JTDM 09/2005...11/2011 GT II 1.9 JTD 11/2003...09/2010	50,787 50,805	53,897 53,909	19,250 19,500	1,654 2,714		0,018 0,068	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
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Ø 82 **8**

AR 32103, AR 32104, AR 37203 R 4 Benzin, 1598 cm ³ , 77 - 88 kW (105 - 120 PS), 10,3:1 - 10,5:1, 16 Ventile 147 1.6 l 156 1.6 T.SPARK	59,000	73,600		2,342			M157	0,000	AL 20487	2	007 AS 20488 200
	59,250	73,850		2,358							
01/2001...12/2004	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
09/1997...05/2006	59,250	73,850		2,485							
AR 33503, Euro 2 R 4 Benzin, 1370 cm ³ , 76 kW (103 PS), 10,5:1, 16 Ventile 145 1.4 l 146 1.4 l	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
	53,000	56,718	20,750	1,844		0,064		0,254			210
12/1996...01/2001	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	220
11/1996...01/2001	53,000	56,718	20,750	1,844		0,064		0,254			
	40,872	44,000	18,850	1,536		0,018	M901	0,000	PL 20607	4	063 PS 20608 200
	40,890	44,012	19,100	1,546		0,068					

Ø 82 **9**

AR 32201, AR 32205, AR 67106, AR 67199 R 4 Benzin, 1747 cm ³ , 103 - 106 kW (140 - 144 PS), 10,3:1, 16 Ventile 145 1.7 l 145 1.8 l 146 1.8 l 155 1.8 l 156 1.8 16V T.SPARK 156 1.8 16V T.SPARK (932A3) GT II 1.8 TS GTV II 1.8 l SPIDER III 1.8 l	59,000	73,600		2,342			M157	0,000	AL 20487	2	007 AS 20488 200
	59,250	73,850		2,358							
03/1998...01/2001	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
12/1996...12/1998	59,250	73,850		2,485							
11/1996...01/2001	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
05/1996...12/1997	50,805	53,909	19,500	2,714		0,068					
10/2000...05/2006	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
09/1997...10/2000	53,000	56,718	20,750	1,844		0,064		0,254			210
								0,508			220
11/2003...07/2007	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
05/1998...12/2000	53,000	56,718	20,750	1,844		0,064		0,254			
05/1998...04/2005								0,508			

Ø 82 **10**

AR 38201, AR 67601 R 4 Benzin, 1598 cm ³ , 88 kW (120 PS), 16 Ventile 145 1.6 l 146 1.6 l 155 1.6 l 156 1.6 T.SPARK	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							
12/1996...01/2001	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
11/1996...01/2001	53,000	56,718	20,750	1,844		0,064		0,254			210
05/1996...01/1998								0,508			220
09/1997...05/2006	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254			
								0,508			

Ø 82 **11**

AR 38401 R 4 Benzin, 1747 cm ³ , 103 kW (140 PS), 10,3:1 145 1.8 l 146 1.8 l	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							
12/1996...12/1998	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
11/1996...01/2001	50,805	53,909	19,500	2,714		0,068					
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
	53,000	56,718	20,750	1,844		0,064		0,254			210
								0,508			220
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254			
								0,508			

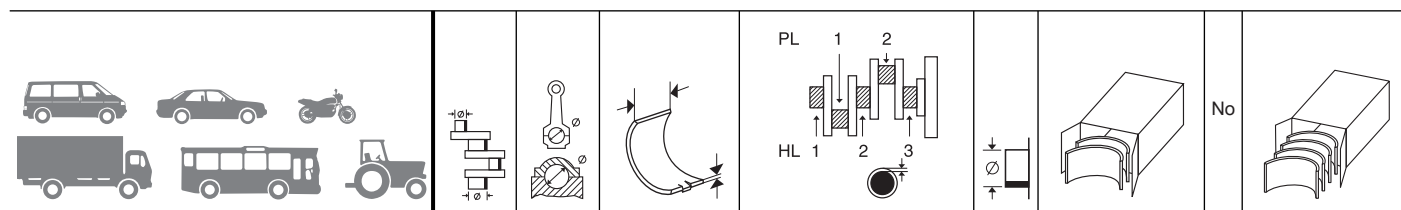
Ø 82 **12**

AR 38501 R 4 Benzin, 1370 cm ³ , 76 kW (103 PS), 16 Ventile 145 1.4 l 146 1.4 l	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							
12/1996...01/2001	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
11/1996...01/2001	53,000	56,718	20,750	1,844		0,064		0,254			210
								0,508			220
M654 R 4 Diesel, 1598 cm ³	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254			
								0,508			
	40,872	44,000	18,850	1,536		0,018	M901	0,000	PL 20607	4	063 PS 20608 200
	40,890	44,012	19,100	1,546		0,068					

Ø 82 **13.1**

M 646 AA 17.T R 4 Benzin, 1747 cm ³ , 103 kW (140 PS), 10,3:1, 4 Ventile	59,000	73,600		2,342			M157	0,000	AL 20487	2	007 AS 20488 200
	59,250	73,850		2,358							...12/1998
	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							01/1999...
	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					

Fortsetzung nächste Seite / Continued on next page



Ø 82 - Fortsetzung / Continued

13.2

M 646 AA 17.T R 4 Benzin, 1747 cm³, 103 kW (140 PS), 10,3:1, 4 Ventile	52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20434	4	063 HS 20436 200 210 220
	53,000	56,718	20,750	1,844			0,064		0,254 0,508			
	52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844			0,064		0,254 0,508			

Ø 82,6

14

160 D100 R 4 Diesel, 1929 cm³, 51 kW (69 PS), 20:1, 8 Ventile AR 6 1.9 D 04/1985...12/1989	59,000	73,600		2,31				M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36								
	52,985	56,717	24,200	1,833			0,030	M157	0,000	HL 18538	1	
53,005	56,730	24,250	1,841			0,079		0,254 0,508				
	52,985	56,717	20,500	1,833			0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841			0,079		0,254 0,508			

Ø 82,6

15

AR 33601, AR 67501 R 4 Diesel, 1929 cm³, 66 - 68 kW (90 - 92 PS), 19,2:1, Turbo, LLK, 2 Ventile 145 1.9 TD 10/1994...02/1999 146 1.9 TD 12/1994...02/1999 155 1.9 TD 04/1993...12/1997	59,000	73,600		2,31				M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36								
	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200 210	
	53,004	56,735	20,750	1,845		0,074		0,254				
	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1		
53,004	56,735	24,250	1,845		0,074		0,254					
	50,787	53,897	19,250	1,526			0,018	M114	0,000	PL 20580	4	007 PS 20581 200 210
	50,807	53,913	19,500	1,536			0,074		0,254			

Ø 83

16

937 A1.000 R 4 Benzin, 1970 cm³, 119 - 122 kW (162 - 166 PS), 11,3:1, 16 Ventile 156 2.0 JTS 03/2002...09/2005 GT II 2.0 JTS 11/2003...09/2010 GTV II 2.0 JTS 04/2003...10/2005 SPIDER III 2.0 JTS 04/2003...04/2005	59,000	73,600		2,435				M157	0,000	AL 20489	2	007 AS 20490 200	
	59,250	73,850		2,485									
	50,787	53,897	19,250	1,654			0,018	M114	0,254	007 PL 20485 210	4		007 PS 20486 210
	50,805	53,909	19,500	2,714			0,068						
		52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20434		4
	53,000	56,718	20,750	1,844			0,064		0,254 0,508				
	52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20435	1		
	53,000	56,718	20,750	1,844			0,064		0,254 0,508				

Ø 83

17

AR 16201, AR 32301, AR 32303, AR 32310, AR 67204 R 4 Benzin, 1970 cm³, 110 - 114 kW (150 - 155 PS), 10:1, 16 Ventile 145 2.0 I 10/1995...01/2001 147 2.0 I 01/2001...12/2004 155 2.0 I 03/1995...12/1997 156 2.0 T.SPARK 09/1997...03/2002 GTV II 2.0 I 06/1995...08/2000	59,000	73,600		2,435				M157	0,000	AL 20489	2	007 AS 20490 200	
	59,250	73,850		2,485									
	50,787	53,897	19,250	1,654			0,018	M114	0,254	007 PL 20485 210	4		007 PS 20486 210
	50,805	53,909	19,500	2,714			0,068						
	52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20434	4		063 HS 20436 200 210 220
	53,000	56,718	20,750	1,844			0,064		0,254 0,508				
	52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20435	1		
53,000	56,718	20,750	1,844			0,064		0,254 0,508					

Ø 83

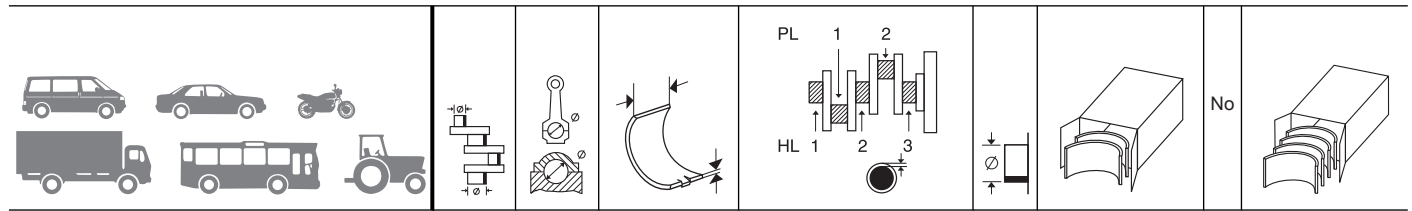
18

AR 34103, AR 36301 R 4 Benzin, 1970 cm³, 110 kW (150 PS), 10:1, 16 Ventile 166 2.0 I 09/1998...09/2003	59,000	73,600		2,435				M157	0,000	AL 20489	2	007 AS 20490 200	
	59,250	73,850		2,485									
	50,787	53,897	19,250	1,654			0,018	M114	0,254	007 PL 20485 210	4		007 PS 20486 210
	50,805	53,909	19,500	2,714			0,068						
	52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20434	4		063 HS 20436 200 210 220
	53,000	56,718	20,750	1,844			0,064		0,254 0,508				
	52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20435	1		
53,000	56,718	20,750	1,844			0,064		0,254 0,508					
	19,700	22,939	21,300	1,73				M100	Semi	007 BB 20691 300	4		
		22,972	21,700	1,83									

Ø 83

19

AR 67299, M 647, M 665 R 4 Benzin, 1970 cm³, 110 - 114 kW (150 - 155 PS), 10:1, 16 Ventile	59,000	73,600		2,435				M157	0,000	AL 20489	2	007 AS 20490 200	
	59,250	73,850		2,485									
	52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20434	4		063 HS 20436 200 210 220
	53,000	56,718	20,750	1,844			0,064		0,254 0,508				
	52,982	56,705	20,500	1,836			0,017	M916	0,000	HL 20435	1		
	53,000	56,718	20,750	1,844			0,064		0,254 0,508				



Ø 83,4 20

AR 67105 R 4 Benzin, 1748 cm³, 83 - 85 kW (113 - 115 PS), 10:1, 2 Ventile 155 1.7 T.S. 04/1993...04/1996	65,790	82,420		2,31			M817	0,000	AL 20555	4	063 AS 20556 000
	66,040	82,680		2,36							
	59,960	63,657	25,270	1,827		0,010	M901	0,000	HL 20443	3	063 HS 20445 200
	59,973	63,676	25,520	1,837		0,062		0,508			220
	59,960	63,657	18,110	1,827		0,010	M901	0,000	HL 20444	2	
	59,973	63,676	18,360	1,837		0,062		0,508			
	49,988	53,695	23,190	1,828		0,021	M901	0,000	PL 20446	4	063 PS 20447 200
	49,998	53,708	23,440	1,838		0,064		0,254			210

Ø 84 21

AR 01588, AR 01590, AR 01655, AR 01713, AR 06212, AR 06224, AR 11633 R 4 Benzin, 1962 cm³, 82 - 109 kW (112 - 148 PS), 9:1 - 10:1, 8 Ventile 75 2.0 05/1985...10/1988 75 2.0 T.S. 01/1987...02/1992 75 2.0 T.S. KAT 05/1985...02/1992 90 2.0 I.E. 10/1984...07/1987 ALFETTA 2.0 07/1978...01/1984 ALFETTA 2.0 GT 06/1977...12/1984 GIULIETTA 2.0 06/1980...04/1985 GTV I 2.0 07/1978...01/1986 SPIDER II 2.0 01/1977...12/1993	65,790	82,420		2,31			M817	0,000	AL 20555	4	063 AS 20556 000	
	66,040	82,680		2,36								
	59,960	63,657	25,270	1,827		0,010	M901	0,000	HL 20443	3	063 HS 20445 200	
	59,973	63,676	25,520	1,837		0,062		0,508			220	
		59,960	63,657	18,110	1,827		0,010	M901	0,000	HL 20444	2	
		59,973	63,676	18,360	1,837		0,062		0,508			
		49,988	53,695	23,190	1,828		0,021	M901	0,000	PL 20446	4	063 PS 20447 200
		49,998	53,708	23,440	1,838		0,064		0,254			210
	AR 06416, AR 06420, AR 67103, AR 67202, AR 67203 R 4 Benzin, 1995 cm³, 83 - 140 kW (113 - 190 PS), 8 Ventile 155 1.7 T.S. 04/1993...04/1996 155 2.0 I 02/1992...02/1995 155 2.0 TURBO Q4 01/1992...12/1997 164 2.0 06/1987...09/1998 164 2.0 T.S. 06/1987...09/1992	65,790	82,420		2,31			M817	0,000	AL 20555	4	063 AS 20556 000
		66,040	82,680		2,36							
59,960		63,657	25,270	1,827		0,010	M901	0,000	HL 20443	3	063 HS 20445 200	
59,973		63,676	25,520	1,837		0,062		0,508			220	
		59,960	63,657	18,110	1,827		0,010	M901	0,000	HL 20444	2	
		59,973	63,676	18,360	1,837		0,062		0,508			
AR 67102 R 4 Benzin, 1773 cm³, 93 kW (127 PS), 10:1, 8 Ventile 155 1.8 I 02/1992...04/1996	65,790	82,420		2,31			M817	0,000	AL 20555	4	063 AS 20556 000	
	66,040	82,680		2,36								
	59,960	63,657	25,270	1,827		0,010	M901	0,000	HL 20443	3	063 HS 20445 200	
	59,973	63,676	25,520	1,837		0,062		0,508			220	

Ø 84 22

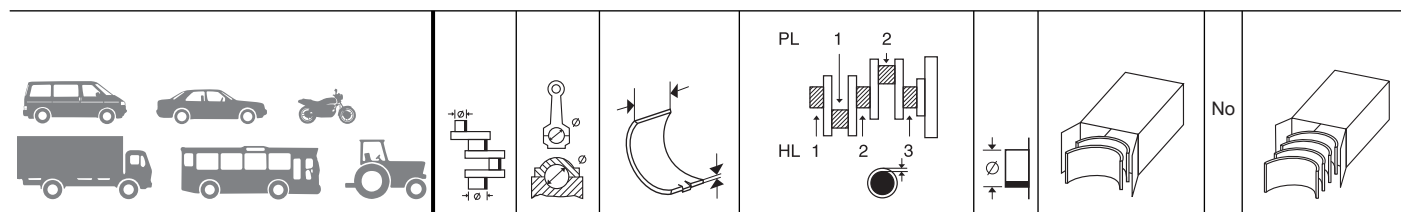
AR 06476, AR 64103 R 4 Benzin, 1995 cm³, 106 - 129 kW (144 - 175 PS), 8:1 - 10:1, Turbo, 8 Ventile 164 2.0 11/1987...10/1992 164 2.0 I 09/1992...09/1998 164 2.0 T 10/1987...09/1998	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200
	53,004	56,735	20,750	1,845		0,074		0,254			210
	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
	53,004	56,735	24,250	1,845		0,074		0,254			

Ø 84 23

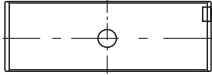
AR 33201 B 4 Benzin, 1596 cm³, 76 kW (103 PS), 9,5:1 145 1.6 I 10/1994...12/1996 146 1.6 I 12/1994...12/1996	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
	53,000	56,718	20,750	1,844		0,064		0,254			210
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254			220

Ø 84,45 24

4.20 R 4 Benzin, 1993 cm³, 60 kW (81 PS), 16,5:1, Turbo, 2 Ventile 164 2.0 T.S. 06/1987...12/1990	65,790	82,420		2,31			M817	0,000	AL 20555	4	063 AS 20556 000
	66,040	82,680		2,36							
	59,960	63,657	25,270	1,827		0,010	M901	0,000	HL 20443	3	063 HS 20445 200
	59,973	63,676	25,520	1,837		0,062		0,508			220
	59,960	63,657	18,110	1,827		0,010	M901	0,000	HL 20444	2	
	59,973	63,676	18,360	1,837		0,062		0,508			
	49,988	53,695	23,190	1,828		0,021	M901	0,000	PL 20446	4	063 PS 20447 200
	49,998	53,708	23,440	1,838		0,064		0,254			210

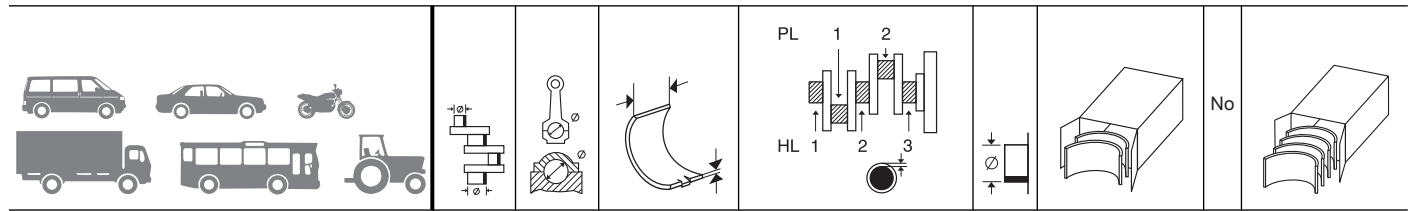


25											
Ø 88											
AR 01646, AR 01913, AR 01928, AR 11900, AR 63301, AR 67302, AR 67303 V 6 Benzin, 2492 cm³, 115 - 120 kW (156 - 163 PS), 12 Ventile 155 2.5 V6 10/1992...12/1997 6 2.5 I 04/1979...12/1986 75 2.5 05/1985...08/1986 90 2.5 I.E. V6 10/1984...07/1987 GTV I 2.5 11/1980...02/1987	59,961 59,979	63,657 63,675	22,100 22,350	1,835 1,845			M114	0,000	HL 20609	4	063 HS 20610 200

26											
8140.21.200 D.I. R 4 Diesel, 2445 cm³, 68 kW (92 PS), 18:1, Turbo, 8 Ventile AR 8 2.4 TD 04/1985...12/1989	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1995</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220 <small>01/1978...12/1982</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1982...12/1992</small>
	PL 20223 										

27.1											
8140.61.200 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 21:1, 8 Ventile AR 8 2.4 D 04/1978...08/1986	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	

Fortsetzung nächste Seite / Continued on next page



Ø 93 - Fortsetzung / Continued

27.2

8140.61.200 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 21:1, 8 Ventile AR 8 2.4 D 04/1978...08/1986	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 ...12/1992
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 01/1993...
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220 ...12/1981
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 01/1982...
PL 20223											

Ø 93

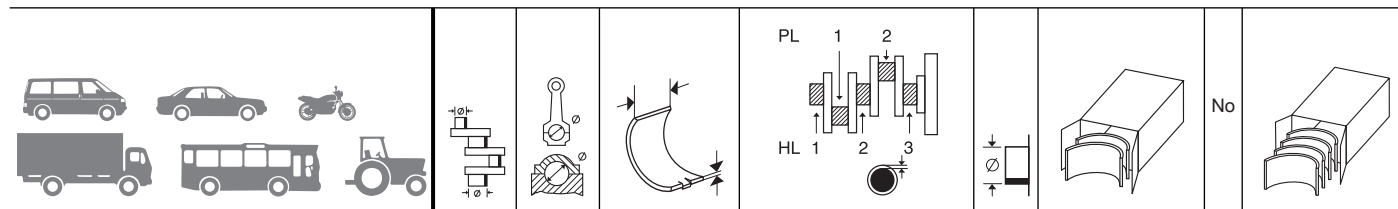
28

8144.21.220 R 4 Diesel, 2445 cm³, 68 kW (92 PS), 18:1, Turbo, 8 Ventile AR 6 2.4 TD 09/1986...12/1989	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 403) 344183
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	
	8144.67.220 R 4 Diesel, 2499 cm³, 55 kW (75 PS), 22:1, 8 Ventile AR 6 2.5 D 03/1986...12/1989 AR 8 2.5 D 09/1986...12/1989	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4
56,520 56,535		60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210

Ø 93

29

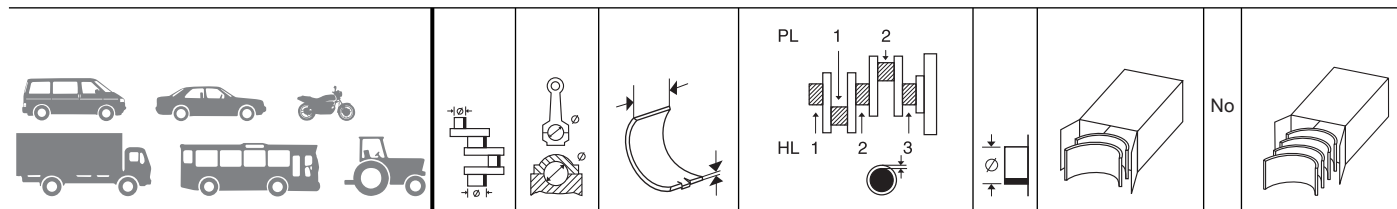
8144.61.200 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 22:1, 8 Ventile AR 6 2.4 D 04/1985...02/1986	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300	
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1		007 HS 20359 200 210 220 230
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4		
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220	
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4		
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220	
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4		
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220	
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210	
	PL 20223											



Ø 93

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AR 06120, AR 06124, AR 06410, AR 06412, AR 16101, AR 16102, AR 16105, AR 16199, AR 34301, AR 34302, AR 36101, AR 61501, AR 61503, AR 64301, AR 64305, AR 66301, AR 66302 V 6 Benzin, 2959 cm ³ , 132 - 166 kW (180 - 226 PS), 12 Ventile 164 3.0 11/1987...10/1992 164 3.0 I 06/1987...09/1998 166 3.0 I 09/1998...09/2003 75 3.0 02/1990...02/1992 75 3.0 KAT 01/1987...02/1992 GTV II 3.0 I 10/1996...12/2002 RZ 3.0 V6 ZAGATO 01/1992...12/1994 SPIDER III 3.0 I 06/1995...04/2005 SZ 3.0 V6 ZAGATO 09/1988...08/1994	59,961 59,979	63,657 63,675	22,100 22,350	1,835 1,845			M114	0,000	HL 20609	4	063 HS 20610 200
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ARO

Ø 74 1

C3G 702 R 4 Benzin, 1239 cm³, 40 kW (55 PS), 9,2:1, 8 Ventile	62,500 62,750	79,750 80,000		2,85			M817	0,000 0,100	AL 19988	2	021 AS 20003 000 010
	54,784 54,805	58,731 58,750	19,500	1,95			0,026 M157	0,000 0,250	HL 20016	5	021 HS 20004 000 025
	43,964 43,980	47,614 47,625	20,750	1,81			0,020 M157	0,000 0,250	PL 20013	4	021 PS 19993 000 025
PL 20013											

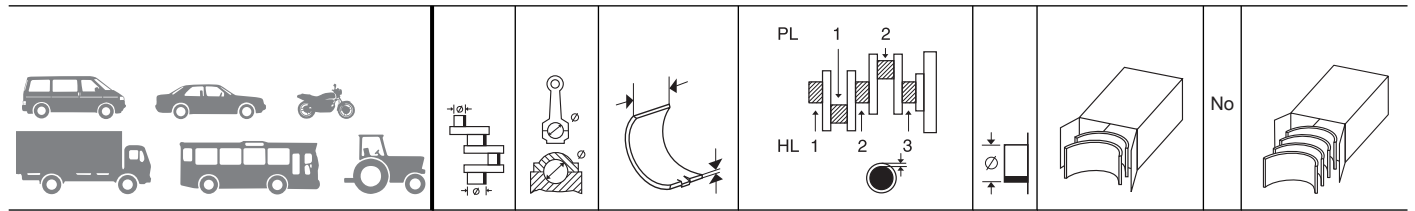
Ø 78 2

F8M 700 R 4 Diesel, 1596 cm³, 40 kW (55 PS), 22,5:1, 8 Ventile 10 1.6 D 09/1986...10/1999	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.		0,046 M157	0,000 0,250 0,500	HL 19986	5	021 HS 20010 000 025 050
	48,000 48,020	51,587 51,600	20,250 20,500	1,755 1,768			0,030 M780	0,000	PL 19975	4	021 PS 19994 000
HL 19986											
PL 19975											

Ø 81 3.1

HN R 4 Benzin, 1595 cm³, 53 - 55 kW (72 - 75 PS), 9:1, 8 Ventile 10 1.6 06/1988...10/1999	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	19,997 20,000	23,000 23,052	25,000	1,70 1,80			0,012 M100	Semi 0,021	BB 18130	4	029 BS 18131 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.		0,016 M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.		0,016 M183	0,000 0,250 0,750	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393			0,010 M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

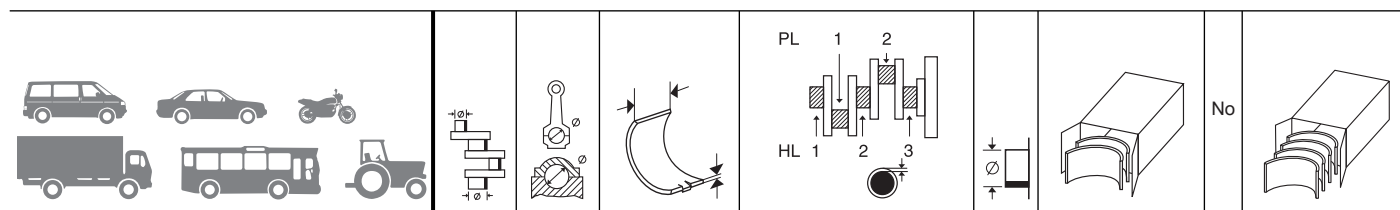
3.2

HN R 4 Benzin, 1595 cm³, 53 - 55 kW (72 - 75 PS), 9:1, 8 Ventile 10 1.6 06/1988...10/1999	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
BB 18130 HL 18066 HL 18109 PL 18145											

Ø 94

4

XD 3 P R 4 Diesel, 2498 cm³, 52 - 55 kW (71 - 75 PS), 23:1, 8 Ventile 240-244 2.5 D 01/1983...08/1985	67,000	84,750		2,30			M250	0,000	AL 18015	4	039 AS 18014 000
	67,250	85,000		2,35							
	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	039 HS 10075 000 050
	60,021	63,750	30,000	1,835		0,098		0,500			
59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2		
60,021	63,750	24,000	1,835		0,098		0,500				
54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000 030 050 080 100	
55,021	58,750	29,000	1,845		0,092		0,300				
							0,500				
							0,800				



ASTRA

Ø 120 1

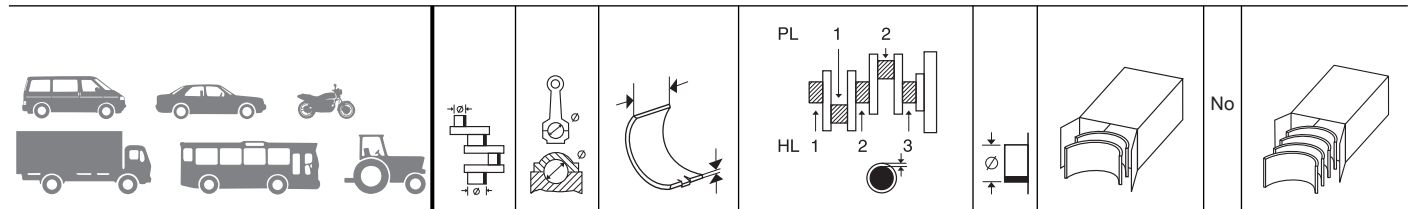
8460.41K. , Euro 2 R 6 Diesel, 9500 cm³, 254 kW (345 PS), 16,8:1, 12 Ventile 64.34 01/1996...	99,800	123,650		3,91			M7	0,000	AL 20322	4	007 AS 20323 000
	100,200	124,000									
	89,958	96,000	32,500	3,108	1.2.3.5.6.7	0,038	M901	0,254	HL 20298	6	007 HS 20299 210
	89,980	96,022	32,750	4,168		0,102					
	89,022	96,000	44,250	3,108	4.	0,038	M901	0,254	HL 20328	1	
	89,958	96,022	44,500	4,168		0,102					

Ø 137 2

8210.42M R 6 Diesel, 13798 cm³, 346 kW (470 PS), 12 Ventile 84.47 01/1996...	49,990	54,852	49,900	2,75			M100	Semi	BB 20638	6	007 BS 20639 300	
	50,000	54,899	50,400	2,85								
	102,878	107,975	34,440	2,487	2.3.5.6.	0,083	M900	0,000	HL 20363	4	007 HS 20367 200	
	102,900	108,000	34,820	2,496		0,148		0,254			210	
								0,508				220
								0,762				230
								1,016				240
	102,878	107,975	53,590	2,487	4.	0,083	M900	0,000	HL 20364	1		
	102,900	108,000	53,980	2,496		0,148		0,254				
								0,508				
								0,762				
								1,016				
	102,878	107,975	37,030	2,487	1.	0,083	M900	0,000	HL 20365	1		
	102,900	108,000	37,410	2,496		0,148		0,254				
								0,508				
								0,762				
								1,016				
	102,878	107,975	37,030	2,487	7.	0,083	M900	0,000	HL 20366	1		
	102,900	108,000	37,410	2,496		0,148		0,254				
								0,508				
								0,762				
								1,016				
	84,713	88,482	39,990	1,826		0,077	M900	0,000	PL 20191	6	007 PS 20192 200	
	84,735	88,504	40,250	1,835		0,139		0,254			210	
								0,508			220	

Ø 145 3

8280.42S. TCA V 8 Diesel, 17173 cm³, 378 kW (514 PS), 16:1 66.52 01/1996...	123,750	146,050		3,43			M250	0,000	AL 20255	4	007 AS 20254 200
	124,000	146,300									



AUDI

Ø 64,5

1

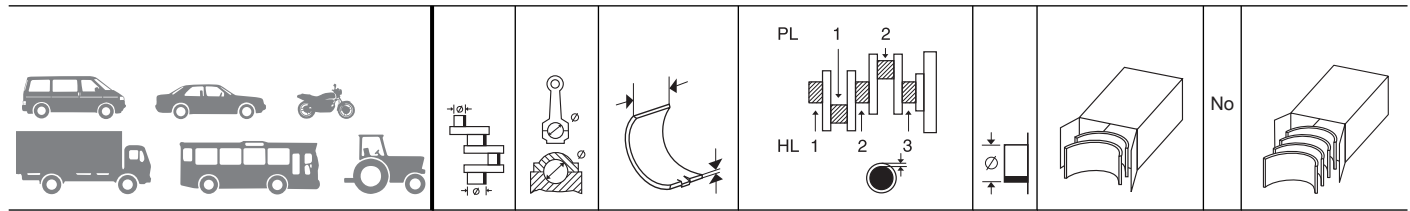
HE R 4 Benzin, 796 cm³, 25 kW (34 PS), 8:1, 8 Ventile 50 0.8 01/1976...07/1978	53,958 53,978	59,000 59,019	24,860 24,910	2,502	3.	0,020 0,082	M157	0,000 0,250	FL 10079	1	029 HS 10039 000 025
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.4.5.	0,016 0,079	M183	0,000 0,250	HL 18109	4	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	41,950 41,970	45,000 45,016	18,000	1,494 1,506		0,018 0,078	M100	0,000 0,250 0,500 0,750 1,000	PL 18062	4	034 PS 18063 000 025 050 075 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
HL 18109											
HL 18066											

Ø 69,5

2.1

HB, HC, HD R 4 Benzin, 1093 cm³, 37 - 44 kW (50 - 60 PS), 8,2:1 - 9,3:1, 8 Ventile 50 1.1 08/1974...07/1978	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	
	53,958 53,978	59,000 59,019	24,860 24,910	2,502	3.	0,020 0,082	M157	0,000 0,250	FL 10079	1	029 HS 10039 000 025
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.4.5.	0,016 0,079	M183	0,000 0,250	HL 18109	4	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	41,950 41,970	45,000 45,016	18,000	1,494 1,506		0,018 0,078	M100	0,000 0,250 0,500 0,750 1,000	PL 18062	4	034 PS 18063 000 025 050 075 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 69,5 - Fortsetzung / Continued

2.2

HB, HC, HD R 4 Benzin, 1093 cm³, 37 - 44 kW (50 - 60 PS), 8,2:1 - 9,3:1, 8 Ventile 50 1.1 08/1974...07/1978	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
HL 18109											
HL 18066											

Ø 75

3

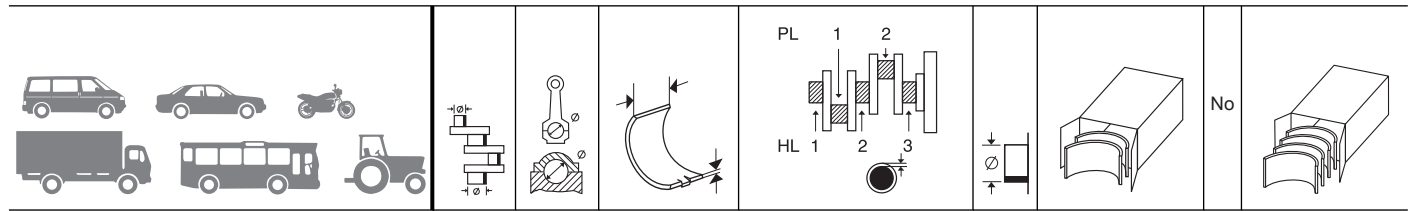
EP, ZA R 4 Benzin, 1296 cm³, 40 kW (55 PS), 8,5:1, 8 Ventile 80 1.3 05/1972...07/1986	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
ZF R 4 Benzin, 1297 cm³, 44 kW (60 PS), 8,5:1, 8 Ventile 80 1.3 05/1972...07/1978	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022					100
53,958 53,978	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	59,019		2,503		0,079		0,250			025	
53,958 53,978	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	075	
	59,019		2,503		0,079		0,250			075	
53,958 53,978	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000	
	59,019	25,030	2,503		0,079		0,250			025	
53,958 53,978	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	050	
	59,019		2,503		0,079		0,250			050	
53,958 53,978	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	59,019		2,503		0,079		0,250			050	
45,958 45,978	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000	
	49,012				0,062		0,250			025	
42,959 42,975	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
	46,025		1,77		0,066		Semi	300			
41,959 41,975	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 300	1		
	45,025		3,27		0,066		Semi	000			
HL 18066											
HL 18109											
PL 10351											

Ø 75

4.1


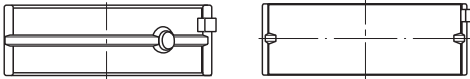
FY, FZ R 4 Benzin, 1272 cm³, 40 - 44 kW (55 - 60 PS), 8,2:1, 8 Ventile 80 1.3 09/1978...07/1981	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
53,958 53,978	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000	
	59,019		2,503		0,079		0,250			025	
53,958 53,978	59,000	24,860	2,502	3.	0,020	M157	0,000	FL 10079	1	029 HS 10039 000	
	59,019	24,910			0,082		0,250			025	
53,958 53,978	59,000	18,500	2,491	1.2.4.5.	0,016	M183	0,000	HL 18109	4		
	59,019		2,503		0,079		0,250				

Fortsetzung nächste Seite / Continued on next page



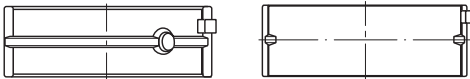

Ø 75 - Fortsetzung / Continued

4.2

FY, FZ R 4 Benzin, 1272 cm ³ , 40 - 44 kW (55 - 60 PS), 8,2:1, 8 Ventile 80 1.3 09/1978...07/1981	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3		
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1		
	41,950 41,970	45,000 45,016	18,000	1,494 1,506		0,018 0,078	M100	0,000 0,250 0,500 0,750 1,000	PL 18062	4		034 PS 18063 000 025 050 075 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		
HL 18109 												
HL 18066 												

Ø 75

5

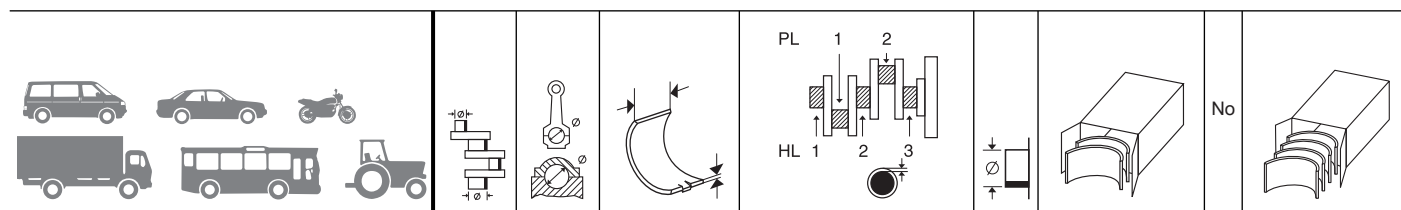
HH R 4 Benzin, 1272 cm ³ , 44 kW (60 PS), 8,2:1, 8 Ventile 50 1.3 08/1977...07/1978	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000 025 100	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1		029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3		
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1		
	41,950 41,970	45,000 45,016	18,000	1,494 1,506		0,018 0,078	M100	0,000 0,250 0,500 0,750 1,000	PL 18062	4		034 PS 18063 000 025 050 075 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		
41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1			
HL 18066 												
HL 18109 												

Ø 75

6.1


HJ R 4 Benzin, 1272 cm ³ , 43 kW (58 PS), 8,2:1, 8 Ventile 50 1.3 01/1977...07/1978	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	

Fortsetzung nächste Seite / Continued on next page



Ø 75 - Fortsetzung / Continued

6.2

HJ R 4 Benzin, 1272 cm³, 43 kW (58 PS), 8,2:1, 8 Ventile 50 1.3 01/1977...07/1978	53,958 53,978	59,000 59,019	24,860 24,910	2,502	3.	0,020 0,082	M157	0,000 0,250	FL 10079	1	029 HS 10039 000 025	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.4.5.	0,016 0,079	M183	0,000 0,250	HL 18109	4		
	41,950 41,970	45,000 45,016	18,000	1,494 1,506		0,018 0,078	M100	0,000 0,250 0,500 0,750 1,000	PL 18062	4		034 PS 18063 000 025 050 075 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		
HL 18109 												

Ø 76,5

7

AUA R 4 Benzin, 1390 cm³, 55 kW (75 PS), 10,5:1, 16 Ventile A2 1.4 I 02/2000...08/2005	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	

Ø 76,5

8

BAD, BLF, BLP R 4 Benzin, 1598 cm³, 81 - 85 kW (110 - 115 PS), 16 Ventile A2 1.6 FSI 05/2002...08/2005 A3 II 1.6 FSI 08/2003...10/2012	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000	
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5		029 HS 21018 000 025 050
	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4		
CAXC R 4 Benzin, 1390 cm³, 92 kW (125 PS), 100:1, 16 Ventile A3 II 1.4 TFSI 09/2007...03/2013	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050	

Ø 76,5

9

BAG R 4 Benzin, 1598 cm³, 85 kW (115 PS), 12:1, 16 Ventile A3 II 1.6 FSI 08/2003...09/2007	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	
CNVA R 4 Benzin, 1390 cm³, 90 kW (122 PS), 10:1, 16 Ventile A1 1.4 TFSI 05/2010...11/2011											

Ø 76,5

10

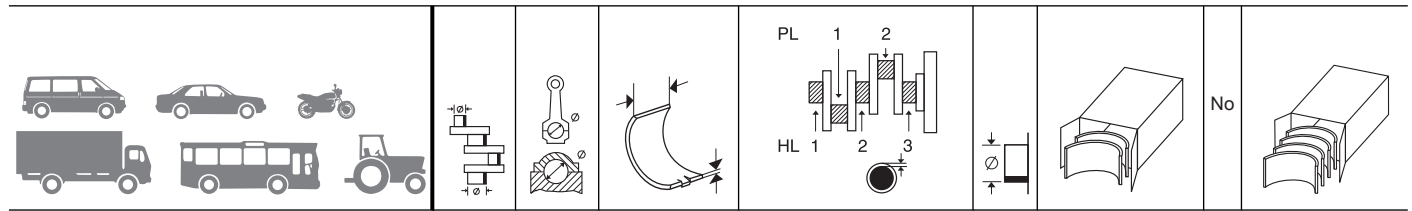
BBY R 4 Benzin, 1390 cm³, 55 kW (75 PS), 10,5:1, 16 Ventile A2 1.4 I 02/2000...08/2005	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000	
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5		029 HS 21018 000 025 050
	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4		
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		

Ø 76,5

11.1

CAXA R 4 Benzin, 1390 cm³, 90 kW (122 PS), 10:1, 16 Ventile A1 1.4 TFSI 05/2010...11/2011	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100	
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4		029 AS 20558 000
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5		

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

11.2

CAXA R 4 Benzin, 1390 cm³, 90 kW (122 PS), 10:1, 16 Ventile A1 1.4 TFSI 05/2010...11/2011	47,763	50,600	17,000	1,40			0,010	M920	0,000	PL 20036	4	029 PS 20037 000 025 050
	47,778	50,612	17,200	1,406			0,049		0,250 0,500			

Ø 76,5

12

CMSA R 4 Benzin, 1390 cm³, 92 kW (125 PS), 16 Ventile A3 II 1.4 TFSI 09/2007...10/2012	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97								

Ø 76,5

13

CN R 4 Diesel, 1986 cm³, 51 kW (70 PS), 23:1, 10 Ventile 100 2.0 D 08/1978...11/1990	63,500	77,200		1,92				M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92				M157	0,000	AL 18821	2	
	23,994	27,000	25,000	1,70			0,016	M100	Semi	BB 18080	4	029 BS 18081 300
	24,000	27,021		1,78			0,029					
	57,958	63,000	18,500	2,502	1-6.		0,016	M900	0,000	HL 18817	6	029 HS 18815 000 025 050
	57,978	63,019					0,079		0,250 0,500			
	47,758	50,600	18,700	1,394			0,010	M215	0,000	PL 10342	4	029 PS 10722 000 025 050
	47,778	50,619	19,000	1,406			0,073		0,250 0,500			
47,758	50,600	18,700	1,395			0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050	
47,778	50,619	19,000	1,406			0,067		0,250 0,500				

PL 10342



PL 19903

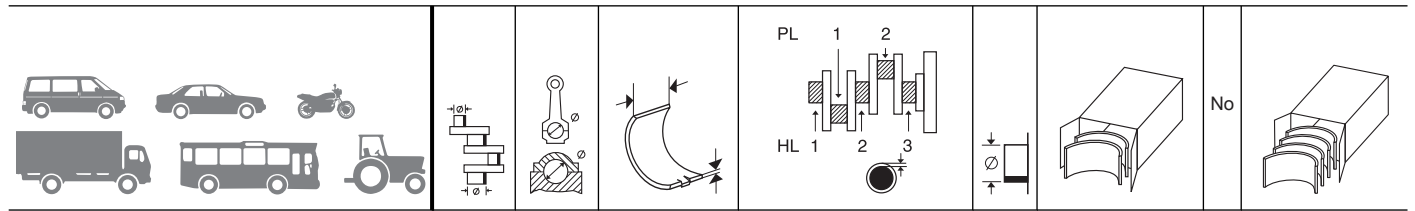


Ø 76,5

14.1

CR R 4 Diesel, 1588 cm³, 40 kW (54 PS), 23,5:1, 8 Ventile 80 1.6 D 08/1980...08/1986	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97								
	23,994	27,000	25,000	1,70			0,016	M100	Semi	BB 18080	4	029 BS 18081 300
	24,000	27,021		1,78			0,029					
	53,958	59,000	24,910	2,491	3.		0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503			0,079		0,250 0,500			
	53,958	59,000	18,500	2,491	1.2.5.		0,016	M100	0,000	HL 18066	3	029 PS 10722 000 025 050 075
	53,978	59,019		2,503			0,079		0,250 0,500			
	53,958	59,000	18,500	2,491	4.		0,016	M183	0,000	HL 18109	1	029 PS 18146 000 025 050 100
	53,978	59,019		2,503			0,079		0,250 0,500			
47,758	50,600	18,700	1,394			0,010	M215	0,000	PL 10342	4	029 PS 19905 000 025 050	
47,778	50,619	19,000	1,406			0,073		0,250 0,500 0,750				
47,758	50,600	19,000	1,393			0,010	M215	0,000	PL 18145	4	029 PS 19905 000 025 050	
47,778	50,612					0,052		0,250 0,500 1,000				
47,758	50,600	18,700	1,395			0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050	
47,778	50,619	19,000	1,406			0,067		0,250 0,500				
42,959	46,000	15,000	1,70			0,025	M11	0,000	029 LB 18191 000	1	300	
42,975	46,025		1,77			0,066		Semi				

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

14.2

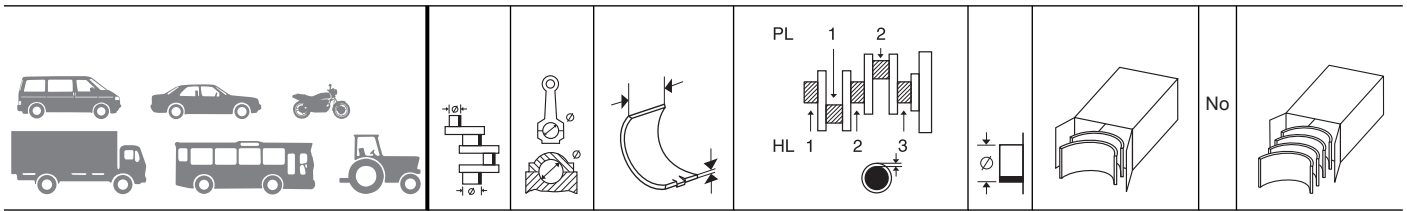
CR R 4 Diesel, 1588 cm³, 40 kW (54 PS), 23,5:1, 8 Ventile 80 1.6 D 08/1980...08/1986	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
	41,975	45,025		3,27		0,066		0,000	000			
	HL 18066											
	HL 18109											
	PL 10342											
	PL 18145											
PL 19903												

Ø 76,5

15.1

CY R 4 Diesel, 1588 cm³, 51 kW (70 PS), 23:1, Turbo, 8 Ventile 80 1.6 TD 90 1.6 TD 08/1981...05/1986 10/1985...01/1987	23,994	27,000	25,000	1,70		0,016	M100	Semi	BB 18080	4	029 BS 18081 300
	24,000	27,021		1,78		0,029					
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000
	53,978	59,019	25,030	2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	050
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000	
47,778	50,619	19,000	1,406		0,073		0,250			025	
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000	
47,778	50,612				0,052		0,250			025	
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
47,778	50,619	19,000	1,406		0,067		0,250			025	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi	300			

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

15.2

CY R 4 Diesel, 1588 cm³, 51 kW (70 PS), 23:1, Turbo, 8 Ventile 80 1.6 TD 90 1.6 TD 08/1981...05/1986 10/1985...01/1987	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27		0,066		0,000	000	
	HL 18066									
	HL 18109									
	PL 10342									
	PL 18145									
PL 19903										

Ø 76,5

16

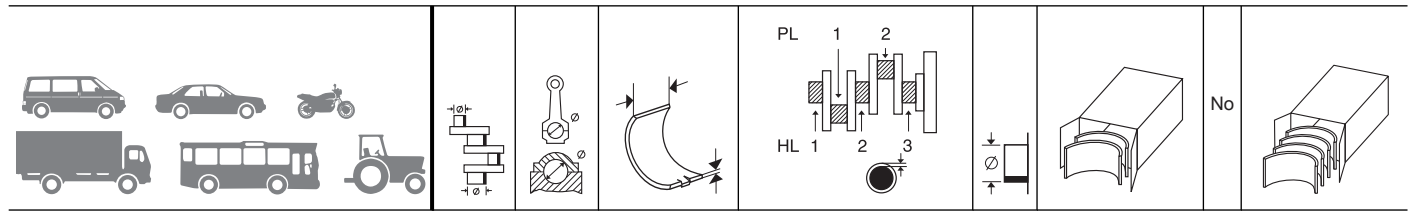
DE R 5 Diesel, 1986 cm³, 64 kW (87 PS), 23:1, Turbo, 10 Ventile 100 2.0 D TURBO 100 2.0 TD 08/1982...02/1988 03/1983...10/1987	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92			M157	0,000	AL 18821	2	
NC R 5 Diesel, 1985 cm³, 74 kW (100 PS), 23:1, Turbo, LLK, 10 Ventile 100 2.0 D TURBO 03/1988...11/1990	23,994	27,000	25,000	1,70		0,016	M100	Semi	BB 18080	5	029 BS 19205 300
	24,000	27,021		1,78		0,029					
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	029 HS 18815 000 025 050
	57,978	63,019				0,079		0,250 0,500			
	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	5	029 PS 19904 000 025 050 075 <small>01/1984...</small>
	47,778	50,619	19,000	1,406		0,067		0,250 0,500 0,750			
41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	300	
41,975	45,025		3,27		0,066		Semi	000			
PL 19903											

Ø 76,5

17.1







JK R 4 Diesel, 1588 cm³, 40 kW (54 PS), 23,5:1, 8 Ventile 80 1.6 D 08/1980...08/1991	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
08/1980...08/1991	23,994	27,000	25,000	1,70		0,016	M100	Semi	BB 18080	4	029 BS 18081 300
	24,000	27,021		1,78		0,029					
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,250 0,500			
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	029 PS 10722 000 025 050 075
	53,978	59,019		2,503		0,079		0,250 0,500			
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	000	
47,778	50,619	19,000	1,406		0,073		0,250 0,500 0,750				

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

17.2

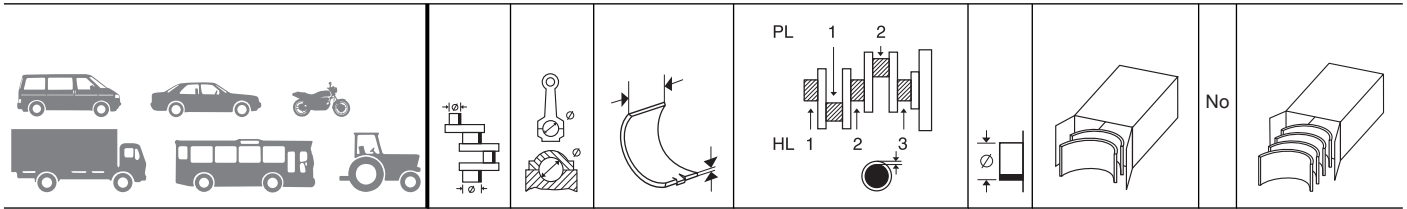
JK R 4 Diesel, 1588 cm³, 40 kW (54 PS), 23,5:1, 8 Ventile 80 1.6 D 08/1980...08/1991	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
	47,778	50,612				0,052		0,250			025
								0,500			050
								1,000			100
	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000
	47,778	50,619	19,000	1,406		0,067		0,250			025
								0,500			050
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi			300
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000			000
	HL 18066										
	HL 18109										
	PL 10342										
	PL 18145										
	PL 19903										

Ø 76,5

18.1

RA, SB R 4 Diesel, 1588 cm³, 59 kW (80 PS), 23:1, Turbo, LLK, 8 Ventile 80 1.6 TD 90 1.6 TD 09/1986...08/1991 04/1987...09/1991	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
									1,000		100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	23,994	27,000	25,000	1,70		0,016	M100	Semi	BB 18080	4	029 BS 18081 300
	24,000	27,021		1,78		0,029					
	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000
53,978	59,019		2,503		0,079		0,250			025	
							1,000			100	
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
53,978	59,019		2,503		0,079		0,250			025	
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000	
47,778	50,619	19,000	1,406		0,073		0,250			025	
							0,500			050	
							0,750			075	
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
47,778	50,619	19,000	1,406		0,067		0,250			025	
							0,500			050	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi			300	

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

18.2

RA, SB R 4 Diesel, 1588 cm³, 59 kW (80 PS), 23:1, Turbo, LLK, 8 Ventile 80 1.6 TD 90 1.6 TD 09/1986...08/1991 04/1987...09/1991	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
	HL 18109										
	HL 18066										
	PL 10342										
PL 19903											

Ø 76,5

19

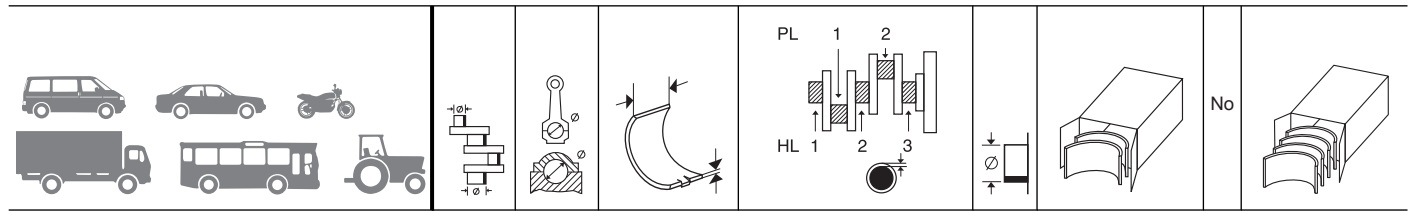
YJ R 4 Benzin, 1457 cm³, 51 kW (70 PS), 9,7:1, 8 Ventile 80 1.5 05/1972...08/1975	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300	
	22,000	25,033		1,77		0,022						
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750			075	
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
								0,750				
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000	
	53,978	59,019	25,030	2,503		0,079		0,250			025	
							0,500			050		
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3			
53,978	59,019		2,503		0,079		0,250					
							0,500					
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
53,978	59,019		2,503		0,079		0,250					
							0,500					
45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000		
45,978	49,012				0,062		0,250			025		
							0,500			050		
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1			
41,975	45,025		3,27		0,066		0,000	000				
HL 18066												
HL 18109												
PL 10351												

Ø 76,5

20.1

ZB, ZC R 4 Benzin, 1470 cm³, 55 - 63 kW (75 - 85 PS), 9,7:1, 8 Ventile 80 1.5 05/1972...07/1976	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022					

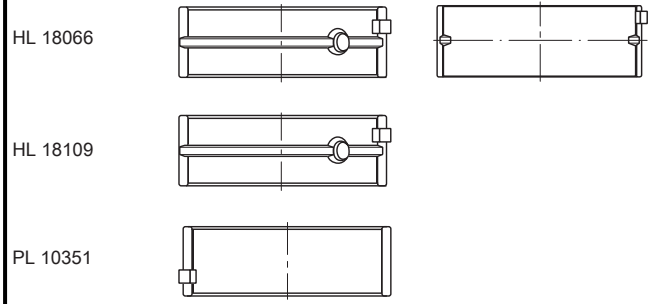
Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

20.2

ZB, ZC R 4 Benzin, 1470 cm³, 55 - 63 kW (75 - 85 PS), 9,7:1, 8 Ventile 80 1.5 05/1972...07/1976	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	45,958 45,978	49,000 49,012	19,000	1,506		0,010 0,062	M780	0,000 0,250 0,500	PL 10351	4	034 PS 18670 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

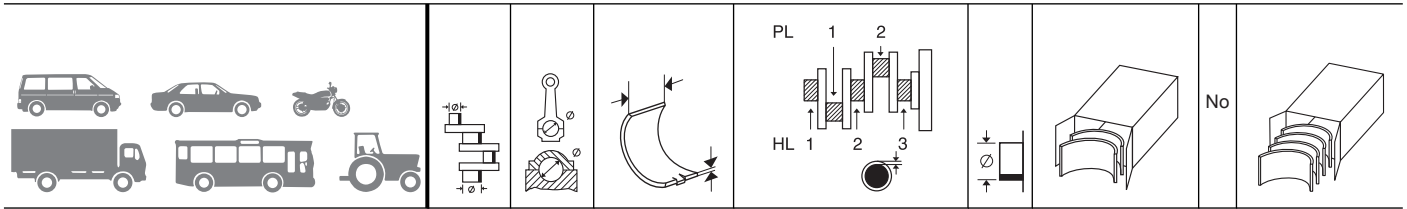


Ø 79,5

21.1

1Y R 4 Diesel, 1896 cm³, 47 kW (64 PS), 22.5:1, 8 Ventile 80 1.9 D 08/1989...08/1991	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,619	18,700 19,000	1,396 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 10225	4	029 PS 10248 000 025 050
47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500 0,750	PL 10342	4	029 PS 10722 000 025 050 075	

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Ø 79,5 - Fortsetzung / Continued

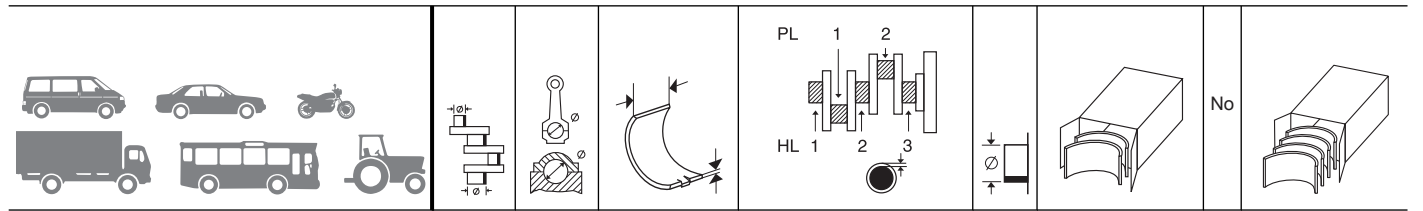
21.2

1Y R 4 Diesel, 1896 cm³, 47 kW (64 PS), 22,5:1, 8 Ventile 80 1.9 D 08/1989...08/1991	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050
	47,778	50,619	19,000	1,406		0,067		0,250			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
HL 18066											
HL 18109											
PL 10342											
PL 19903											

Ø 79,5

22

1Z, AAZ R 4 Diesel, 1896 cm³, 55 kW (75 PS), 19,5:1 - 22,5:1, Turbo, LLK, 8 Ventile 80 1.9 TD 80 1.9 TDI A4 1.9 TDI A6 1.9 TDI CABRIOLET 1.9 TDI 09/1991...12/1994 09/1991...01/1996 01/1995...09/2001 06/1994...12/1997 06/1995...08/2000	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100	
	59,750	73,200		1,97				0,250				
		59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
		59,750	73,200		1,975							
		26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
			29,052									
		53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
		53,978	59,019		2,503		0,079		0,250			
		53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
		53,978	59,019		2,503		0,079		0,250			
		47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000 025 050 075
		47,778	50,619	19,000	1,406		0,073		0,500			
		47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050
		47,778	50,619	19,000	1,406		0,067		0,500			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
	42,975	46,025		1,77		0,066		Semi	300			
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
	41,975	45,025		3,27		0,066		0,000	000			
HL 18066												
HL 18109												
PL 10342												
PL 19903												



Ø 79,5 **23**

3D, AAS R 5 Diesel, 2370 cm³, 60 kW (82 PS), 22,5:1 100 2.4 D 08/1989...06/1994	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 0,750 1,000	PL 18145	5	029 PS 18723 000 025 050 075 100
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500 0,750	PL 19903	5	029 PS 19904 000 025 050 075
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
PL 18145											
PL 19903											

Ø 79,5 **24**

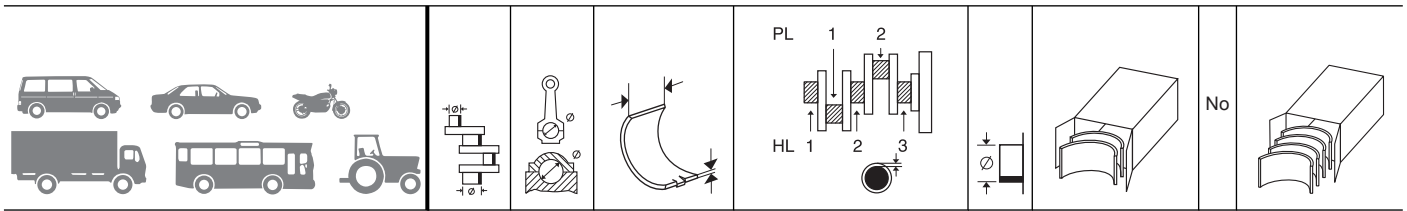
ADE, ANU R 4 Diesel, 1896 cm³, 55 - 66 kW (75 - 90 PS), 18:1, 8 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
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Ø 79,5 **25**

AFF R 4 Diesel, 1896 cm³, 55 kW (75 PS), 19,5:1, 8 Ventile A4 1.9 TDI 12/1995...09/2001	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
	HL 18066										
PL 19903											

Ø 79,5 **26**

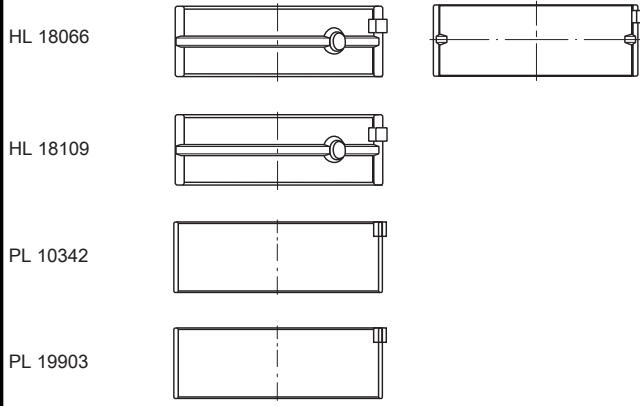
AFN, AVG R 4 Diesel, 1896 cm³, 81 kW (110 PS), 19,5:1, Turbo, LLK, 8 Ventile A4 1.9 TDI 10/1995...09/2001 A6 1.9 TDI 04/1997...04/2001	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050



Ø 79,5

27

AGR R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile A3 I 1.9 TDI 09/1996...07/2001	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052									
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
	53,978	59,019		2,503		0,079		0,250			025
								0,750			075
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				
							0,750				
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
53,978	59,019		2,503		0,079		0,250			025	
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000	
47,778	50,619	19,000	1,406		0,073		0,250			025	
							0,500			050	
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
47,778	50,619	19,000	1,406		0,067		0,250			025	
							0,500			050	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi	300			
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			



Ø 79,5

28

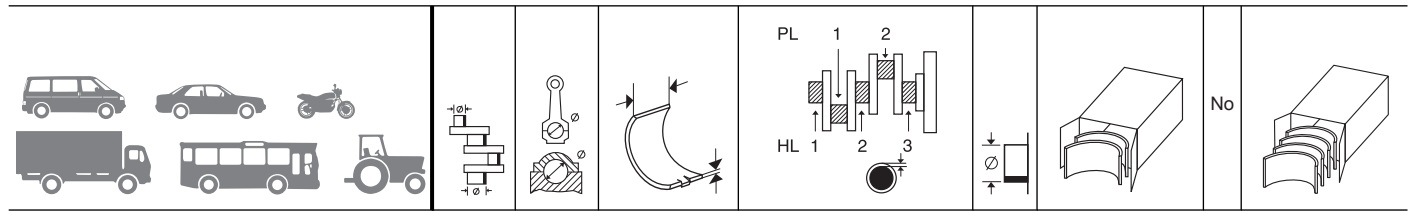
AHF, AHH, ASV, ATD, ATJ R 4 Diesel, 1896 cm³, 66 - 85 kW (90 - 115 PS), 19:1 - 19,5:1, Turbo, LLK, 8 Ventile A3 I 1.9 TDI 11/1996...05/2003 A4 1.9 TDI 01/1995...09/2001	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052									
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
53,978	59,019		2,503		0,079		0,250			025	
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			

Ø 79,5

29.1

AHU R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile A4 1.9 TDI 01/1995...09/2001 A6 1.9 TDI 06/1994...12/1997 CABRIOLET 1.9 TDI 06/1995...08/2000	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052										
53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
53,978	59,019		2,503		0,079		0,250			025	
							0,750			075	
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				
							0,750				

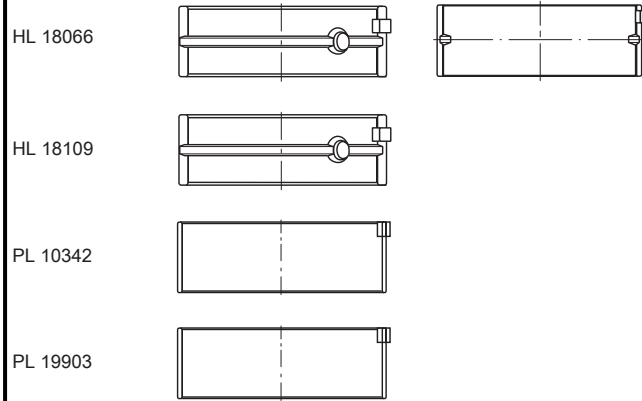
Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

29.2

AHU R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile A4 1.9 TDI 01/1995...09/2001 A6 1.9 TDI 06/1994...12/1997 CABRIOLET 1.9 TDI 06/1995...08/2000	47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000	
	47,778	50,619	19,000	1,406		0,073		0,250			025	
									0,500			050
	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
	47,778	50,619	19,000	1,406		0,067		0,250			025	
								0,500				050
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000	
	47,778	50,612	19,000	1,406		0,054		0,250			025	
								0,500			050	
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
	42,975	46,025		1,77		0,066		Semi			300	
	41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 300	1		
	41,975	45,025		3,27		0,066		Semi			000	



Ø 79,5

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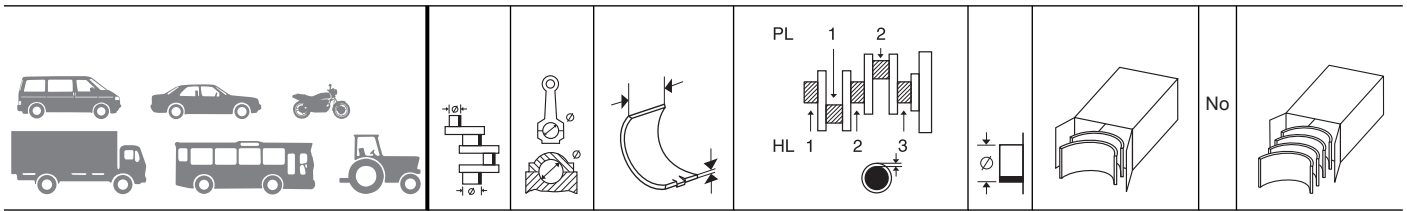
AJM R 4 Diesel, 1896 cm³, 85 kW (115 PS), 19:1, Turbo, LLK, 8 Ventile A4 1.9 TDI 02/1999...01/2001 A6 1.9 TDI 07/2000...01/2005	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
									1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
		26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052											
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
	53,978	59,019		2,503		0,079		0,250			025	
	41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 300	1		
	41,975	45,025		3,27		0,066		Semi			000	

Ø 79,5

31.1

ALH R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile A3 I 1.9 TDI 09/1996...07/2001	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
									1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
		26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052										
		53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
		53,978	59,019		2,503		0,079		0,250			025
									0,750			075
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250			025	
								0,750			075	
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
	53,978	59,019		2,503		0,079		0,250			025	
	47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000	
	47,778	50,619	19,000	1,406		0,073		0,250			025	
								0,500			050	
								0,750			075	
	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
	47,778	50,619	19,000	1,406		0,067		0,250			025	
								0,500			050	

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

31.2

ALH R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile A3 I 1.9 TDI 09/1996...07/2001	42,959	46,000	15,000	1,70			0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77			0,066		Semi	300		
	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27			0,066		0,000	000		
HL 18066												
HL 18109												
PL 10342												
PL 19903												

Ø 79,5

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AMF, ATL, BHC R 3 Diesel, 1422 cm³, 55 - 66 kW (75 - 90 PS), 18:1 - 19,5:1, 6 Ventile A2 1.4 TDI 02/2000...08/2005	59,500	71,550		2,425				M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475								
	53,958	59,000	18,500	2,491	1.-4.		0,016	M100	0,000	HL 18066	4	029 HS 20869 000
	53,978	59,019		2,503			0,079		0,250			025
									0,500			050

Ø 79,5

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ASZ R 4 Diesel, 1896 cm³, 96 kW (130 PS), 18,5:1, Turbo, LLK, 8 Ventile A3 I 1.9 TDI 08/2000...05/2003	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97					0,250			025	
		59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
		59,750	73,200		1,975								100
		26,000	29,000	25,000					M114	Semi	BB 10247	4	029 BS 10265 300
			29,052										
	53,958	59,000	18,200	2,495			0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
	53,978	59,012	18,500	2,501			0,064						
	50,858	53,700	20,100	1,398			0,020	M330	0,000	PL 19908	4	029 PS 19909 000	
	50,878	53,712	20,400	1,403			0,064		0,250			025	
	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1		
	41,975	45,025		3,27			0,066		0,000	000			

Ø 79,5

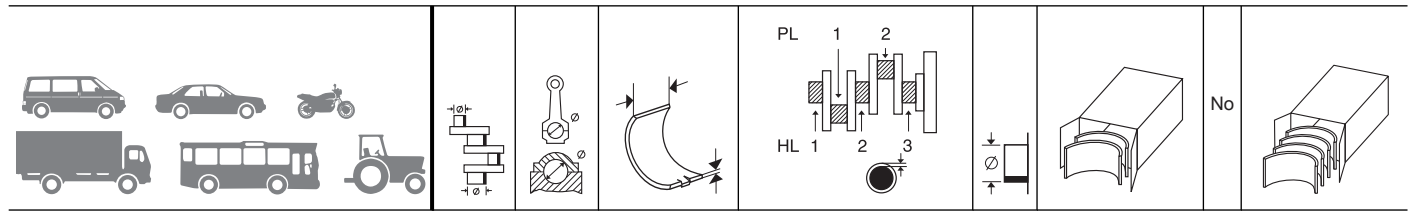
34

AVB R 4 Diesel, 1896 cm³, 74 kW (101 PS), 19:1, Turbo, LLK, 8 Ventile A4 1.9 TDI 05/2001...12/2004	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975								
		26,000	29,000	25,000					M114	Semi	BB 10247	4
		29,052										
	53,958	59,000	18,500	2,491	1.-5.		0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503			0,079		0,250			025

Ø 79,5

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AVF, AWW, BKE, BRB R 4 Diesel, 1896 cm³, 85 - 96 kW (115 - 131 PS), 19:1, Turbo, 8 Ventile A4 1.9 TDI 11/2000...06/2008 A6 1.9 TDI 08/2001...01/2005	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97					0,250			025	
		59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
		59,750	73,200		1,975								100
		26,000	29,000	25,000					M114	Semi	BB 10247	4	029 BS 10265 300
			29,052										
	53,958	59,000	18,200	2,495			0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
	53,978	59,012	18,500	2,501			0,064						
	50,858	53,700	20,100	1,398			0,020	M330	0,000	PL 19908	4	029 PS 19909 000	
	50,878	53,712	20,400	1,403			0,064		0,250			025	

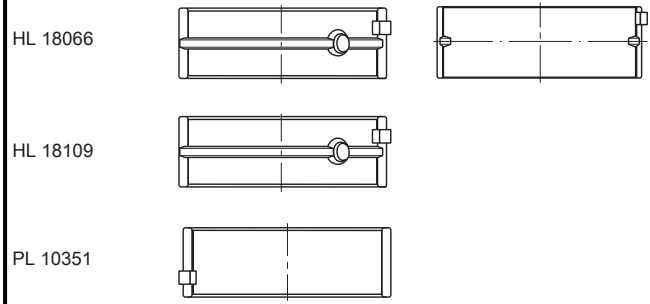


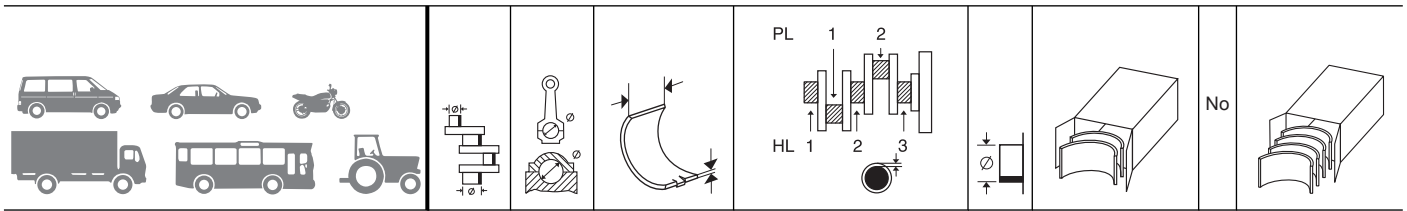
Ø 79,5											36
AXR R 4 Diesel, 1896 cm³, 74 kW (101 PS), 19:1, Turbo, 8 Ventile A3 I 1.9 TDI 10/2000...05/2003	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97							
	59,000	72,950		1,925			M157	0,000	AL 20557	4	
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
53,978	59,012	18,500	2,501		0,064						
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000				

Ø 79,5											37
BKC R 4 Diesel, 1889 cm³, 77 kW (105 PS), 19:1, 8 Ventile A3 II 1.9 TDI 05/2003...05/2010	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97							
	59,000	72,950		1,925			M157	0,000	AL 20557	4	
53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
53,978	59,012	18,500	2,501		0,064						

Ø 79,5											38
BLS, BXE R 4 Diesel, 1896 cm³, 77 kW (105 PS), 8 Ventile A3 II 1.9 TDI 05/2003...03/2013	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
CAYB, CAYC R 4 Diesel, 1598 cm³, 66 - 77 kW (90 - 105 PS), 16,5:1, 16 Ventile A1 1.6 TDI 05/2010...11/2011 A3 II 1.6 TDI 05/2009...10/2012	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					

Ø 79,5											39
FS R 4 Benzin, 1457 cm³, 55 kW (75 PS), 8,2:1, 8 Ventile 80 1.6 01/1976...07/1978	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022					
YG, YH, YK, YT R 4 Benzin, 1588 cm³, 51 - 61 kW (70 - 83 PS), 8,2:1, 8 Ventile 80 1.6 08/1978...07/1981	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
	45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000 025 050
	45,978	49,012				0,062		0,250			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		

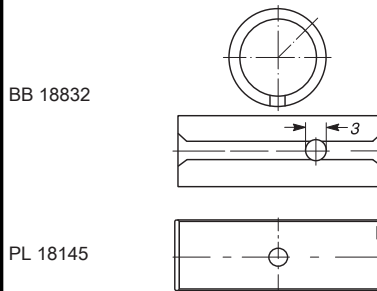




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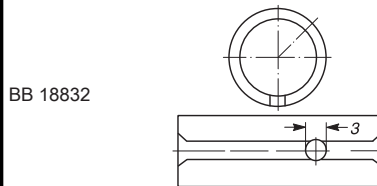
GV, KG, KW, WR, WX R 5 Benzin, 2144 cm³, 120 - 225 kW (163 - 306 PS), 7:1 - 8,5:1, Turbo, LLK, 10 Ventile 200 2.1 TURBO 08/1983...01/1988 QUATTRO 2.1 02/1982...07/1989 QUATTRO 2.1 T 07/1980...07/1987	20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 0,750 1,000	PL 18145	5	029 PS 18723 000 025 050 075 100



Ø 79,5

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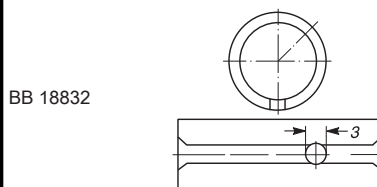
KE, KF, KK, KL, WJ, WU R 5 Benzin, 2144 cm³, 79 - 125 kW (107 - 170 PS), 10 Ventile 100 2.1 08/1982...07/1984 200 2.1 TURBO 10/1979...08/1982 COUPE 2.1 09/1982...08/1984	20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050



Ø 79,5

42

WB, WC R 5 Benzin, 2144 cm³, 85 - 100 kW (115 - 136 PS), 9,3:1, 10 Ventile 100 2.1 03/1977...07/1984 200 2.1 10/1979...07/1984	20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,500 0,750	FL 18818	1	029 HS 18819 000 050 075
	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M900	0,000 0,500 0,750	HL 18817	5	
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

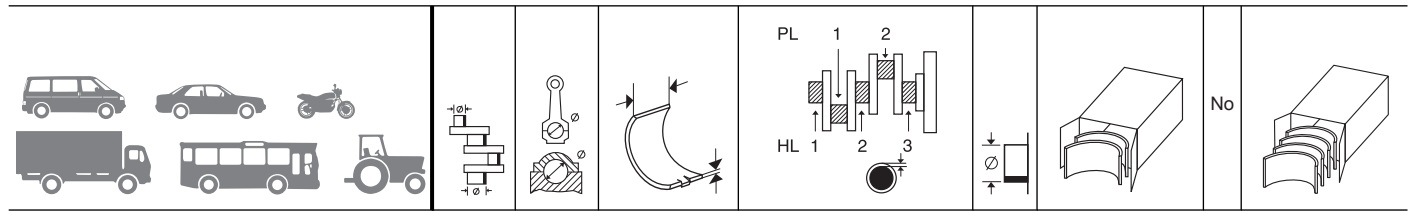


Ø 79,5

43.1

WE R 5 Benzin, 2144 cm³, 79 - 85 kW (107 - 115 PS), 8,2:1, 10 Ventile 100 2.1 07/1977...02/1983 80 2.2 10/1980...07/1981 COUPE 2.1 GT 01/1981...07/1983	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
	20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300

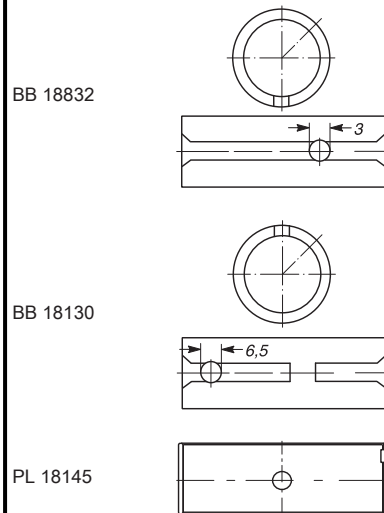
Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

43.2

WE R 5 Benzin, 2144 cm³, 79 - 85 kW (107 - 115 PS), 8,2:1, 10 Ventile 100 2.1 80 2.2 COUPE 2.1 GT	07/1977...02/1983	19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	5	029 BS 18689 300
	10/1980...07/1981	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
	01/1981...07/1983	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,500 0,750	FL 18818	1	029 HS 18819 000 050 075
		57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M900	0,000 0,500 0,750	HL 18817	5	
		47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 0,750 1,000	PL 18145	5	029 PS 18723 000 025 050 075 100
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
		41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

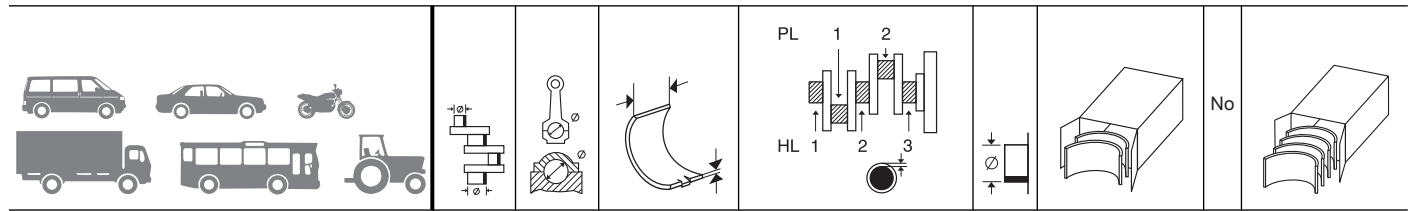


Ø 79,5

44.1

WG R 5 Benzin, 2144 cm³, 100 kW (136 PS), 10 Ventile 100 2.1	03/1977...02/1983	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
		63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
		20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
		57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
		57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,500 0,750	FL 18818	1	029 HS 18819 000 050 075
		57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M900	0,000 0,500 0,750	HL 18817	5	
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

44.2

WG R 5 Benzin, 2144 cm ³ , 100 kW (136 PS), 10 Ventile 100 2.1 03/1977...02/1983	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300 000	1
	41,975	45,025		3,27			0,066		0,000		
BB 18832 											

Ø 79,5

45

WH R 5 Benzin, 1921 cm ³ , 74 kW (100 PS), 10:1, 10 Ventile 100 1.9 08/1980...07/1984	63,500	77,200		1,92				M157	0,000	AL 18820	2	029 AS 18822 000 025 050
	63,500	77,200		1,92				M157	0,000	AL 18821	2	
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	0,250	HL 18817	6	029 HS 18815 000 025 050
	57,978	63,019				0,079		0,500				
	57,958	63,000	24,860	2,491	3.	0,016	M114	0,000	0,500	FL 18818	1	029 HS 18819 000 050 075
	57,978	63,019	24,910	2,503		0,079		0,750				
	57,958	63,000	18,500	2,502	1.2.4.5.6.	0,016	M900	0,000	0,500	HL 18817	5	
42,959	46,000	15,000	1,70		0,025	M11	0,000			029 LB 18191 000	1	
42,975	46,025		1,77		0,066		Semi			300		
41,959	45,000	15,000	1,70		0,025	M11	Semi			029 LB 18192 300	1	
41,975	45,025		3,27		0,066		0,000			000		

Ø 79,5

46

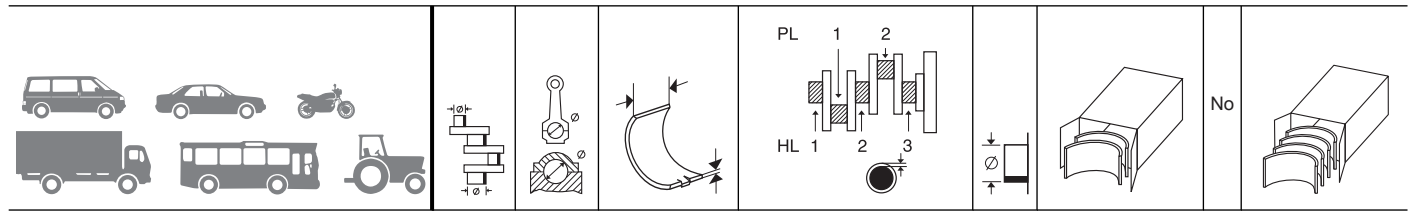
WN R 5 Benzin, 1921 cm ³ , 84 kW (115 PS), 10:1, 10 Ventile 80 1.9 COUPE 1.9 09/1981...07/1983 08/1980...07/1983	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	0,250	HL 18817	6	029 HS 18815 000 025 050
	57,978	63,019				0,079		0,500				

Ø 79,5

47.1

WV, YN, YP, YS, YV, YZ R 4 Benzin, 1588 cm ³ , 55 - 81 kW (75 - 110 PS), 8,2:1 - 9,5:1, 8 Ventile 100 1.6 80 1.6 COUPE 1.6 08/1976...02/1983 09/1975...12/1986 07/1980...08/1981	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97					0,250			
	21,996	25,000	25,000	1,70		0,012	M100	Semi		BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022						
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	0,250	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,750				
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	0,250	HL 18109	1	
	53,978	59,019		2,503		0,079		0,750				
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	0,250	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,500				
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	0,250	HL 18066	3		
53,978	59,019		2,503		0,079		0,500					
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	0,250	HL 18109	1		
53,978	59,019		2,503		0,079		0,500					
45,958	49,000	19,000	1,506		0,010	M780	0,000	0,250	PL 10351	4	034 PS 18670 000 025 050	
45,978	49,012				0,062		0,500					
42,959	46,000	15,000	1,70		0,025	M11	0,000			029 LB 18191 000	1	
42,975	46,025		1,77		0,066		Semi			300		

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

47.2

WV, YN, YP, YS, YV, YZ R 4 Benzin, 1588 cm³, 55 - 81 kW (75 - 110 PS), 8,2:1 - 9,5:1, 8 Ventile 100 1.6 80 1.6 COUPE 1.6 08/1976...02/1983 09/1975...12/1986 07/1980...08/1981	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
HL 18066											
HL 18109											
PL 10351											

Ø 79,5

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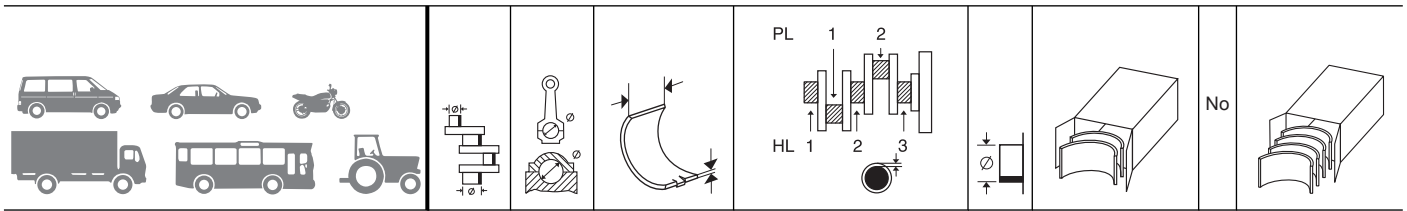
ZV R 4 Benzin, 1716 cm³, 59 kW (80 PS), 8,2:1, 8 Ventile 100 1.8 11/1968...11/1971	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000
	53,978	59,019	25,030	2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	050
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
53,978	59,019		2,503		0,079		0,250				
45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000	
45,978	49,012				0,062		0,250			025	
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	050	
41,975	45,025		3,27		0,066		0,000	000			
HL 18066											
HL 18109											
PL 10351											

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49.1

1B R 5 Benzin, 2226 cm³, 147 kW (200 PS), 8,6:1, Turbo 200 2.2 TURBO QUATTRO 2.2 T 02/1988...12/1991 08/1987...07/1989	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92			M157	0,000	AL 18821	2	
HP, SL R 5 Benzin, 1993 cm³, 83 kW (113 PS), 10:1, 10 Ventile 100 2.0 80 2.0 90 2.0 COUPE 2.0 08/1986...11/1987 10/1983...09/1984 10/1984...03/1987 09/1983...07/1986	20,000	23,000	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	029 HS 18815 000
57,978	63,019		2,502		0,079		0,250				025
57,958	63,000	24,860	2,491	3.	0,016	M114	0,000	FL 18818	1	029 HS 18819 000	
57,978	63,019	24,910	2,503		0,079		0,500			050	
57,958	63,000	18,500	2,502	1.2.4.5.6.	0,016	M900	0,000	HL 18817	5	075	
57,978	63,019		2,502		0,079		0,500			100	
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	5	029 PS 18723 000	
47,778	50,612				0,052		0,250			025	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	050	
42,975	46,025		1,77		0,066		Semi	300		075	

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

49.2

1B R 5 Benzin, 2226 cm ³ , 147 kW (200 PS), 8,6:1, Turbo 200 2.2 TURBO 02/1988...12/1991 QUATTRO 2.2 T 08/1987...07/1989	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1																				
	41,975	45,025		3,27		0,066		0,000																						
HP, SL R 5 Benzin, 1993 cm ³ , 83 kW (113 PS), 10:1, 10 Ventile 100 2.0 08/1986...11/1987 80 2.0 10/1983...09/1984 90 2.0 10/1984...03/1987 COUPE 2.0 09/1983...07/1986	BB 18832 																													
											PL 18145 																			
																					RT R 5 Benzin, 1994 cm ³ , 85 kW (115 PS), 10:1, 10 Ventile 100 2.0 KAT 01/1988...11/1990									

Ø 81

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2B R 5 Benzin, 2226 cm ³ , 140 kW (190 PS), 8,6:1, 10 Ventile 200 2.2 TURBO 02/1988...12/1990	20,000	23,000	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	
NM R 5 Benzin, 1994 cm ³ , 118 kW (160 PS), 10,3:1, 20 Ventile 90 2.0 08/1988...09/1991 COUPE 2.0 08/1989...07/1991	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	5	029 PS 18723 000 025 050 075 100
	47,778	50,612				0,052		0,250			
BB 18832 											

Ø 81

51

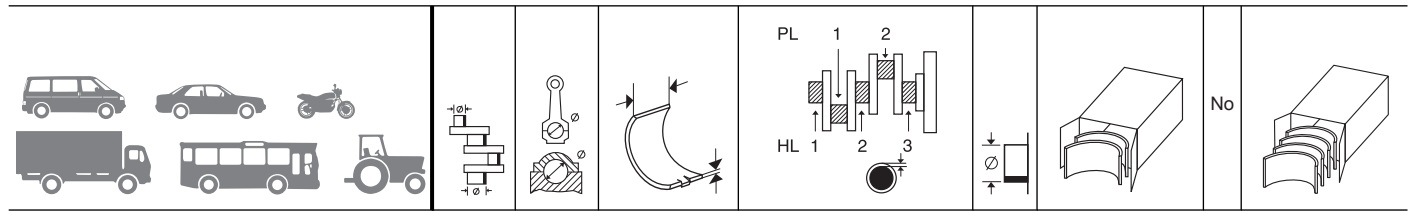
3B R 5 Benzin, 2226 cm ³ , 162 kW (220 PS), 9,3:1, Turbo 200 2.2 TURBO 03/1989...12/1990 COUPE S2 09/1990...09/1992	20,000	23,000	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	
BB 18832 											

Ø 81

52.1

4B, DR, PH, PM, RS R 4 Benzin, 1781 cm ³ , 55 - 66 kW (75 - 90 PS), 8,8:1 - 9:1, 8 Ventile 100 1.8 08/1982...12/1987 100 1.8 KAT 03/1985...11/1990 100 1.8 QUATTRO KAT 08/1985...11/1990 80 1.8 S 09/1986...10/1991	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100	
	59,750	73,200		1,97				0,250				
	59,000 72,950 59,750 73,200				1,925			M157	0,000	AL 20557	4	029 AS 20558 000
				18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	
	53,958	59,000		2,503		0,079		0,250			029 HS 18067 000 025 075	
	53,978	59,019			4.	0,016	M183	0,000	HL 18109	1		
	53,958	59,000	18,500	2,491		0,079		0,250				
	53,978	59,019		2,503				0,750				

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

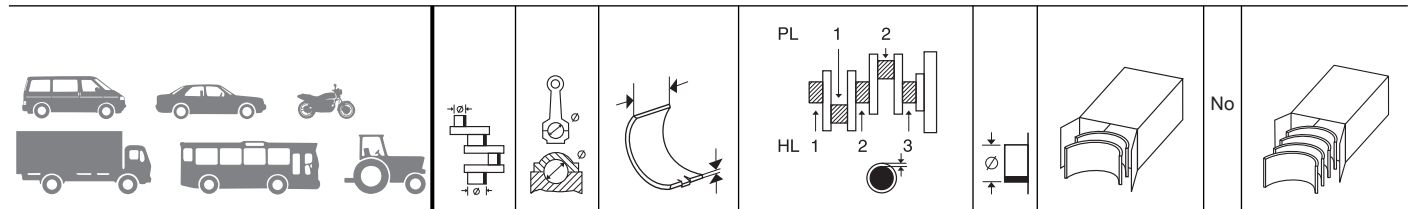
52.2

NP R 4 Benzin, 1760 cm ³ , 65 kW (88 PS), 10:1, 8 Ventile 100 1.8 100 1.8 QUATTRO 08/1983...07/1989 10/1984...07/1988	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100 <small>01/1986...</small>
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
HL 18066											
HL 18109											
PL 18145											

Ø 81

53

AAN, ABY, ADU, RR R 5 Benzin, 2226 cm ³ , 162 - 232 kW (220 - 316 PS), 8,8:1 - 9,3:1, Turbo 100 S4 2.2 TURBO 80 RS2 2.2 80 S2 2.2 A6 S6 TURBO COUPE S2 QUATTRO 2.2 I 08/1991...06/1994 03/1994...05/1995 02/1993...07/1995 06/1994...12/1997 10/1992...12/1996 08/1989...07/1991	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000	
	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2		
	20,000	23,000 23,021	25,000					M114	Semi	BB 18832	5	029 BS 10527 300
	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050	
	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,500 0,750	FL 18818	1	029 HS 18819 000 050 075	
	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M900	0,000 0,500 0,750	HL 18817	5		
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		
BB 18832												



Ø 81 54

AAT, ABP, AEL R 5 Diesel, 2461 cm³, 85 - 103 kW (115 - 140 PS), 20:1, Turbo, LLK 100 2.5 TDI A6 2.5 TDI 12/1990...06/1994 06/1994...12/1997	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	029 HS 18815 000 025 050
	57,978	63,019				0,079		0,250 0,500			
MC R 5 Benzin, 2226 cm³, 121 kW (165 PS), 7,8:1, 10 Ventile 100 2.2 TURBO 200 2.2 TURBO 08/1986...11/1990 09/1983...12/1991											

Ø 81 55

ABB R 4 Benzin, 1598 cm³, 75 kW (102 PS), 10,3:1 80 1.6 08/1990...10/1991	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250 1,000			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250 0,750			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
53,978	59,019		2,503		0,079		0,250 0,750				
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100	
47,778	50,612				0,052		0,250 0,500 1,000				
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
42,975	46,025		1,77		0,066		Semi				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1		
41,975	45,025		3,27		0,066		0,000				

HL 18066

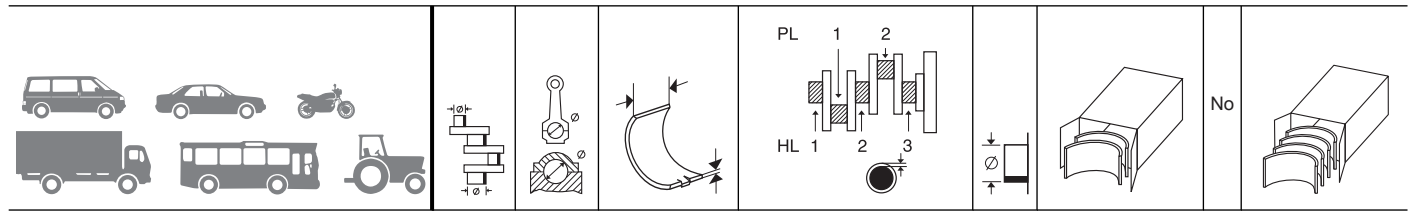
HL 18109

PL 18145

Ø 81 56.1

ABM R 4 Benzin, 1595 cm³, 52 kW (71 PS), 9:1 80 1.6 09/1991...12/1994	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250 1,000			
ADA R 4 Benzin, 1585 cm³, 74 kW (100 PS), 10,5:1 80 1.6 E 06/1993...01/1996	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250 0,750			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250 0,750			
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,778	50,612				0,052		0,250 0,500 1,000			

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

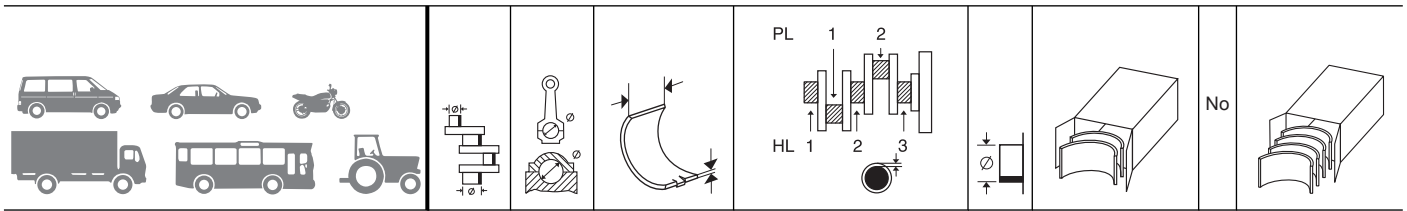
56.2

ABM R 4 Benzin, 1595 cm³, 52 kW (71 PS), 9:1 80 1.6 09/1991...12/1994	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1
	41,975	45,025		3,27		0,066		0,000		
ADA R 4 Benzin, 1585 cm³, 74 kW (100 PS), 10,5:1 80 1.6 E 06/1993...01/1996	HL 18066									
	HL 18109									
	PL 18145									

Ø 81

57

ADP R 4 Benzin, 1595 cm³, 74 kW (101 PS), 10,3:1, 8 Ventile A4 1.6 11/1994...09/2001	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975				1,000			
	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022					
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300
	20,000	23,052		1,80		0,021					
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250			
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100	
47,778	50,612				0,052		0,250				
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
42,975	46,025		1,77		0,066		Semi				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1		
41,975	45,025		3,27		0,066		0,000				
BB 18130											
HL 18066											
HL 18109											
PL 18145											



Ø 81 **58**

ADR, RU R 4 Benzin, 1781 cm³, 55 kW (75 PS), 8,8:1, 20 Ventile 80 1.8 10/1986...01/1990 A4 1.8 01/1995...09/2001 A6 1.8 12/1995...12/1997 CABRIOLET 1.8 I 01/1997...08/2000 SH R 4 Benzin, 1760 cm³, 65 - 66 kW (88 - 90 PS), 9:1, 8 Ventile 100 1.8 02/1986...07/1990 100 1.8 QUATTRO 08/1986...07/1990	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		

HL 18066

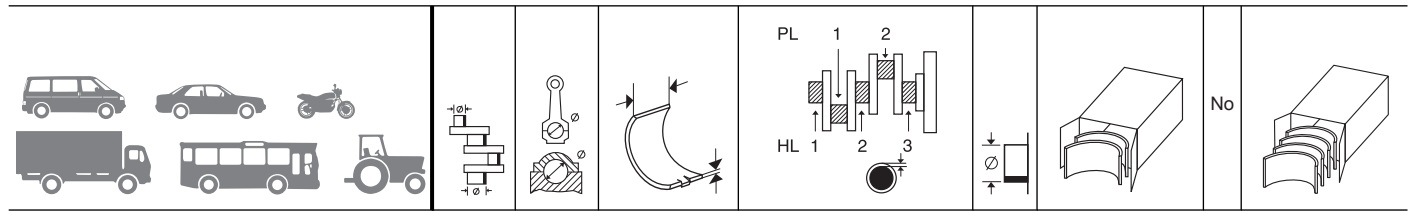
HL 18109

PL 18145

Ø 81 **59.1**

AEB R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, Turbo, LLK, 20 Ventile A4 1.8 T 01/1995...09/2001 A6 1.8 T 01/1997...01/2005	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025

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Ø 81 - Fortsetzung / Continued

59.2

AEB R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, Turbo, LLK, 20 Ventile A4 1.8 T A6 1.8 T 01/1995...09/2001 01/1997...01/2005	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
HL 18066											
HL 18109											

Ø 81

60

AEH, APF R 4 Benzin, 1595 cm³, 74 kW (100 PS), 10,3:1, 8 Ventile A3 I 1.6 I 09/1996...08/2000	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	53,963	59,000	18,300	2,50		0,001	M916	0,000	HL 20559	5	029 HS 20560 000
	53,983	59,010	18,500	2,508		0,047		0,250			025
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050

Ø 81

61

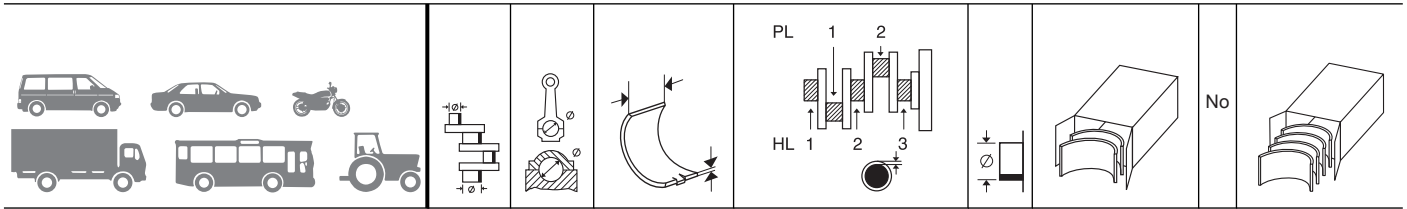
AFY R 4 Benzin, 1781 cm³, 85 kW (115 PS), 10:1, 20 Ventile A4 1.8 A6 1.8 04/1995...09/2001 05/1997...01/2005	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
	47,778	50,612				0,052		0,250			025
								0,500			050
								1,000			100
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
HL 18066											
PL 18145											

Ø 81

62.1

AGN, AJQ R 4 Benzin, 1781 cm³, 92 - 132 kW (125 - 180 PS), 9,5:1, 20 Ventile A3 I 1.8 I A3 I 1.8 T TT 1.8 T 09/1996...05/2003 10/1998...05/2003 10/1998...06/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
									1,000		100	
		59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
		59,750	73,200		1,975							
		53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
		53,978	59,019		2,503		0,079		0,250			025
									0,750			075
		53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
		53,978	59,019		2,503		0,079		0,250			025
									0,750			075
		53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000
	53,978	59,019	25,030	2,503		0,079		0,250			025	
								0,500			050	
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3		
	53,978	59,019		2,503		0,079		0,250			025	
								0,500			050	
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250			025	
								0,500			050	
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
	53,978	59,019		2,503		0,079		0,250			025	

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

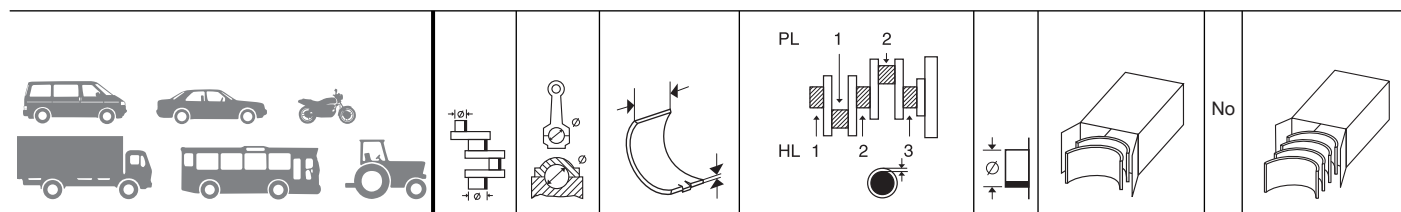
62.2

AGN, AJQ R 4 Benzin, 1781 cm ³ , 92 - 132 kW (125 - 180 PS), 9,5:1, 20 Ventile A3 I 1.8 I 09/1996...05/2003 A3 I 1.8 T 10/1998...05/2003 TT 1.8 T 10/1998...06/2006	53,963	59,000	18,300	2,50			0,001	M916	0,000	HL 20559	5	029 HS 20560 000 025 050
	53,983	59,010	18,500	2,508			0,047		0,250			
	47,758	50,600	19,000	1,393			0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100 <small>01/1986...</small>
	47,778	50,612					0,052		0,250			
	42,959	46,000	15,000	1,70			0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77			0,066	Semi			300	
	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27			0,066	0,000			000	
HL 18066												
HL 18109												
PL 18145												

Ø 81

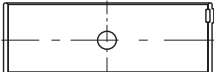
63

AGU, Euro 2 R 4 Benzin, 1781 cm ³ , 110 kW (150 PS), 9,5:1, Turbo, LLK, 20 Ventile A3 I 1.8 T 12/1996...05/2003	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000 025 100	
	59,750	73,200		1,97					0,250				
									1,000				
		59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
		59,750	73,200		1,975								
		53,958	59,000	18,500	2,491	1.2.3.5.		0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
		53,978	59,019		2,503			0,079		0,250			
		53,958	59,000	18,500	2,491	4.		0,016	M183	0,000	HL 18109	1	
		53,978	59,019		2,503			0,079		0,250			
		53,958	59,000	24,910	2,491	3.		0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
		53,978	59,019	25,030	2,503			0,079		0,250			
		53,958	59,000	18,500	2,491	1.2.5.		0,016	M100	0,000	HL 18066	3	
		53,978	59,019		2,503			0,079		0,250			
		53,958	59,000	18,500	2,491	4.		0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503			0,079		0,250				
	53,958	59,000	18,500	2,491	1.-5.		0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025	
	53,978	59,019		2,503			0,079		0,250				
	53,963	59,000	18,300	2,50			0,001	M916	0,000	HL 20559	5	029 HS 20560 000 025 050	
	53,983	59,010	18,500	2,508			0,047		0,250				
	42,959	46,000	15,000	1,70			0,025	M11	0,000	029 LB 18191 000	1		
	42,975	46,025		1,77			0,066	Semi			300		
	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1		
	41,975	45,025		3,27			0,066	0,000			000		
HL 18066													
HL 18109													



Ø 81											64
AHL R 4 Benzin, 1595 cm³, 74 kW (101 PS), 10,3:1, 8 Ventile A4 1.6 11/1994...09/2001	53,500	65,550		2,425			M916	0,000	AL 20865	4	029 AS 20866 000
	53,750	65,800		2,475							
	47,958	53,000	18,250	2,50		0,010	M916	0,000	HL 20863	5	029 HS 20864 000
	47,978	53,010	18,500	2,506		0,052		0,250			025 050
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025 050
	41,965	45,000	18,750	1,499		0,006	M810	0,000	PL 20895	4	029 PS 20896 000
	41,980	45,016	19,000	1,507		0,053		0,250			025 050

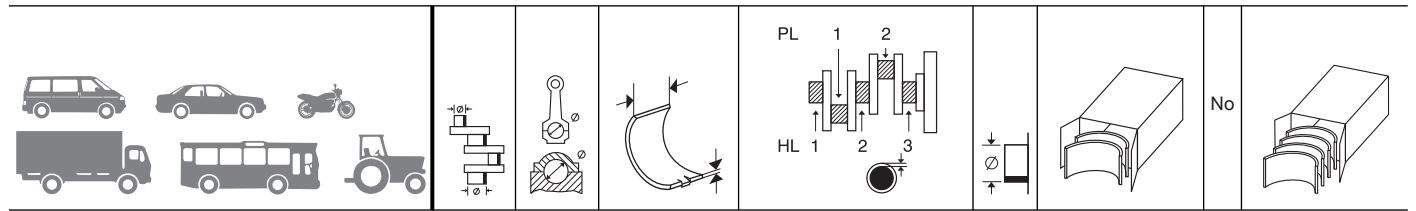
Ø 81											65
AJL R 4 Benzin, 1781 cm³, 132 kW (180 PS), 9,5:1, Turbo, LLK, 20 Ventile A4 1.8 T A6 1.8 T 12/1997...09/2001 12/1997...01/2005	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025 100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							

Ø 81											66
AJP R 4 Benzin, 1781 cm³, 92 kW (125 PS), 10,3:1, 20 Ventile A6 1.8 07/1997...01/2005	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052									
	53,963	59,000	18,300	2,50		0,001	M916	0,000	HL 20559	5	029 HS 20560 000
	53,983	59,010	18,500	2,508		0,047		0,250			025 050
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
	47,778	50,612				0,052		0,250			025 050 100
	PL 18145 										

Ø 81											67
AKL R 4 Benzin, 1595 cm³, 74 kW (100 PS), 10,3:1, 8 Ventile A3 I 1.6 I 09/1996...08/2000	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025 050

Ø 81											68
ALZ, AVU, BFQ, BGU R 4 Benzin, 1598 cm³, 75 kW (102 PS), 10,2:1 - 10,3:1, 8 Ventile A3 I 1.6 I A3 II 1.6 A4 1.6 08/2000...05/2003 05/2003...10/2012 07/2000...06/2008	53,500	65,550		2,425			M916	0,000	AL 20865	4	029 AS 20866 000
	53,750	65,800		2,475							
	47,958	53,000	18,250	2,50		0,010	M916	0,000	HL 20863	5	029 HS 20864 000
	47,978	53,010	18,500	2,506		0,052		0,250			025 050
	41,965	45,000	18,750	1,499		0,006	M810	0,000	PL 20895	4	029 PS 20896 000
	41,980	45,016	19,000	1,507		0,053		0,250			025 050
ANA, BSE, BSF, CCSA R 4 Benzin, 1595 cm³, 74 - 75 kW (100 - 102 PS), 8 Ventile A3 II 1.6 A4 1.6 05/2003...03/2013 11/1994...09/2001											

Ø 81											69
AMB, AMK R 4 Benzin, 1781 cm³, 125 - 154 kW (170 - 209 PS), Hub 86.4mm, Turbo, LLK, 20 Ventile A3 I S3 1.8 A4 1.8 T 03/1999...05/2003 07/2001...10/2005	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,963	59,000	18,300	2,50		0,001	M916	0,000	HL 20559	5	029 HS 20560 000
	53,983	59,010	18,500	2,508		0,047		0,250			025 050



Ø 81											70
ANB, APU, AQA, ARK, ARZ R 4 Benzin, 1781 cm ³ , 110 kW (150 PS), 9,5:1, Turbo, LLK, 20 Ventile A3 I 1.8 T A4 1.8 T A6 1.8 T	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025

Ø 81											71
ANQ R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 20 Ventile A6 1.8	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
	47,778	50,612				0,052		0,250			025
								0,500			050
								1,000			100
PL 18145											

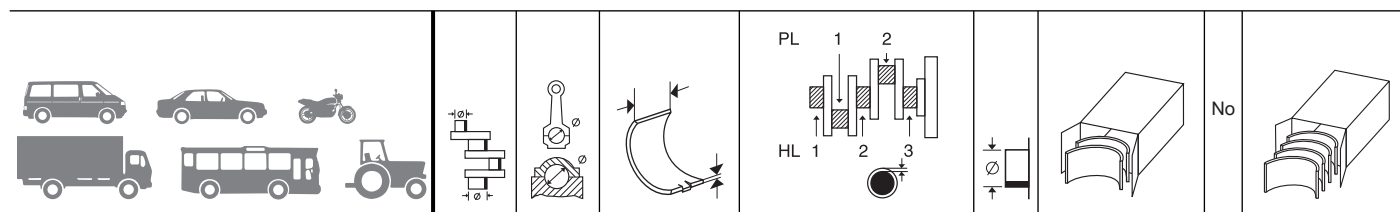
Ø 81											72
APG, APT, ARG, AVV R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 20 Ventile A3 I 1.8 I A4 1.8	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
	47,778	50,612				0,052		0,250			025
								0,500			050
								1,000			100
HL 18066											
PL 18145											

Ø 81											73
APP, APX, APY, AUL, BAM, BFV, MG, MU R 4 Benzin, 1781 cm ³ , 82 - 176 kW (112 - 239 PS), 8,9:1 - 10:1, Turbo, LLK, 20 Ventile A3 I 1.8 T A3 I S3 1.8 TT 1.8 T	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							

Ø 81											74
AQE, ARH R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 20 Ventile A6 1.8	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
	47,778	50,612				0,052		0,250			025
								0,500			050
								1,000			100
PL 18145											

Ø 81											75.1
ARM R 4 Benzin, 1598 cm ³ , 75 kW (100 PS), 10,3:1, 8 Ventile A4 1.6	53,500	65,550		2,425			M916	0,000	AL 20865	4	029 AS 20866 000
	53,750	65,800		2,475							
	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	47,958	53,000	18,250	2,50		0,010	M916	0,000	HL 20863	5	029 HS 20864 000
	47,978	53,010	18,500	2,506		0,052		0,250			025
								0,500			050

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Ø 81 - Fortsetzung / Continued

75.2

ARM R 4 Benzin, 1598 cm³, 75 kW (100 PS), 10,3:1, 8 Ventile A4 1.6 11/1994...09/2001	41,965 41,980	45,000 45,016	18,750 19,000	1,499 1,507		0,006 0,053	M810	0,000 0,250 0,500	PL 20895	4	029 PS 20896 000 025 050
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Ø 81 76

ARX, AUM, AVJ, AWT, BEX, BFB R 4 Benzin, 1781 cm³, 110 - 140 kW (150 - 190 PS), 9,3:1 - 9,5:1, Turbo, LLK, 20 Ventile A3 I 1.8 T 12/1996...05/2003 A4 1.8 T 01/1995...03/2009 A6 1.8 T 01/1997...01/2005 TT 1.8 T 01/2001...06/2006	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050

Ø 81 77

ARY, AUQ, AWP R 4 Benzin, 1781 cm³, 132 kW (180 PS), 9,5:1, Turbo, LLK, 20 Ventile A3 I 1.8 T 10/1998...05/2003 TT 1.8 T 10/1998...06/2006	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050

Ø 81 78

AWL R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, 20 Ventile A6 1.8 T 01/1997...01/2005	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 81 79

AZV, BKD, BLB, BMM, BMN, BNA, BPW, BRD, BRF, BVA, BVF, BVG, CAGA, CAGB, CAHA, CAHB, CBAA, CBAB, CBBB, CFFB, CFGB, CLJA R 4 Diesel, 1968 cm³, 89 - 125 kW (121 - 170 PS), 16 Ventile A3 II 2.0 TDI 05/2003...03/2013 A4 2.0 TDI 11/2004...09/2009 A5 2.0 TDI 08/2008...09/2009 A6 2.0 TDI 07/2004...08/2011 Q3 2.0 TDI 09/2011... Q5 2.0 TDI 11/2008...08/2009 TT 2.0 TDI 06/2008...	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
	50,858 50,878	53,700 53,712	20,100 20,400	1,398 1,403		0,020 0,064	M330	0,000 0,250	PL 19908	4	029 PS 19909 000 025

Ø 81 80

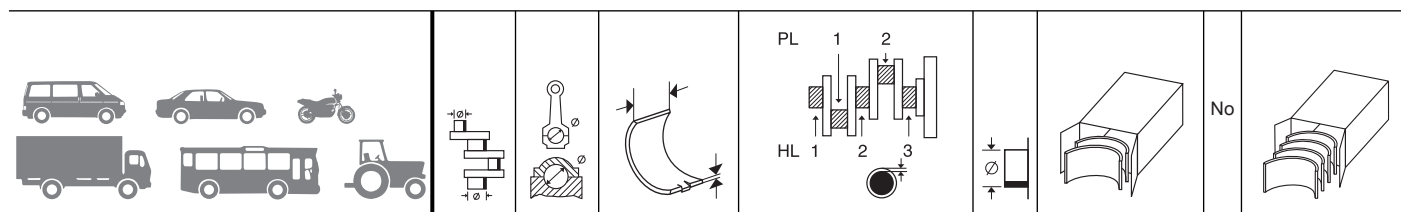
BKB R 4 Benzin, 1781 cm³, 120 kW (163 PS), 20 Ventile	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050
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Ø 81 81

BRC R 4 Diesel, 1968 cm³, 100 kW (136 PS), 18:1, 8 Ventile A4 2.0 TDI 01/2006...03/2009	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000

Ø 81 82

BRE R 4 Diesel, 1968 cm³, 103 kW (140 PS), 19,5:1 A4 2.0 TDI 11/2004...06/2008 A6 2.0 TDI 07/2004...10/2008	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
	50,858 50,878	53,700 53,712	20,100 20,400	1,398 1,403		0,020 0,064	M330	0,000 0,250	PL 19908	4	029 PS 19909 000 025



Ø 81 **83**

BUY, CFHD, CGLA, CGLB, CGLC, GGLD, CJCA, CJCB, CJCC, CMEA, CMFA, CMGA, CMGB	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
R 4 Diesel, 1968 cm³, 88 - 130 kW (120 - 177 PS), Turbo, LLK	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
A1 2.0 TDI 09/2011...											
A3 II 2.0 TDI 06/2006...06/2008											
A4 2.0 TDI 11/2007...11/2011											
A5 2.0 TDI 08/2008...01/2012											
A6 2.0 TDI 03/2011...05/2011											
Q5 2.0 TDI 11/2008...06/2012											

Ø 81 **84**

CAGC	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
R 4 Diesel, 1968 cm³, 88 kW (120 PS), 16,5:1, 16 Ventile	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
A4 2.0 TDI 06/2008...											

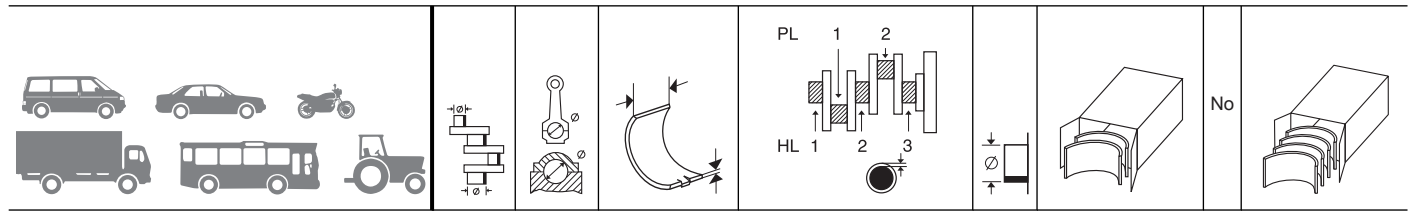
Ø 81 **85**

CFFA, CFGC, CFHB, CLLB	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
R 4 Diesel, 1968 cm³, 100 - 130 kW (136 - 177 PS), 16 Ventile											
A1 2.0 TDI 05/2012...											
A3 II 2.0 TDI 05/2003...03/2013											
Q3 2.0 TDI 06/2011...05/2013											

Ø 81 **86.1**

DS, DZ, JN, JV	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
R 4 Benzin, 1781 cm³, 66 - 82 kW (90 - 112 PS), 9:1 - 10:1, 8 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
100 1.8 08/1983...07/1989											
80 1.8 01/1983...08/1986											
80 1.8 CC 08/1983...08/1986											
80 1.8 E 06/1986...08/1991	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
80 1.8 GTE 08/1984...08/1986											
80 1.8 S 09/1986...10/1991											
COUPE 1.8 01/1985...07/1991	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
COUPE 1.8 GT 09/1982...10/1988											
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100 <small>01/1986...</small>
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

86.2

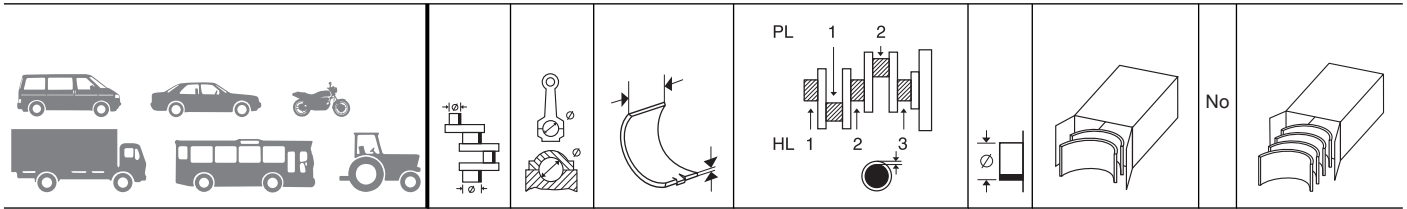
DS, DZ, JN, JV R 4 Benzin, 1781 cm³, 66 - 82 kW (90 - 112 PS), 9:1 - 10:1, 8 Ventile 100 1.8 80 1.8 80 1.8 CC 80 1.8 E 80 1.8 GTE 80 1.8 S COUPE 1.8 COUPE 1.8 GT	08/1983...07/1989	HL 18066			41,959 41,975	45,000 45,025	15,000	1,70 3,27	0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1
	01/1983...08/1986	HL 18109											
	08/1983...08/1986	PL 18145											
	06/1986...08/1991	PL 19903											
	08/1984...08/1986												

Ø 81

87.1

DT R 4 Benzin, 1595 cm³, 55 kW (75 PS), 9:1, 8 Ventile 80 1.6	08/1978...07/1986									M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
		59,000 59,750	72,920 73,200		1,93 1,97					M157	0,000	AL 20557	4	029 AS 20558 000
		21,996 22,000	25,000 25,033	25,000	1,70 1,77			0,012 0,022	M100	Semi		BB 18082	4	029 BS 18083 300
		19,997 20,000	23,000 23,052	25,000	1,70 1,80			0,012 0,021	M100	Semi		BB 18130	4	029 BS 18131 300
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.		0,016 0,079	M100	0,000 0,250 0,750		HL 18066	4	029 HS 18067 000 025 075
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.		0,016 0,079	M183	0,000 0,250 0,750		HL 18109	1	
		53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.		0,016 0,079	M100	0,000 0,250 0,500		FL 18110	1	029 HS 18071 000 025 050
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.		0,016 0,079	M100	0,000 0,250 0,500		HL 18066	3	
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.		0,016 0,079	M183	0,000 0,250 0,500		HL 18109	1	
		47,763 47,778	50,600 50,612	18,500	1,406			0,020 0,062	M114	0,000 0,250 0,500 0,750		PL 10080	4	029 PS 10224 000 025 050 075
		45,958 45,978	49,000 49,012	19,000	1,506			0,010 0,062	M780	0,000 0,250 0,500		PL 10351	4	034 PS 18670 000 025 050
		42,959 42,975	46,000 46,025	15,000	1,70 1,77			0,025 0,066	M11	0,000 Semi		029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

87.2

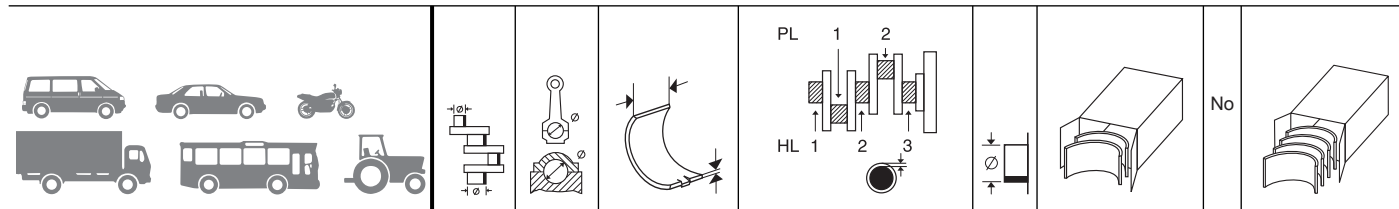
DT R 4 Benzin, 1595 cm ³ , 55 kW (75 PS), 9:1, 8 Ventile 80 1.6 08/1978...07/1986	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
BB 18130											
HL 18066											
HL 18109											
PL 10080											
PL 10351											

Ø 81

88.1

HX R 5 Benzin, 2226 cm ³ , 101 kW (138 PS), 10:1, 10 Ventile 100 2.2 KAT 06/1989...11/1990	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000	
	63,500	77,200		1,92			M157	0,000	AL 18821	2		
	19,997	23,000	25,000	1,70			M100	Semi	BB 18130	5	029 BS 18689 300	
	20,000	23,052		1,80								
	57,958	63,000	18,500	2,502	1.-6.		M900	0,000	HL 18817	6	029 HS 18815 000	
	57,978	63,019						0,250				025
								0,500				050
47,758	50,600	19,000	1,393			M215	0,000	PL 18145	5	029 PS 18723 000		
47,778	50,612						0,250				025	
							0,500				050	
							0,750				075	
							1,000				100	
											01/1986...	
47,758	50,600	18,700	1,395			M114	0,000	PL 19903	5	029 PS 19904 000		
47,778	50,619	19,000	1,406				0,250				025	
							0,500				050	
							0,750				075	
42,959	46,000	15,000	1,70			M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77				Semi	300				

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

88.2

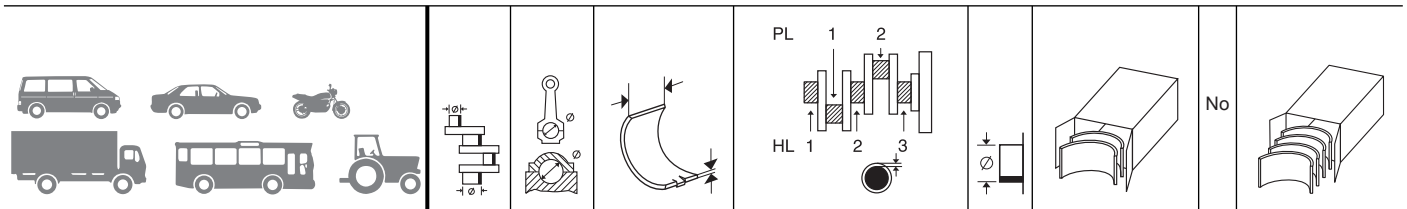
HX R 5 Benzin, 2226 cm ³ , 101 kW (138 PS), 10:1, 10 Ventile 100 2.2 KAT 06/1989...11/1990	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27		0,066		0,000	000	
BB 18130 										
PL 18145 										
PL 19903 										

Ø 81

89.1

HY R 5 Benzin, 2226 cm ³ , 100 kW (136 PS), 9,3:1, 10 Ventile 90 2.2 COUPE 2.2 GT QUATTRO 2.2 10/1984...03/1987 09/1984...10/1988 12/1984...07/1987	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92			M157	0,000	AL 18821	2	
	20,000	23,000	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	5	029 BS 18689 300
	20,000	23,052		1,80		0,021					
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	029 HS 18815 000 025 050
	57,978	63,019				0,079		0,250			
	57,958	63,000	24,860	2,491	3.	0,016	M114	0,000	FL 18818	1	029 HS 18819 000 050 075
57,978	63,019	24,910	2,503		0,079		0,500				
57,958	63,000	18,500	2,502	1.2.4.5.6.	0,016	M900	0,000	HL 18817	5	029 PS 18723 000 025 050 075 100	
57,978	63,019				0,079		0,500				
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	5		
47,778	50,612				0,052		0,250				

Fortsetzung nächste Seite / Continued on next page

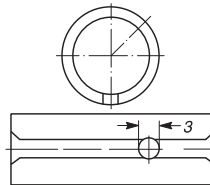


Ø 81 - Fortsetzung / Continued

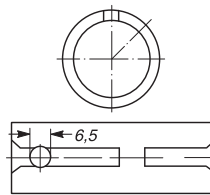
89.2

HY R 5 Benzin, 2226 cm ³ , 100 kW (136 PS), 9,3:1, 10 Ventile 90 2.2 COUPE 2.2 GT QUATTRO 2.2	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	5	029 PS 19904 000 025 050 075
	47,778	50,619	19,000	1,406		0,067		0,250			
								0,500			
								0,750			
10/1984...03/1987 09/1984...10/1988 12/1984...07/1987											

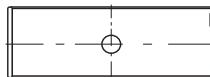
BB 18832



BB 18130



PL 18145



PL 19903

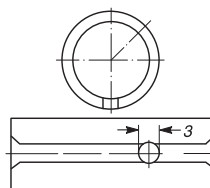


Ø 81

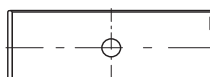
90

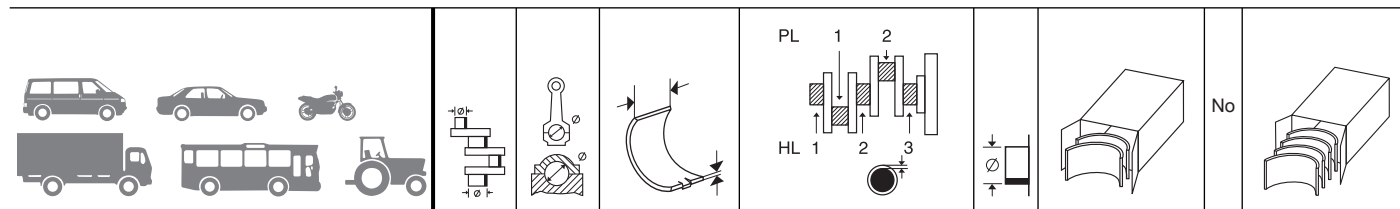
JS, KP, PS R 5 Benzin, 1994 cm ³ , 85 kW (115 PS), 9,3:1 - 10:1, 10 Ventile 100 2.0 80 2.0 90 2.0 COUPE 2.0	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000 025 050
	63,500	77,200		1,92			M157	0,000	AL 18821	2	
08/1984...12/1987 10/1983...09/1984 08/1984...09/1990 09/1983...07/1986											
JT, MB R 5 Benzin, 2226 cm ³ , 89 - 147 kW (121 - 200 PS), 8,5:1 - 8,6:1, Hub 86.4mm, 10 Ventile 90 2.2 COUPE 2.2 QUATTRO 2.2 QUATTRO 2.2 T	20,000	23,000	25,000				M114	Semi	BB 18832	5	029 BS 10527 300 025 050 075
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	
	57,978	63,019				0,079		0,250			
	57,978	63,019	24,860	2,491	3.	0,016	M114	0,000	FL 18818	1	
08/1985...03/1987 08/1985...10/1988 12/1984...07/1987 08/1987...07/1989											
SK R 5 Benzin, 1993 cm ³ , 83 kW (113 PS), 10:1, 10 Ventile 90 2.0 COUPE 2.0	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	5	029 PS 18723 000 025 050 075 100
	47,778	50,612				0,052		0,250			
								0,500			
								0,750			
								1,000			
03/1986...03/1987 03/1986...04/1988											
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1	
	42,975	46,025		1,77		0,066		Semi			
	41,959	45,000	15,000	1,70		0,025	M11	Semi			
	41,975	45,025		3,27		0,066		0,000	029 LB 18192 300 000	1	

BB 18832



PL 18145



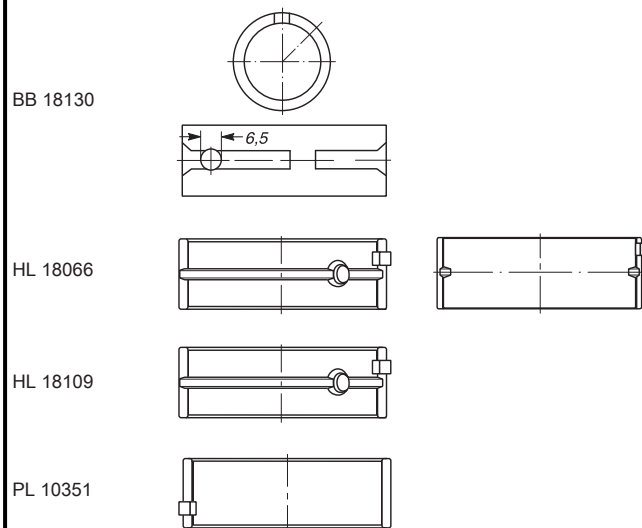


Ø 81

91

JU
R 4 Benzin, 1595 cm³, 55 kW (75 PS), 9,1:1,
8 Ventile

59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
21,996 22,000	25,000 25,033	25,000	1,70 1,77		0,012 0,022	M100	Semi	BB 18082	4	029 BS 18083 300
19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	4	029 BS 18131 300
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
45,958 45,978	49,000 49,012	19,000	1,506		0,010 0,062	M780	0,000 0,250 0,500	PL 10351	4	034 PS 18670 000 025 050
42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	



Ø 81

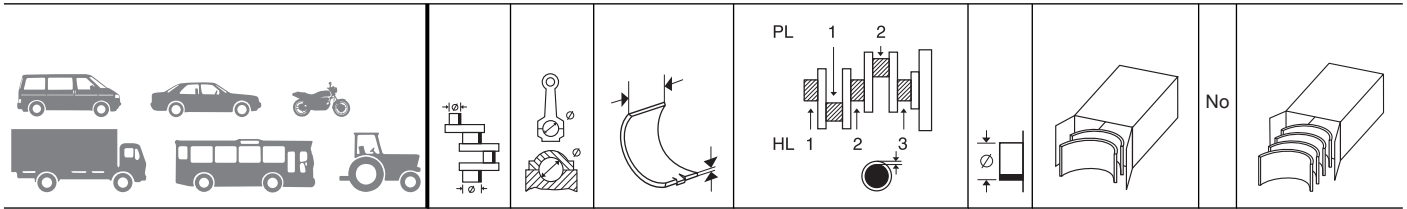
92.1

KU, KZ
R 5 Benzin, 2226 cm³, 85 - 103 kW
(115 - 140 PS), 10:1, 10 Ventile
100 2.2
200 2.2

08/1984...11/1990
08/1984...07/1985

63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	5	029 BS 18689 300
57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050

Fortsetzung nächste Seite / Continued on next page

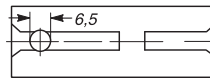
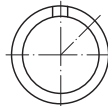


Ø 81 - Fortsetzung / Continued

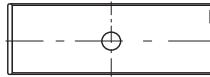
92.2

KU, KZ R 5 Benzin, 2226 cm ³ , 85 - 103 kW (115 - 140 PS), 10:1, 10 Ventile 100 2.2 200 2.2 08/1984...11/1990 08/1984...07/1985	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	5	029 PS 18723 000 025 050 075 100 <small>01/1986...</small>
	47,778	50,612				0,052		0,250			
								0,500			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		

BB 18130



PL 18145

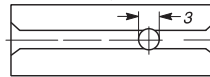
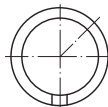


Ø 81

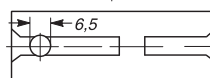
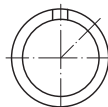
93

KV, KX R 5 Benzin, 2226 cm ³ , 85 kW (115 PS), 8,5:1, Hub 86.4mm, 10 Ventile 90 2.2 90 2.2 E COUPE 2.2 COUPE 2.2 GT QUATTRO 2.2 10/1984...03/1987 11/1984...09/1991 07/1981...07/1991 09/1984...10/1988 12/1984...07/1987	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000	
				1,97								
		63,500	77,200		1,92			M157	0,000	AL 18821	2	
					1,97							
		20,000	23,000	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
			23,021									
		19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	5	029 BS 18689 300
		20,000	23,052		1,80		0,021					
		57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	029 HS 18815 000 025 050
		57,978	63,019				0,079		0,250			
									0,500			
		57,958	63,000	24,860	2,491	3.	0,016	M114	0,000	FL 18818	1	029 HS 18819 000 050 075
	57,978	63,019	24,910	2,503		0,079		0,500				
								0,750				
	57,958	63,000	18,500	2,502	1.2.4.5.6.	0,016	M900	0,000	HL 18817	5		
	57,978	63,019				0,079		0,500				
								0,750				
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	5	029 PS 18723 000 025 050 075 100	
	47,778	50,612				0,052		0,250				
								0,500				

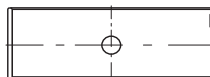
BB 18832

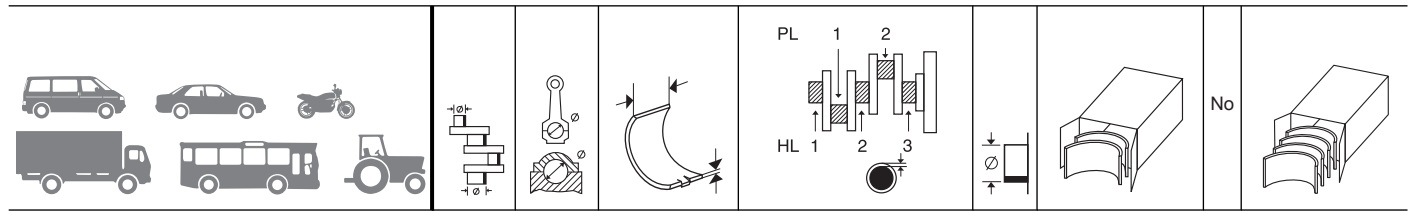


BB 18130



PL 18145

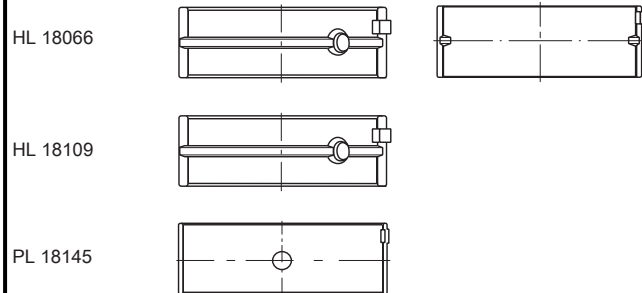




Ø 81

94

NE R 4 Benzin, 1781 cm³, 66 kW (90 PS), 10:1, 8 Ventile 80 1.8 CC 80 1.8 S COUPE 1.8 GT 08/1984...08/1986 09/1986...10/1991 09/1985...10/1988	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100 <small>01/1986...</small>
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	



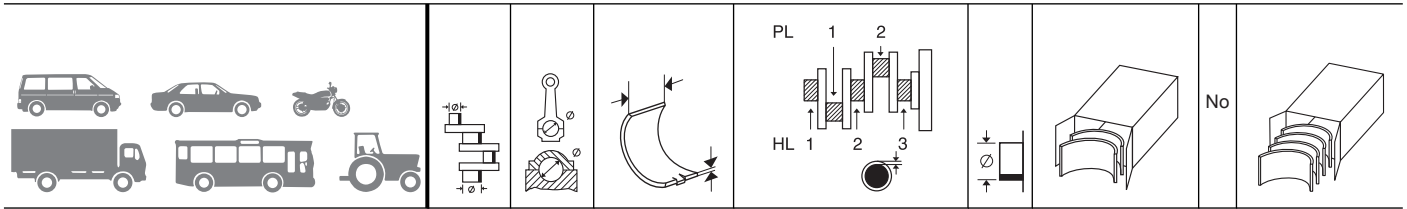
Ø 81

95.1

PP R 4 Benzin, 1595 cm³, 51 kW (70 PS), 9:1, 8 Ventile 80 1.6 08/1987...09/1991	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	21,996 22,000	25,000 25,033	25,000	1,70 1,77		0,012 0,022	M100	Semi	BB 18082	4	029 BS 18083 300
	19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	4	029 BS 18131 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	

Fortsetzung nächste Seite / Continued on next page

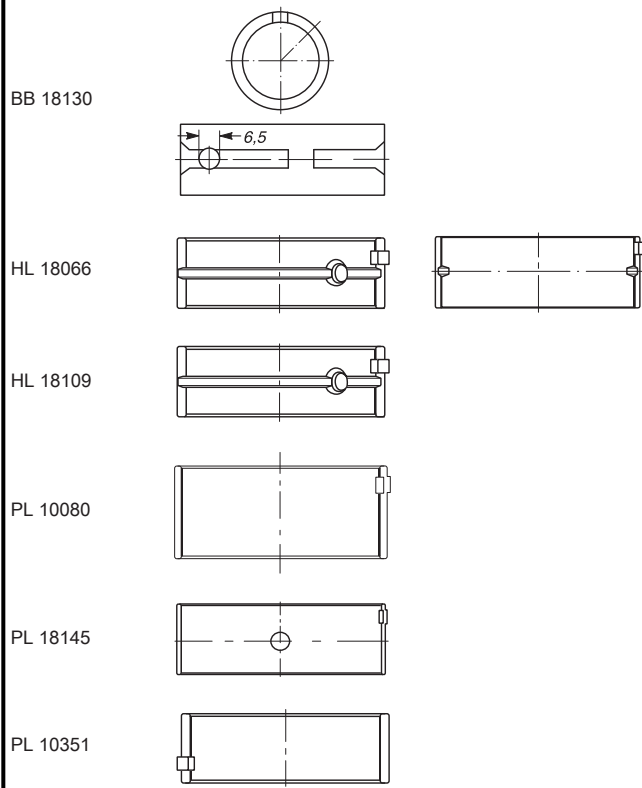
Fußnotenverzeichnis: siehe Umschlag / Index of footnotes: see cover / Index des notes de bas de page : voir au verso /
 Índice de notas al pie: véase al dorso / Indice delle note a piè di pagina: vedi copertina / Wykaz przypisów: patrz obwoluta / Список сносок: см. обложку /
 Dipnot dizini: bkz. kapak / انظر الغلاف: فهرس الهوامش



Ø 81 - Fortsetzung / Continued

95.2

PP R 4 Benzin, 1595 cm ³ , 51 kW (70 PS), 9:1, 8 Ventile 80 1.6 08/1987...09/1991	47,763	50,600	18,500	1,406		0,020	M114	0,000	PL 10080	4	029 PS 10224 000	
	47,778	50,612				0,062		0,250			025	
								0,500			050	
								0,750				075
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000	
	47,778	50,612				0,052		0,250			025	
								0,500			050	
								1,000			100	
	45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000	
	45,978	49,012				0,062		0,250			025	
								0,500			050	
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
	42,975	46,025		1,77		0,066		Semi			300	
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
	41,975	45,025		3,27		0,066		0,000			000	

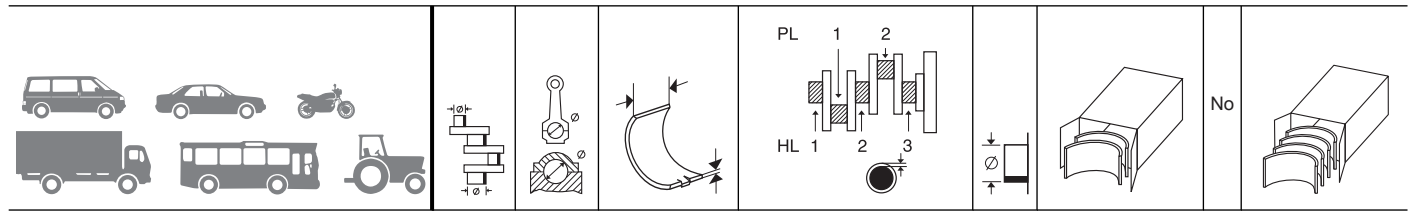


Ø 81

96.1

PX R 5 Benzin, 2226 cm ³ , 88 kW (120 PS), 8,5:1, 10 Ventile 100 2.2 E 08/1985...07/1986	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	5	029 BS 18689 300
	20,000	23,052		1,80		0,021					
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	029 HS 18815 000
	57,978	63,019				0,079		0,250			025
								0,500			050

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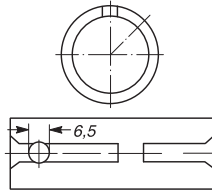


Ø 81 - Fortsetzung / Continued

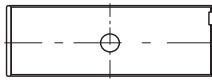
96.2

PX R 5 Benzin, 2226 cm³, 88 kW (120 PS), 8,5:1, 10 Ventile 100 2.2 E 08/1985...07/1986	47,758	50,600	19,000	1,393			0,010	M215	0,000	PL 18145	5	029 PS 18723 000 025 050 075 100
	47,778	50,612					0,052		0,250			
									0,500			
									0,750			
									1,000			

BB 18130



PL 18145

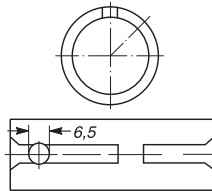


Ø 81

97

SF R 4 Benzin, 1781 cm³, 64 kW (87 PS), 10:1, 8 Ventile 80 1.8 80 1.8 S COUPE 1.8 02/1986...07/1986 09/1986...12/1990 04/1986...10/1988	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000 029 BS 18131 300 029 HS 18067 000 025 075 029 PS 18146 000 025 050 100 029 LB 18192 300 000
	59,750	73,200		1,975								
	19,997	23,000	25,000	1,70			0,012	M100	Semi	BB 18130	4	
	20,000	23,052		1,80			0,021					
	53,958	59,000	18,500	2,491	1.2.3.5.		0,016	M100	0,000	HL 18066	4	
	53,978	59,019		2,503			0,079		0,250			
							0,750					
53,958	59,000	18,500	2,491	4.		0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503			0,079		0,250				
						0,750						
47,758	50,600	19,000	1,393			0,010	M215	0,000	PL 18145	4		
47,778	50,612					0,052		0,250				
								0,500				
								1,000				
41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27			0,066		0,000	000			

BB 18130



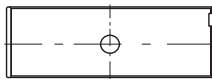
HL 18066



HL 18109



PL 18145

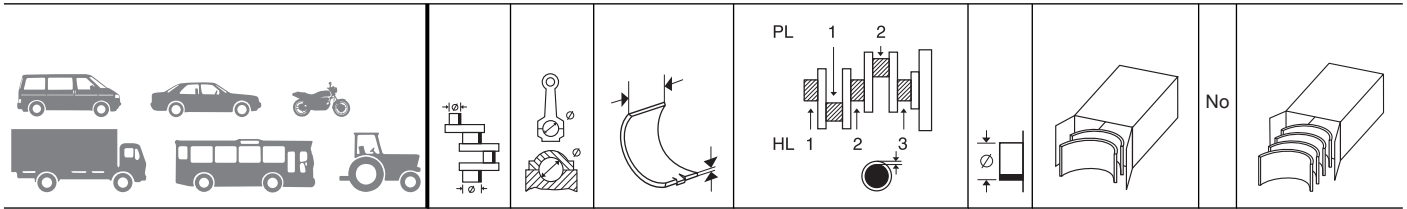


Ø 82,5

98.1

3A R 5 Benzin, 1984 cm³, 83 kW (113 PS), 10,5:1 80 2.0 80 2.0 E COUPE 2.0 10/1990...08/1991 08/1988...10/1990 05/1989...07/1990	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000 029 BS 10527 300
	59,750	73,200		1,975								
	20,000	23,000	25,000					M114	Semi	BB 18832	5	
	23,021											

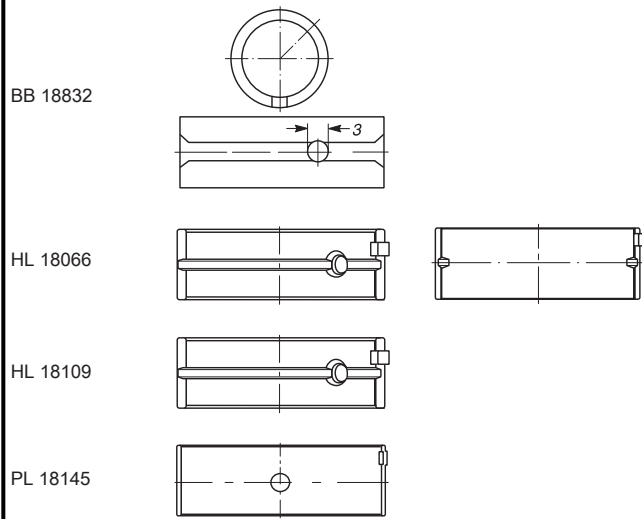
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Ø 82,5 - Fortsetzung / Continued

98.2

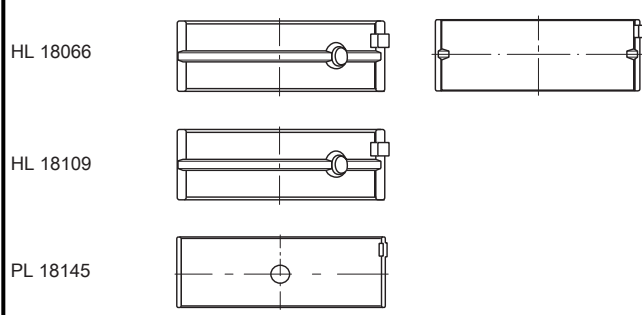
3A R 5 Benzin, 1984 cm ³ , 83 kW (113 PS), 10,5:1 80 2.0 10/1990...08/1991 80 2.0 E 08/1988...10/1990 COUPE 2.0 05/1989...07/1990	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

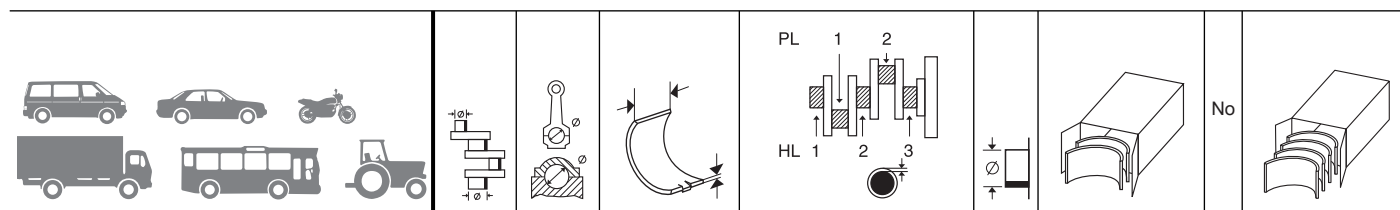


Ø 82,5

99

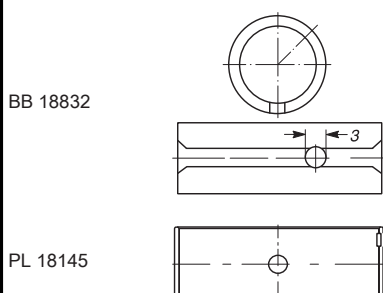
6A R 4 Benzin, 1984 cm ³ , 101 kW (137 PS), 10,8:1, 16 Ventile 80 2.0 E 03/1990...07/1992 90 2.0 08/1989...07/1990 COUPE 2.0 I 01/1992...07/1992	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	





Ø 82,5 100

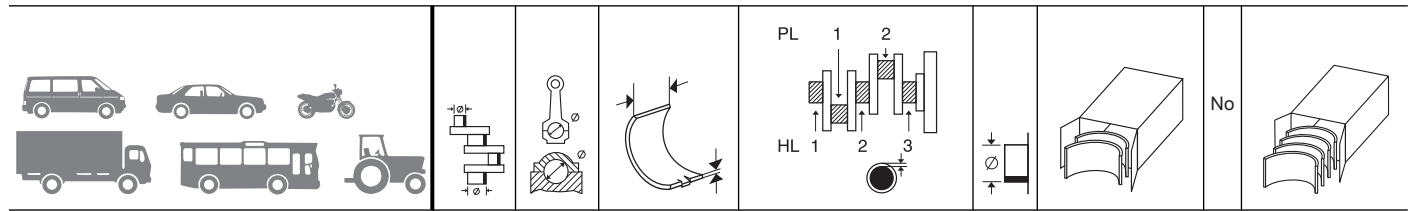
7A, AAR, NF, NG R 5 Benzin, 2309 cm³, 98 - 125 kW (133 - 170 PS), 10:1, 20 Ventile 100 2.3 08/1986...11/1990 100 2.3 E 08/1986...06/1994 200 2.3 11/1986...09/1991 80 2.3 E 10/1987...01/1996 90 2.3 E 04/1987...09/1991 A6 2.3 06/1994...12/1995 CABRIOLET 2.3 I 05/1991...07/1994 COUPE 2.3 01/1987...12/1996 COUPE 2.3 I 11/1988...12/1992	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
	20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,500 0,750	FL 18818	1	029 HS 18819 000 050 075
	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M900	0,000 0,500 0,750	HL 18817	5	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 0,750 1,000	PL 18145	5	029 PS 18723 000 025 050 075 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	



Ø 82,5 101.1



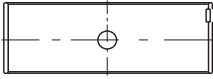
AAD, AAE, ABK, ACE R 4 Benzin, 1984 cm³, 74 - 103 kW (100 - 140 PS), 9,2:1 - 10,8:1 100 2.0 E 12/1990...06/1994 80 2.0 10/1990...08/1991 80 2.0 E 09/1991...01/1996 A6 2.0 06/1994...12/1997 CABRIOLET 2.0 I 01/1993...07/1998 COUPE 2.0 08/1992...12/1996 COUPE 2.0 I 05/1989...12/1996	59,500	72,920		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,500	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page





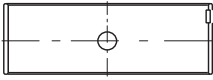
Ø 82,5 - Fortsetzung / Continued

101.2

AAD, AAE, ABK, ACE R 4 Benzin, 1984 cm³, 74 - 103 kW (100 - 140 PS), 9,2:1 - 10,8:1 100 2.0 E 80 2.0 80 2.0 E A6 2.0 CABRIOLET 2.0 I COUPE 2.0 COUPE 2.0 I	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27			0,066		0,000	000		
12/1990...06/1994	HL 18066 											
10/1990...08/1991	HL 18109 											
09/1991...01/1996	PL 18145 											
06/1994...12/1997												
01/1993...07/1998												
08/1992...12/1996												
05/1989...12/1996												

Ø 82,5

102

ABT, ADW R 4 Benzin, 1984 cm³, 66 - 79 kW (90 - 107 PS), 8,9:1 - 9:1 80 2.0	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97					0,250			025
09/1991...07/1996	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975					1,000			100
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	0,250	HL 18066	4	029 HS 18067 000
	53,978	59,019		2,503		0,079		0,750				025
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	0,250	HL 18109	1	075
	53,978	59,019		2,503		0,079		0,750				
	47,758	50,600	19,000	1,393		0,010	M215	0,000	0,250	PL 18145	4	029 PS 18146 000
	47,778	50,612				0,052		0,500	1,000			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	0,000	029 LB 18192 300	1	000
	41,975	45,025		3,27		0,066						
	HL 18066 											
	HL 18109 											
	PL 18145 											

Ø 82,5

103

ALT R 4 Benzin, 1984 cm³, 95 kW (129 PS), 10,3:1, 20 Ventile A4 2.0 A6 2.0	59,500	71,550		2,425				M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475								
11/2000...06/2008	53,963	59,000	18,300	2,50		0,001	M916	0,000	0,250	HL 20559	5	029 HS 20560 000
08/2001...01/2005	53,983	59,010	18,500	2,508		0,047		0,500				025
	47,758	50,600	18,750	1,40		0,010	M920	0,000	0,250	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,500				025
												050

Ø 82,5

104

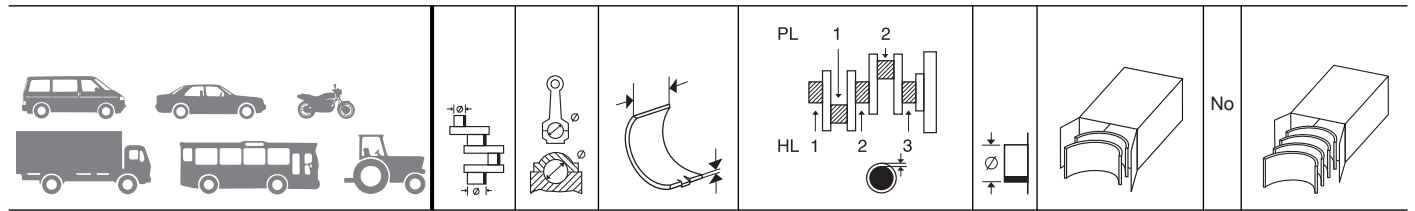
AWA, AXW, BLR, BLX, BLY, BMB, BVY, BVZ R 4 Benzin, 1984 cm³, 110 kW (150 PS), 11,5:1, 16 Ventile A3 II 2.0 FSI A4 2.0 FSI	59,500	71,550		2,425				M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475								
05/2003...10/2012	47,758	50,600	18,750	1,40		0,010	M920	0,000	0,250	PL 20033	4	029 PS 20034 000
07/2002...12/2004	47,778	50,612	19,000	1,406		0,054		0,250	0,500			025
												050

Ø 82,5

105.1

AXA R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,3:1	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975								

Fortsetzung nächste Seite / Continued on next page



Ø 82,5 - Fortsetzung / Continued

105.2

AXA R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,3:1	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050
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Ø 82,5

106

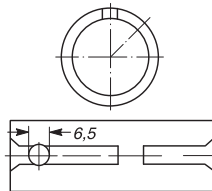
AXX, BPY, BWA R 4 Benzin, 1998 cm³, 147 kW (200 PS), 10,5:1, Hub 92.8mm, Turbo, 16 Ventile A3 II 2.0 TFSI 09/2004...10/2012 TT 2.0 TFSI 08/2006...06/2010	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
BPG, BPJ, BWE, BWT, BYK, CDLC, CDMA R 4 Benzin, 1984 cm³, 125 - 195 kW (170 - 265 PS), 16 Ventile A3 II S3 2.0 02/2007...10/2012 A4 2.0 TFSI 11/2004...03/2009 A6 2.0 TFSI 06/2005...08/2011 TT 2.0 QUATTRO 05/2008...											

Ø 82,5

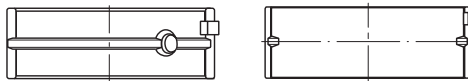
107

SD R 4 Benzin, 1847 cm³, 83 kW (113 PS), 10,5:1, Hub 86.4mm, 8 Ventile 80 1.8 09/1986...08/1990	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	4	029 BS 18131 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

BB 18130



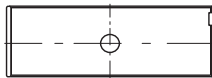
HL 18066



HL 18109



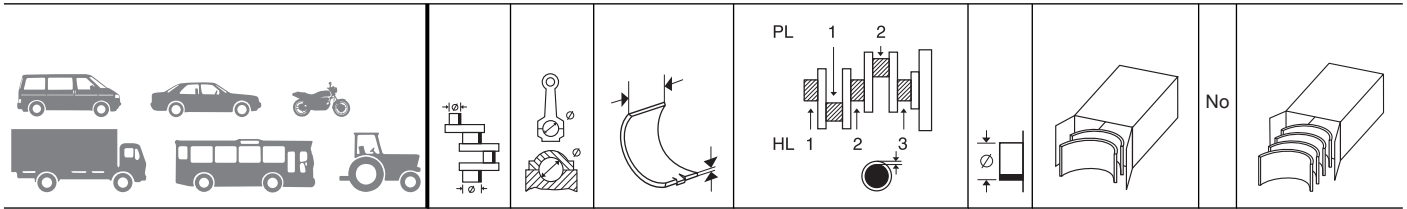
PL 18145



Ø 84

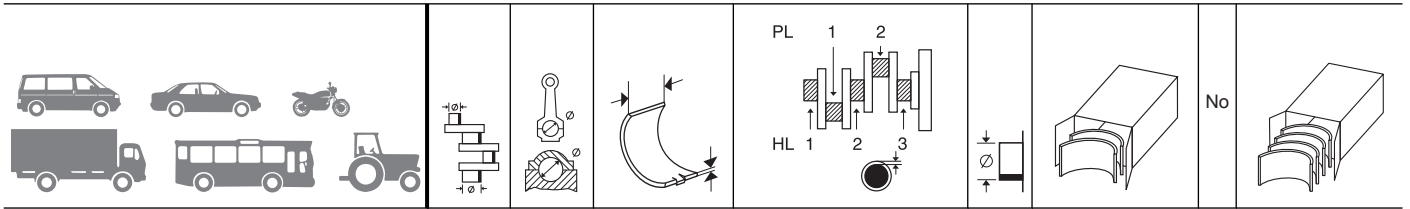
108

BDB, BHE, BMJ, BPF VR 6 Benzin, 3189 cm³, 184 kW (250 PS), 24 Ventile A3 II 3.2 V6 07/2003...05/2009 TT 3.2 VR6 07/2003...06/2006	59,958 59,978	65,000 65,010	16,750 17,000	2,493 2,501		0,020 0,066	M810	0,000 0,250 0,500	HL 20843	7	029 HS 20844 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	



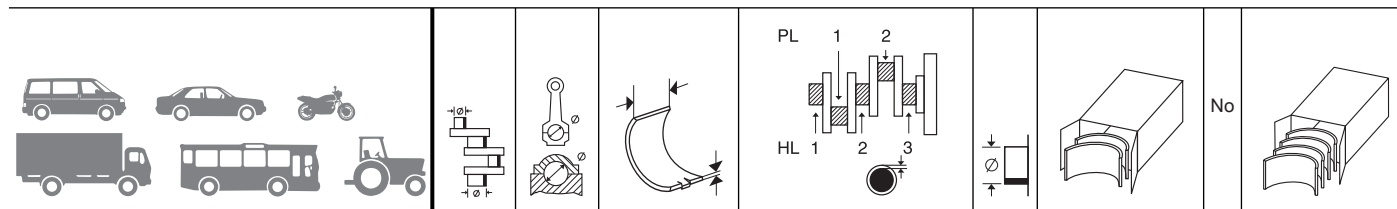
Ø 84 109

BUB V 6 Benzin, 3189 cm ³ , 184 kW (250 PS), 11,3:1, 24 Ventile A3 II 3.2 V6 TT 3.2 V6 07/2003...05/2009 08/2006...06/2010	65,450	79,760		1,673			M157	0,000	AL 20847	2	029 AS 20848 000
	65,690	80,000		1,723							
	59,958	65,000	16,750	2,493		0,020	M810	0,000	HL 20843	7	029 HS 20844 000
	59,978	65,010	17,000	2,501		0,066		0,250			025
	53,958	56,800	16,750	1,396		0,014	M810	0,000	PL 20851	6	029 PS 20852 000
	53,978	56,819	17,000	1,404		0,069		0,250			025
								0,500			050
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066	Semi				300




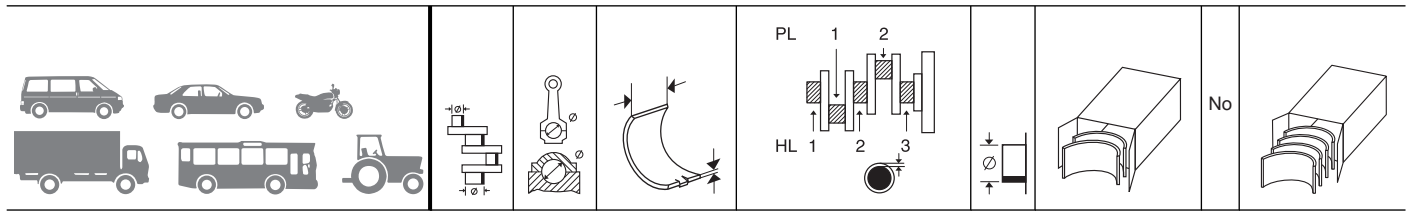
AUSTIN

Ø 64,6										1	
99 H R 4 Benzin, 999 cm ³ , 29 - 33 kW (39 - 45 PS), 8 Ventile	49,910	71,760		2,311			M250	0,000	AL 20553	4	025 AS 20554 000
	50,160	72,010		2,362							
	41,285	44,971	22,100	1,815		0,025	M900	0,000	PL 20463	4	025 PS 20464 200
	41,298	44,983	22,350	1,824		0,068		0,254			210
								0,508			220



AUTOBIANCHI

											1
Ø 65											1
112 A .000, A112A 5.000 R 4 Benzin, 903 cm³, 29 - 35 kW (39 - 48 PS), 9:1, 8 Ventile											007 PS 20524 200 210
39,988	43,657	16,550	1,81		0,023	M157	0,000	PL 20523	4		210
40,008	43,670				0,068		0,254				
Ø 67,2											2
A112B1.000, .054 R 4 Benzin, 965 cm³, 30 - 36 kW (40 - 48 PS), 9,2:1, 8 Ventile											007 PS 20524 200 210
39,988	43,657	16,550	1,81		0,023	M157	0,000	PL 20523	4		210
40,008	43,670				0,068		0,254				
Ø 70											3
156 A2.000, .246, 156 A3.000 R 4 Benzin, 999 cm³, 32 - 37 kW (44 - 50 PS), 9,5:1 - 9,8:1, 8 Ventile											007 HS 20458 200 210
43,980	47,705	18,750	1,836		0,017	M157	0,000	HL 20457	5		210
44,000	47,718	19,000	1,844		0,066		0,254				
37,988	41,128	18,750	1,541		0,022	M157	0,000	PL 20459	4		200
38,008	41,140	19,000	1,549		0,070		0,254				210
156C.000, 156 C.046 R 4 Benzin, 1108 cm³, 42 kW (57 PS), 8 Ventile											007 PS 20460 200 210 220
PL 20459 											



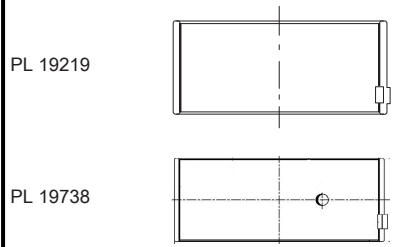
BEDFORD

Ø 65,5 1

FA10A R 4 Benzin, 970 cm³, 34 kW (46 PS), 8 Ventile RASCAL 1.0 07/1986...06/1990	49,985 50,000	53,988 54,008	20,000	1,986		0,016 0,067	M157	0,000	HL 19826	5	643 HS 19827 000
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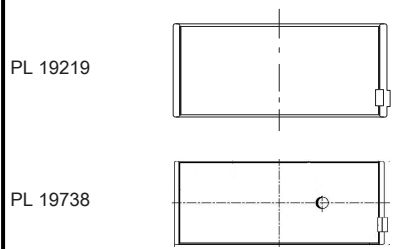
Ø 75 2

13 N, 13 NB, 13 S R 4 Benzin, 1297 cm³, 34 - 55 kW (46 - 75 PS), 8 Ventile	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	



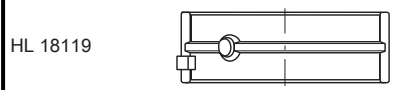
Ø 77,6 3

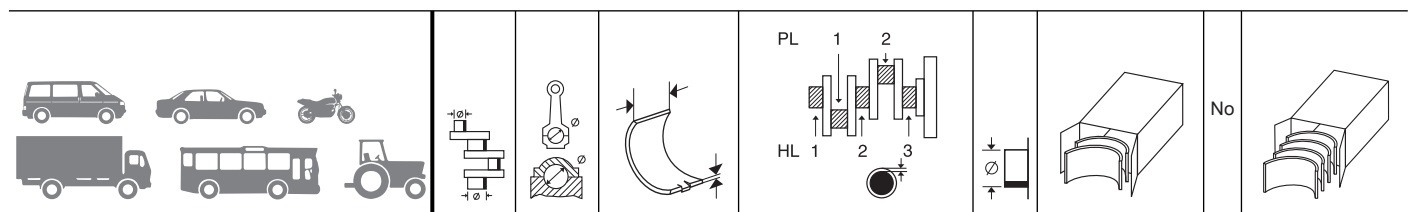
14 NV R 4 Benzin, 1389 cm³, 44 - 55 kW (60 - 74 PS), 9,4:1, 8 Ventile	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	



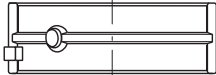
Ø 79 4

16 SV R 4 Benzin, 1598 cm³, 60 - 66 kW (82 - 90 PS), 10:1, 8 Ventile	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250 0,500	PL 18121	4	011 PS 18122 000 025 050
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250	PL 18727	4	






Ø 80 **5**

16 D R 4 Diesel, 1598 cm³, 39 - 40 kW (53 - 54 PS), 23:1, Hub 79.5mm, 8 Ventile	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250	PL 18727	4	
HL 18119 											

Ø 80 **6**

16 DA R 4 Diesel, 1598 cm³, 40 - 42 kW (54 - 57 PS), 23:1, 8 Ventile	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250	PL 18727	4	
HL 18119 											

Ø 88 **7**

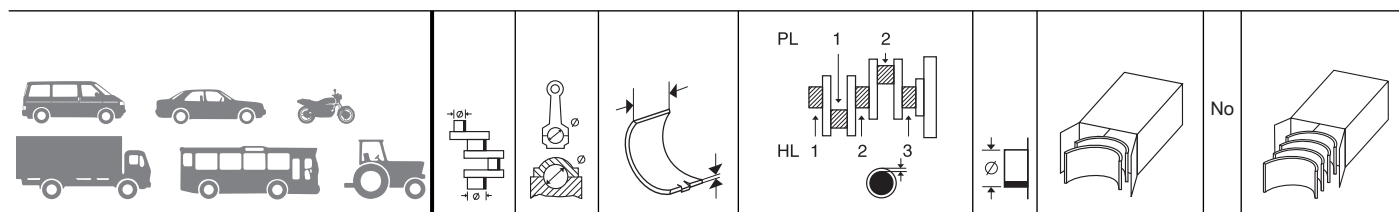
21D R 4 Diesel, 2068 cm³, 44 kW (60 PS), 22:1, 8 Ventile BLITZ 2.1 D 09/1981...10/1987	27,200 27,320	31,000 31,025	34,250				M100	Semi	BB 19447	4	011 BS 19572 300
	29,200 29,320	33,000 33,025	34,250				M100	Semi	BB 19445	4	
	57,987 58,000	62,000 62,013	29,420	1,987		0,026 0,077	M114	0,000 0,250	FL 18305	1	011 HS 18200 000 025
	57,987 58,000	62,000 62,013	24,500	1,987		0,026 0,077	M114	0,000 0,250	HL 18301	4	
		49,500 49,525	18,000				M23	Semi	NB 19460	4	011 NS 19571 300
	53,971 53,987	57,000 57,012	25,500	1,485		0,043 0,096	M114	0,000 0,250	PL 18201	4	011 PS 18202 000 025

Ø 92 **8**

23 D R 4 Diesel, 2260 cm³, 46 - 48 kW (63 - 65 PS), 22:1, 8 Ventile BLITZ 2.3 D 01/1973...10/1987	27,200 27,320	31,000 31,025	34,250				M100	Semi	BB 19447	4	011 BS 19572 300
	29,200 29,320	33,000 33,025	34,250				M100	Semi	BB 19445	4	
	57,987 58,000	62,000 62,013	29,420	1,987		0,026 0,077	M114	0,000 0,250	FL 18305	1	011 HS 18200 000 025
	57,987 58,000	62,000 62,013	24,500	1,987		0,026 0,077	M114	0,000 0,250	HL 18301	4	
		49,500 49,525	18,000				M23	Semi	NB 19460	4	011 NS 19571 300
	53,971 53,987	57,000 57,012	25,500	1,485		0,043 0,096	M114	0,000 0,250	PL 18201	4	011 PS 18202 000 025

Ø 95 **9**

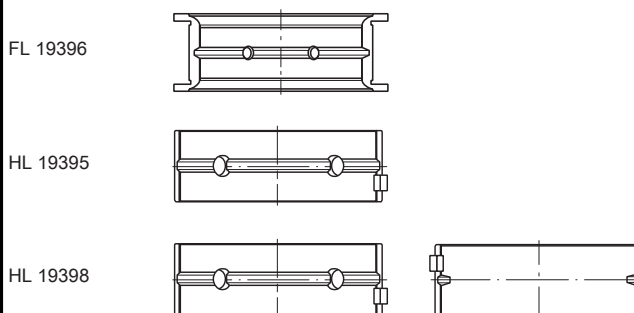
20 N R 4 Benzin, 1979 cm³, 56 - 58 kW (76 - 79 PS), 8:1, 8 Ventile BLITZ 2.0 02/1985...10/1987	51,971 51,987	55,000 55,012	19,610	1,449		0,020 0,059	M157	0,000 0,250 0,500	PL 19739	4	011 PS 19564 000 025 050
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BERTONE

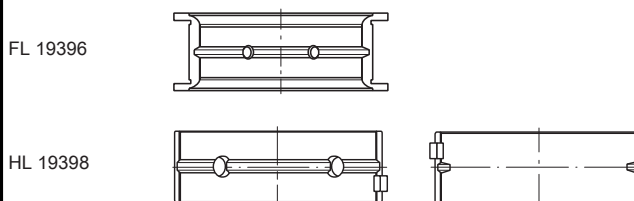
Ø 80 1

BMW M20 B20 R 6 Benzin, 1991 cm³, 95 kW (129 PS), 9,4:1, 12 Ventile FREECLIMBER I 2.0 12/1990...12/1993	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250	FL 19396	1	081 HS 19397 000 025
	59,971 59,990	65,000 65,019	20,000	2,49		0,030 0,093	M800	0,000 0,250	HL 19395	6	
	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250 0,500	FL 19396	1	081 HS 19400 000 025 050
	59,971 59,990	65,000 65,019	20,000	2,498		0,020 0,063	M157	0,000 0,250 0,500	HL 19398	6	
	44,975 44,991	48,000 48,016	18,000	1,493		0,023 0,080	M114	0,000 0,250	PL 19393	6	081 PS 19394 000 025



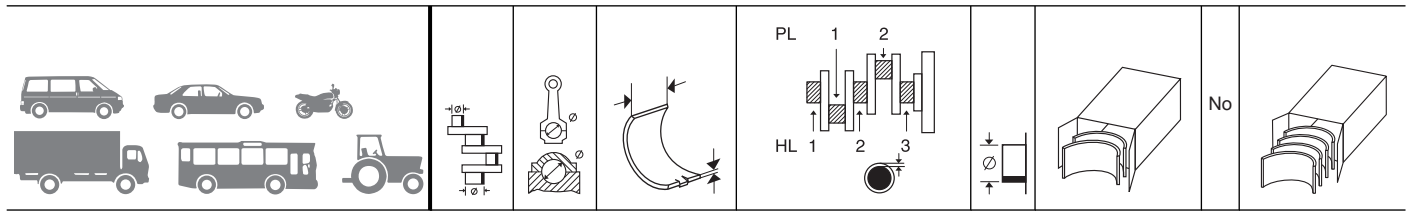
Ø 80 2

BMW M 21 D 24 R 6 Diesel, 2443 cm³, 85 kW (116 PS), 22:1, 12 Ventile FREECLIMBER I 2.4 TD 06/1989...12/1993	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250 0,500	FL 19396	1	081 HS 19400 000 025 050
	59,971 59,990	65,000 65,019	20,000	2,498		0,020 0,063	M157	0,000 0,250 0,500	HL 19398	6	



Ø 84 3

BMW 161 E1 R 4 Benzin, 1596 cm³, 73 kW (100 PS), 9:1, 8 Ventile FREECLIMBER II 1.6 03/1992...12/1993	59,971 59,990	65,000 65,019	24,940	2,623		0,030 0,093	M800	0,250 0,500	FL 19396	1	081 HS 19781 025 050
	59,971 59,990	65,000 65,019	20,000	2,623		0,020 0,063	M157	0,250 0,500	HL 19398	4	
	44,975 44,991	48,000 48,016	18,000	1,493		0,023 0,080	M114	0,000 0,250 0,500	PL 19393	4	081 PS 19778 000 025 050

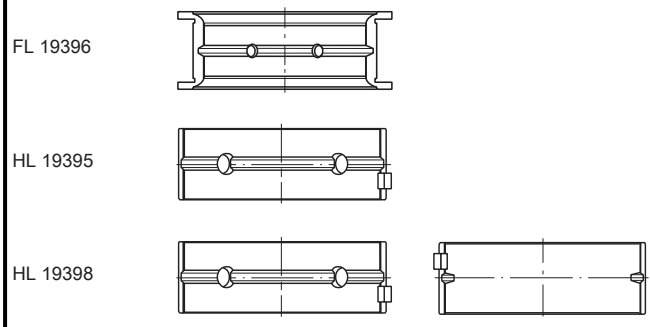


BMW

Ø 80

1

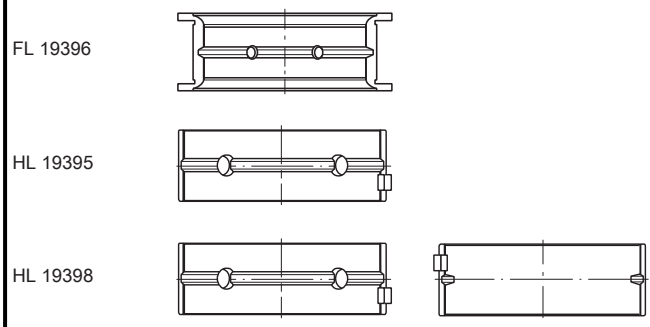
M20 B20, M20 B20 K, M20 B20 M 1Z7, M20 B20 V R 6 Benzin, 1990 cm³, 90 - 95 kW (122 - 129 PS), 8,8:1 - 9,8:1, 12 Ventile 320 I 520/6 520 I 01/1981...10/1993 09/1977...05/1981 06/1981...12/1987	59,971	65,000	24,940	2,498		0,030	M800	0,000	FL 19396	1	081 HS 19397 000 025
	59,990	65,019				0,093		0,250			
	59,971	65,000	20,000	2,49		0,030	M800	0,000	HL 19395	6	
	59,990	65,019				0,093		0,250			
M20 B23 R 6 Benzin, 2315 cm³, 102 - 105 kW (139 - 143 PS), 9,5:1, Hub 76.8mm, 12 Ventile	59,971	65,000	20,000	2,498		0,020	M157	0,000	HL 19398	6	081 HS 19400 000 025 050
	59,990	65,019				0,063		0,500			
M50 (20 6 S1), M52 B(20 6 S4) R 6 Benzin, 1991 cm³, 110 kW (150 PS), 10,5:1 - 11:1, 24 Ventile	44,975	48,000	18,000	1,493		0,023	M114	0,000	PL 19393	6	081 PS 19394 000 025
	44,991	48,016				0,080		0,250			

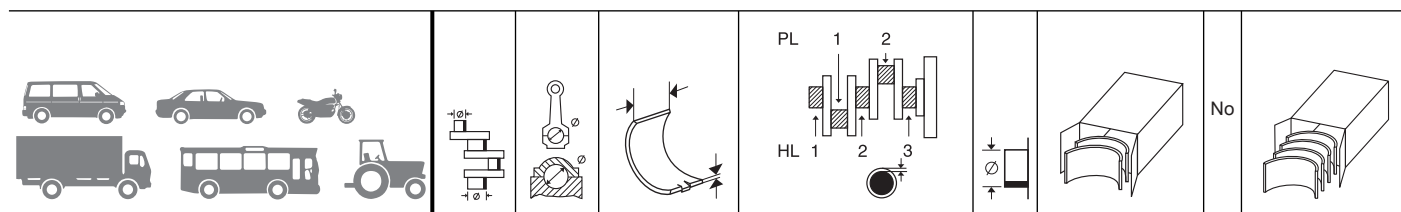


Ø 80

2

M20 B20 M R 6 Benzin, 1990 cm³, 90 - 95 kW (122 - 129 PS), 9,2:1	59,971	65,000	24,940	2,498		0,030	M800	0,000	FL 19396	1	081 HS 19397 000 025
	59,990	65,019				0,093		0,250			
	59,971	65,000	20,000	2,49		0,030	M800	0,000	HL 19395	6	
	59,990	65,019				0,093		0,250			
M52 B(20 6 S3) Vanos R 6 Benzin, 1991 cm³, 100 - 110 kW (136 - 150 PS), 11:1, 24 Ventile	59,971	65,000	24,940	2,498		0,030	M800	0,000	FL 19396	1	081 HS 19400 000 025 050
	59,990	65,019				0,093		0,500			
	59,971	65,000	20,000	2,498		0,020	M157	0,000	HL 19398	6	
	59,990	65,019				0,063		0,500			
	44,975	48,000	18,000	1,493		0,023	M114	0,000	PL 19393	6	081 PS 19394 000 025
	44,991	48,016				0,080		0,250			





Ø 80 **3**

M21 D24, M21 D24 (246TB), M21 D24 W, M21 D24 WA R 6 Diesel, 2443 cm³, 63 - 85 kW (86 - 115 PS), 22:1, 12 Ventile 324 D 09/1985...08/1991 324 TD 09/1987...06/1993 524 TD 09/1983...09/1995	59,971	65,000	24,940	2,498		0,030	M800	0,000	FL 19396	1	081 HS 19400 000 025 050
	59,990	65,019				0,093		0,250			
M51 D25 (256T1), M51 D25 WA, M51 D25 WA, M57 256 D1, M57 D25 R 6 Diesel, 2497 cm³, 85 - 120 kW (115 - 163 PS), 12 Ventile 325 TD 09/1991...02/1998 325 TDS 05/1993...10/1999 525 TD 03/1993...06/2003 525 TDS 09/1991...05/2004 725 TDS 04/1996...11/2001	59,971	65,000	20,000	2,498		0,020	M157	0,000	HL 19398	6	
	59,990	65,019				0,063		0,250			
FL 19396											
HL 19398											

Ø 80 **4**

M41 D17 (174T1), M41 D18 (Inter.) R 4 Diesel, 1665 cm³, 66 kW (90 PS), 22:1, 8 Ventile 318 TDS 01/1995...08/2000	59,971	65,000	24,940	2,623		0,030	M800	0,250	FL 19396	1	081 HS 20032 025
	59,990	65,019				0,093					
	59,971	65,000	20,000	2,623		0,020	M157	0,250	HL 19398	4	
	59,990	65,019				0,063					

Ø 80 **5**

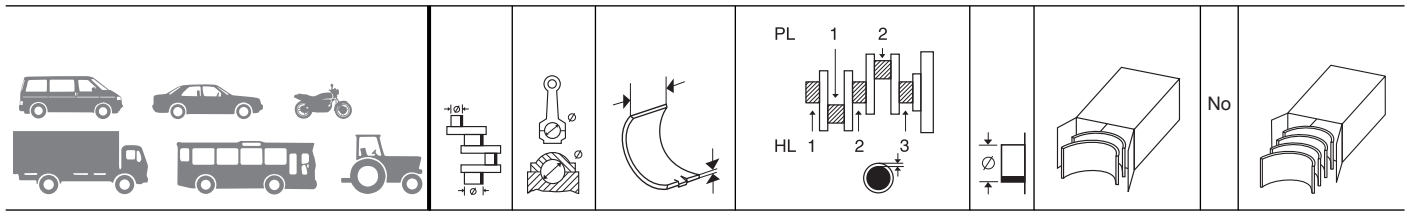
M50 B20 (206S1), M50 B20 (206S2), M52 B20 (206S3), M52 B20 (206S4) R 6 Benzin, 1991 cm³, 100 - 110 kW (136 - 150 PS), 10,5:1 - 11:1, 24 Ventile 320 CI 08/1999...09/2000 320 I 09/1990...09/2000 520 I 09/1989...05/2004 Z3 2.0 04/1999...01/2003	59,971	65,000	24,940	2,498		0,030	M800	0,000	FL 19396	1	081 HS 19397 000 025
	59,990	65,019				0,093		0,250			
	59,971	65,000	20,000	2,49		0,030	M800	0,000	HL 19395	6	
	59,990	65,019				0,093		0,250			
	44,975	48,000	18,000	1,493		0,023	M114	0,000	PL 19393	6	081 PS 19394 000 025
	44,991	48,016				0,080		0,250			
FL 19396											
HL 19395											

Ø 82 **6**

115 R 4 Benzin, 1498 cm³	54,971	60,000	29,940	2,49	3.	0,030	M114	0,000	FL 19773	1	081 HS 19745 000 025 050
	54,990	60,019				0,093		0,500			
M10 B15 R 4 Benzin, 1499 cm³, 59 kW (80 PS), 8,2:1, 8 Ventile 1500 10/1962...07/1966	54,971	60,000	24,000	2,49	1.2.4.5.	0,030	M114	0,000	HL 19771	4	
	54,990	60,019				0,093		0,250			
	47,975	52,000	20,000	1,993		0,023	M114	0,000	PL 19769	4	081 PS 19742 000 025
	47,991	52,015				0,079		0,250			

Ø 83,95 **7**

M47N 204 D4 R 4 Diesel, 1995 cm³, 85 - 130 kW (116 - 177 PS), 17:1, 16 Ventile 318 D 09/2005...09/2008 320 D 09/2005...12/2011 3 320 D 01/2005...12/2008	59,971	65,000	24,940	2,623		0,030	M800	0,250	FL 19396	1	081 HS 20032 025
	59,990	65,019				0,093					
	59,971	65,000	20,000	2,623		0,020	M157	0,250	HL 19398	4	
	59,990	65,019				0,063					



Ø 83,95 8

M57N 306 D4 R 6 Diesel, 2993 cm³, 160 kW (218 PS), 24 Ventile	59,971	65,000	24,940	2,498		0,030	M800	0,000	FL 19396	1	081 HS 19400 000 025 050
	59,990	65,019				0,093		0,250			
	59,971	65,000	20,000	2,498		0,020	M157	0,000	HL 19398	6	
	59,990	65,019				0,063		0,250			
FL 19396											
HL 19398											

Ø 84 9

116, 118, M10 B16 R 4 Benzin, 1573 cm³, 55 - 77 kW (75 - 105 PS), 8,6:1 - 8,8:1 1500 09/1963...07/1966 1600 04/1964...04/1968 1502 01/1975...07/1977 1600/2 12/1967...12/1971 1600 TOURING 05/1971...04/1973 1602 04/1971...07/1975 1600 GT COUPE 1.6 09/1967...11/1969 315 09/1982...10/1983	54,971	60,000	29,940	2,49	3.	0,030	M114	0,000	FL 19773	1	081 HS 19745 000 025 050
	54,990	60,019				0,093		0,250			
	54,971	60,000	24,000	2,49	1.2.4.5.	0,030	M114	0,000	HL 19771	4	
	54,990	60,019				0,093		0,250			
	47,975	52,000	20,000	1,993		0,023	M114	0,000	PL 19769	4	081 PS 19742 000 025
	47,991	52,015				0,079		0,250			
118 R 4 Benzin, 1773 cm³											
M10 B16 V R 4 Benzin, 1574 cm³, 55 kW (75 PS), 9,5:1											

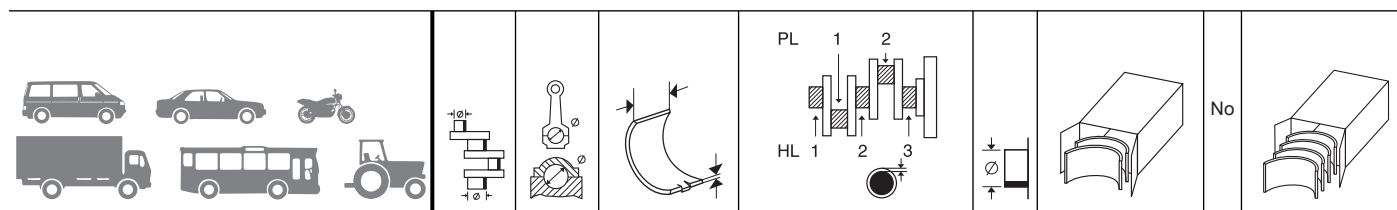
Ø 84 10

M20 B25, M50 B25, M50 B25, M50 B25 TU, M50 B27, M52 B25 (Vanos), M52 B25 TU, M52 TU, M54 B25 R 6 Benzin, 2494 cm³, 92 - 141 kW (125 - 192 PS), 12 Ventile 325 I 09/1983...10/1993 525 I 01/1988...03/2010 Z1 2.5 11/1988...06/1991	59,971	65,000	24,940	2,498		0,030	M800	0,000	FL 19396	1	081 HS 19397 000 025
	59,990	65,019				0,093		0,250			
	59,971	65,000	20,000	2,49		0,030	M800	0,000	HL 19395	6	
	59,990	65,019				0,093		0,250			
	59,971	65,000	24,940	2,498		0,030	M800	0,000	FL 19396	1	081 HS 19400 000 025 050
	59,990	65,019				0,093		0,250			
	59,971	65,000	20,000	2,498		0,020	M157	0,000	HL 19398	6	
	59,990	65,019				0,063		0,250			
M20 B27 M R 6 Benzin, 2693 cm³, 124 kW (170 PS)	44,975	48,000	18,000	1,493		0,023	M114	0,000	PL 19393	6	081 PS 19394 000 025
	44,991	48,016				0,080		0,250			
FL 19396											
HL 19395											
HL 19398											

Ø 84 11.1

M20 B25 M 127 R 6 Benzin, 2494 cm³, 125 kW (170 PS), 8,8:1 325 E 01/1985...08/1987 525 E 12/1984...12/1987	59,971	65,000	24,940	2,498		0,030	M800	0,000	FL 19396	1	081 HS 19397 000 025
	59,990	65,019				0,093		0,250			
	59,971	65,000	20,000	2,49		0,030	M800	0,000	HL 19395	6	
	59,990	65,019				0,093		0,250			

Fortsetzung nächste Seite / Continued on next page



Ø 84 - Fortsetzung / Continued

11.2

M52 B28 (Nikasil) R 6 Benzin, 2792 cm ³ , 142 kW (193 PS), 10,2:1, 24 Ventile	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250 0,500	FL 19396	1	081 HS 19400 000 025 050
	59,971 59,990	65,000 65,019	20,000	2,498		0,020 0,063	M157	0,000 0,250 0,500	HL 19398	6	
	44,975 44,991	48,000 48,016	18,000	1,493		0,023 0,080	M114	0,000 0,250	PL 19393	6	081 PS 19394 000 025
FL 19396											
HL 19395											
HL 19398											

Ø 84

12

M20 B27 R 6 Benzin, 2693 cm ³ , 90 - 95 kW (122 - 129 PS), 12 Ventile 525 E 09/1981...12/1987	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250	FL 19396	1	081 HS 19397 000 025
	59,971 59,990	65,000 65,019	20,000	2,49		0,030 0,093	M800	0,000 0,250	HL 19395	6	
	M50 B25 (256S1), M50 B25 (256S2), M52 B25 (256S3), M52 B25 (256S4), M54 256 S5 R 6 Benzin, 2494 cm ³ , 125 - 141 kW (170 - 192 PS), 24 Ventile 323 CI 03/1998...09/2000 323 I 2.5 03/1995...10/1999 323 TI COMPACT 08/1997...08/2000 325 I 09/1990...04/1999 523 I 11/1995...09/2000 525 I 09/1989...03/2010	44,975 44,991	48,000 48,016	18,000	1,493		0,023 0,080	M114	0,000 0,250	PL 19393	6
FL 19396											
HL 19395											
M52 B28 (286S1), M52 B28 (286S2) R 6 Benzin, 2793 cm ³ , 141 - 142 kW (192 - 193 PS), 10,2:1, 24 Ventile 328 CI 04/1999...06/2000 328 I 01/1995...06/2000 528 I 11/1995...09/2000 728 I, IL 08/1995...11/2001 Z3 2.8 01/1996...07/2000											

Ø 84

13

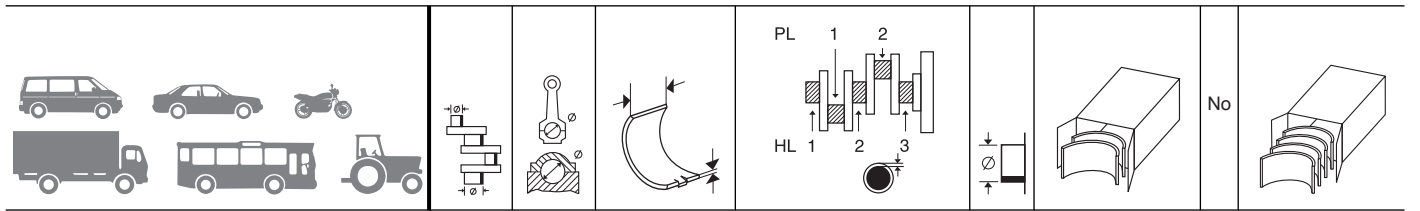
M40 B16, M43 B16, M43 B16 (164E2), M43 B16 (164E3) R 4 Benzin, 1596 cm ³ , 73 - 77 kW (99 - 105 PS), 9:1 - 9,7:1, 8 Ventile 316 CI 04/2000...06/2006 316 G COMPACT 12/1995...08/2000 316 I 09/1990...10/1999 316 I COMPACT 03/1994...08/2000	59,971 59,990	65,000 65,019	24,940	2,623		0,030 0,093	M800	0,250 0,500	FL 19396	1	081 HS 19781 025 050
	59,971 59,990	65,000 65,019	20,000	2,623		0,020 0,063	M157	0,250 0,500	HL 19398	4	
	M40 B18, M40 B18 C, M42 B18, M43 B18 (184E2) R 4 Benzin, 1796 cm ³ , 83 - 103 kW (113 - 140 PS), 8,8:1 - 10:1, 8 Ventile 318 I 10/1993...10/1999 318 IS 03/1992...02/1998 518 G 11/1995...06/1996 518 I 08/1989...01/1997 Z3 1.8 10/1995...10/1998	44,975 44,991	48,000 48,016	18,000	1,493		0,023 0,080	M114	0,000 0,250 0,500	PL 19393	4

Ø 84

14.1

M40 B16 ME, M42 R 4 Benzin, 1596 cm ³ , 73 - 75 kW (99 - 102 PS) 316 I 09/1987...06/1994	59,971 59,990	65,000 65,019	24,940	2,623		0,030 0,093	M800	0,250 0,500	FL 19396	1	081 HS 19781 025 050
	59,971 59,990	65,000 65,019	20,000	2,623		0,020 0,063	M157	0,250 0,500	HL 19398	4	

Fortsetzung nächste Seite / Continued on next page



Ø 84 - Fortsetzung / Continued

14.2

M42 B18, M42 B18 ME, M43 B18 R 4 Benzin, 1796 cm ³ , 83 - 85 kW (113 - 115 PS), 9,7:1 - 10:1, 16 Ventile	44,975 44,991	48,000 48,016	18,000	1,493		0,023 0,080	M114	0,000 0,250 0,500	PL 19393	4	081 PS 19778 000 025 050
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Ø 84

15

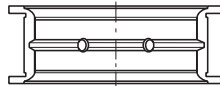
M47 D20, M47 D20 (204D1), M47 D20 TU, M47 D20 TU2 R 4 Diesel, 1951 cm ³ , 85 - 120 kW (116 - 163 PS), 19:1, Hub 88mm, Turbo, LLK, 16 Ventile	59,971 59,990	65,000 65,019	24,940	2,623		0,030 0,093	M800	0,250	FL 19396	1	081 HS 20032 025
318 D 09/2001...02/2005	59,971	65,000	20,000	2,623		0,020	M157	0,250	HL 19398	4	
320 D 02/1998...04/2005	59,990	65,019				0,063					
520 D 02/2000...09/2003											

Ø 84

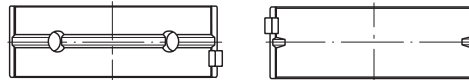
16

M54 B25 (256 S5) R 6 Benzin, 2494 cm ³ , 141 kW (192 PS), 24 Ventile	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250 0,500	FL 19396	1	081 HS 19400 000 025 050
325 I 09/2000...02/2007	59,971	65,000	20,000	2,498		0,020	M157	0,000	HL 19398	6	
325 TI 06/2001...02/2005	59,990	65,019				0,063					
525 I 06/2004...03/2010											
X3 2.5 I 01/2004...08/2006											
Z4 2.5 I 02/2003...12/2005	44,975 44,991	48,000 48,016	18,000	1,493		0,023 0,080	M114	0,000 0,250	PL 19393	6	081 PS 19394 000 025

FL 19396



HL 19398



Ø 84

17

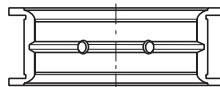
M54 B30 R 6 Benzin, 2979 cm ³ , 170 kW (231 PS), 10,2:1, 24 Ventile	44,975 44,991	48,000 48,016	18,000	1,493		0,023 0,080	M114	0,000 0,250	PL 19393	6	081 PS 19394 000 025
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Ø 84

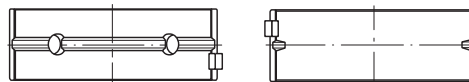
18

M57 D30 R 6 Diesel, 2926 cm ³ , 135 - 142 kW (184 - 193 PS), 18:1, Turbo, LLK, 24 Ventile	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250 0,500	FL 19396	1	081 HS 19400 000 025 050
330 D 10/1999...02/2005	59,971	65,000	20,000	2,498		0,020	M157	0,000	HL 19398	6	
530 D 09/2000...06/2003	59,990	65,019				0,063					

FL 19396



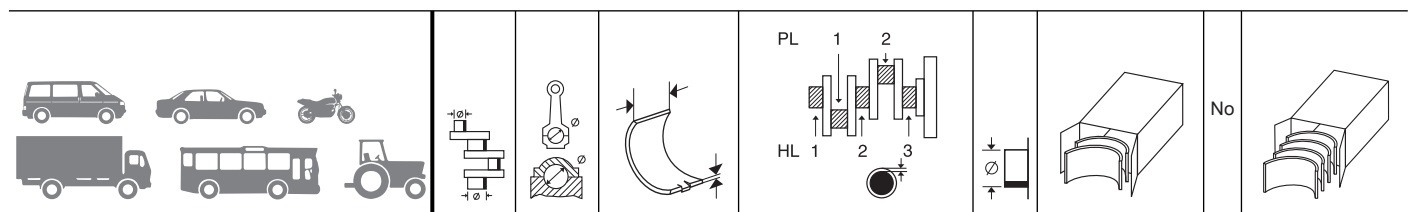
HL 19398



Ø 85

19

M43 B19, M44 B19 R 4 Benzin, 1895 cm ³ , 87 - 103 kW (118 - 140 PS), 9,7:1 - 10:1, 8 Ventile	59,971 59,990	65,000 65,019	24,940	2,623		0,030 0,093	M800	0,250 0,500	FL 19396	1	081 HS 19781 025 050
	59,971 59,990	65,000 65,019	20,000	2,623		0,020 0,063	M157	0,250 0,500	HL 19398	4	
	44,975 44,991	48,000 48,016	18,000	1,493		0,023 0,080	M114	0,000 0,250 0,500	PL 19393	4	



Ø 85 **20**

M43 B19 (194E1), M44 B19 (194S1) R 4 Benzin, 1895 cm³, 77 - 103 kW (105 - 140 PS), 9,7:1 - 10:1, 8 Ventile	59,971	65,000	24,940	2,623		0,030	M800	0,250	FL 19396	1	081 HS 19781 025 050
	59,990	65,019				0,093		0,500			
316 I 09/1998...01/2002	59,971	65,000	20,000	2,623		0,020	M157	0,250	HL 19398	4	081 PS 19778 000 025 050
316 I COMPACT 12/1998...08/2000	59,990	65,019				0,063		0,500			
318 CI 02/1998...09/2001	44,975	48,000	18,000	1,493		0,023	M114	0,000	PL 19393	4	
318 I 10/1999...09/2001	44,991	48,016				0,080		0,250			
318 IS 09/1995...04/1999								0,500			
318 TI COMPACT 07/1995...08/2000											
Z3 1.9 10/1995...01/2003											

Ø 86 **21**

125, M30 B25 R 6 Benzin, 2494 cm³, 107 - 110 kW (145 - 150 PS), 9,3:1	47,975	52,000	20,000	1,993		0,023	M114	0,000	PL 19769	6	081 PS 19743 000 025 050
	47,991	52,015				0,079		0,250			
	2.5 CS 09/1974...03/1976							0,500			
	2500 10/1968...04/1977										
525 08/1973...10/1976											
725 I 07/1977...06/1986											
128, M30 B28, M30 B28 L R 6 Benzin, 2788 cm³, 121 - 135 kW (165 - 184 PS), 9:1 - 9,3:1	2.8 L 02/1975...04/1977										
	2800 CS 10/1968...07/1975										
	528 01/1975...08/1977										
	528 I 04/1977...12/1987										
	628 CSI 09/1979...08/1987										
	728 05/1977...08/1979										
	728 I 07/1978...08/1986										

Ø 89 **22**

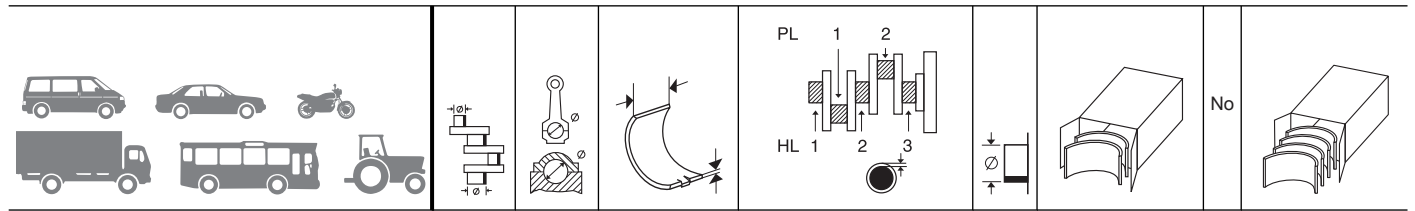
120, 121, M10 B20 R 4 Benzin, 1990 cm³, 73 - 96 kW (100 - 131 PS)	54,971	60,000	29,940	2,49	3.	0,030	M114	0,000	FL 19773	1	081 HS 19745 000 025 050
	54,990	60,019				0,093		0,250			
	2000 09/1968...07/1972							0,500			
2000 TI 01/1966...07/1972	54,971	60,000	24,000	2,49	1.2.4.5.	0,030	M114	0,000	HL 19771	4	081 PS 19742 000 025 050
2000 TII 12/1969...07/1972	54,990	60,019				0,093		0,250			
2002 02/1968...07/1975								0,500			
2002 TI 06/1968...04/1972											
2002 TII 01/1971...07/1975	47,975	52,000	20,000	1,993		0,023	M114	0,000	PL 19769	4	
2000 C/CA 10/1965...06/1970	47,991	52,015				0,079		0,250			
320 I 10/1975...08/1977											
518 12/1975...08/1977											
518 I 08/1977...09/1979											
520 08/1972...08/1977											
520 I 08/1972...05/1977											
M10 B18, M10 B18 S, M10 B18 V, M50 B18 R 4 Benzin, 1766 cm³, 66 - 77 kW (90 - 105 PS), 8 Ventile	1800 07/1969...09/1971										
	2000 1.8 01/1970...11/1972										
	1802 05/1971...07/1975										
	316 09/1982...12/1987										
	316 I 08/1987...08/1988										
	518 07/1974...08/1984										

Ø 89 **23**

M30 B30 M.E. 7, .E. 7 R 6 Benzin, 2985 cm³, 138 - 145 kW (188 - 197 PS), 9:1 - 9,2:1	47,975	52,000	20,000	1,993		0,023	M114	0,000	PL 19769	6	081 PS 19743 000 025 050
	47,991	52,015				0,079		0,250			
M30 B33 R 6 Benzin, 3300 cm³, 140 - 147 kW (190 - 200 PS)											

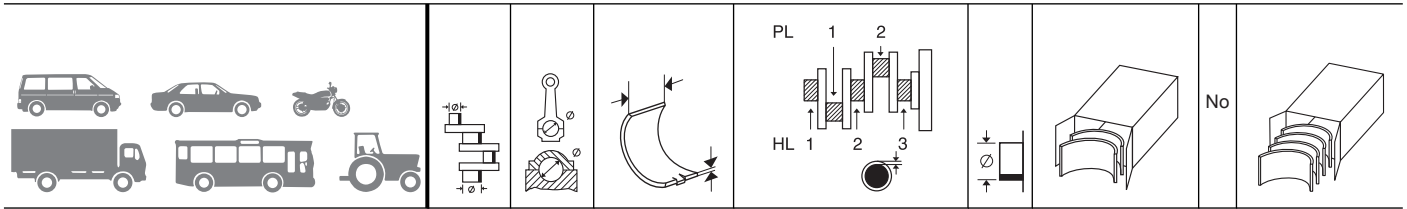
Ø 93,4 **24**

M20 B35, M30 B35 L R 6 Benzin, 3453 cm³, 160 kW (218 PS)	47,975	52,000	20,000	1,993		0,023	M114	0,000	PL 19769	6	081 PS 19743 000 025 050
	47,991	52,015				0,079		0,250			



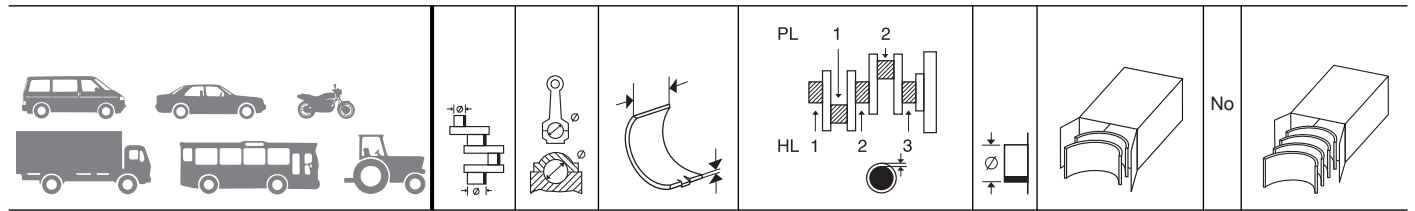
CADILLAC

Ø 82										1	
Z 19 DTH R 4 Diesel, 1910 cm³, 110 kW (150 PS), 17,5:1, 16 Ventile BLS 1.9 D 04/2006...12/2010	50,787 50,805	53,897 53,909	19,250 19,500	1,654 2,714		0,018 0,068	M114	0,254	007 PL 20485 210	4	007 PS 20486 210



CARBODIES

Ø 96											1
TD27 R 4 Diesel, 2663 cm³, 60 - 73 kW (82 - 99 PS), 21,8:1, 8 Ventile FX 2.7 TD FAIRWAY 01/1987...09/1997	56,913 56,926	59,987 60,000	26,100	1,513		0,035 0,087	M780	0,000	PL 19860	4	640 PS 19858 000



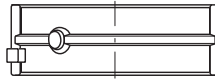
CATERHAM

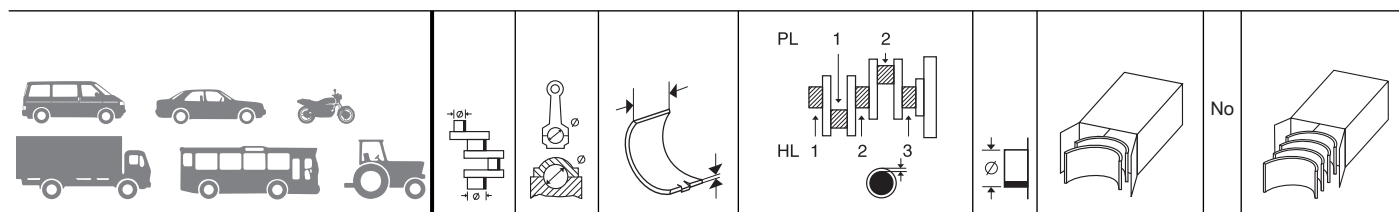
Ø 86

1

C 20 XE R 4 Benzin, 1998 cm ³ , 110 - 115 kW (150 - 156 PS), 10,5:1, 16 Ventile	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	20,300	1,50		0,020 0,066	M114	0,000	PL 19224	4	011 PS 19225 000

HL 18119

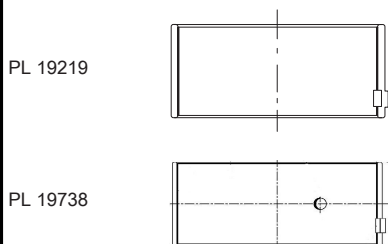




Ø 79 - Fortsetzung / Continued

4.2

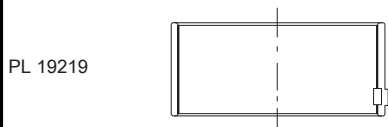
F16D4, LDE R 4 Benzin, 1598 cm³, 83 - 91 kW (113 - 124 PS), 9,5:1 - 10,8:1, 16 Ventile AVEO 1.6 CRUZE 1.6 TRAX 1.6 03/2011... 05/2009...08/2012 12/2012...	42,971	46,000	16,600	1,484		0,019	M114	0,000	PL 19219	2	011 PS 19563 000 025 050
	42,987	46,012		1,497		0,074		0,250			
	42,971	46,000	16,630	1,497		0,019	M114	0,000	PL 19738	2	
	42,987	46,012				0,074		0,250			



Ø 79

5

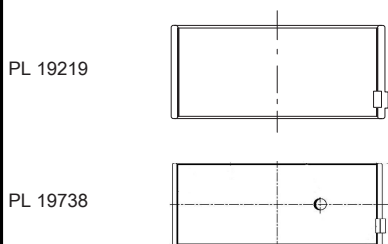
X 16 XE, Z 16 SE R 4 Benzin, 1598 cm³, 62 - 78 kW (84 - 106 PS), 9,6:1, 16 Ventile CORSA 1.6 GS 08/1997...07/2002	54,972	59,000	25,900	1,988		0,019	M114	0,000	FL 19222	1	011 HS 19223 000 025
	54,985	59,013		2,001		0,074		0,250			
	54,972	59,000	19,500	1,988		0,013	M114	0,000	HL 19221	4	
	54,985	59,013		2,001		0,065		0,250			
	42,971	46,000	16,600	1,484		0,019	M114	0,000	PL 19219	4	011 PS 19220 000 025
	42,987	46,012		1,497		0,074		0,250			



Ø 80,5

6

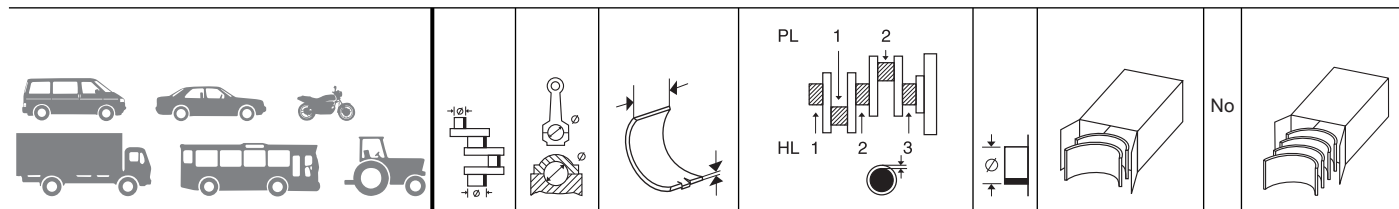
Z 18 XE R 4 Benzin, 1796 cm³, 90 - 92 kW (122 - 125 PS), 10,5:1, 16 Ventile ASTRA 1.8 VIVA 1.8 08/2002...06/2005 09/2003...	54,972	59,000	25,900	1,988		0,019	M114	0,000	FL 19222	1	011 HS 19223 000 025	
	54,985	59,013		2,001		0,074		0,250				
	54,972	59,000	19,500	1,988		0,013	M114	0,000	HL 19221	4		
	54,985	59,013		2,001		0,065		0,250				
		42,971	46,000	16,600	1,484		0,019	M114	0,000	PL 19219	2	011 PS 19563 000 025 050
		42,987	46,012		1,497		0,074		0,250			
		42,971	46,000	16,630	1,497		0,019	M114	0,000	PL 19738	2	
		42,987	46,012				0,074		0,250			



Ø 84

7

Y 20 DTH R 4 Diesel, 1995 cm³, 74 kW (101 PS), 18,5:1 ASTRA 2.0 DTI GLS 08/2002...	28,995	32,000	26,800				M5	Semi	BB 19459	4	011 BS 19562 300 011 HS 19561 000
	29,000	32,051									
	67,980	72,000	25,900	1,995		0,014	M157	0,000	FL 19496	1	
	67,996	72,013			0,059						
	67,980	72,000	19,250	1,995		0,014	M23	0,000	HL 19461	4	
	67,996	72,013	19,500		0,059						

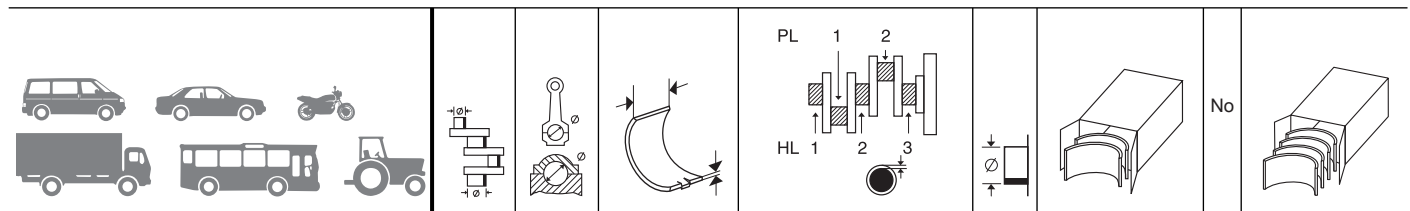


Ø 86 **8**

C 20 SEL, X20SED, X 20 XEV R 4 Benzin, 1998 cm ³ , 81 - 98 kW (110 - 133 PS), 9,5:1 - 10:1, 16 Ventile ASTRA 2.0 ASTRA 2.0 GLS EPICA 2.0 EVANDA 2.0 I ZAFIRA 2.0	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000 025 050
	57,995	62,013		1,995		0,067		0,250			
	03/1999...08/2002 08/2002... 01/2005...12/2006 03/2005...01/2006 04/2001...	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4
	57,995	62,013				0,067		0,250			
	48,971	52,000	20,300	1,50		0,020	M114	0,000	PL 19224	4	011 PS 19225 000
	48,987	52,012				0,066					
HL 18119											

Ø 95 **9**

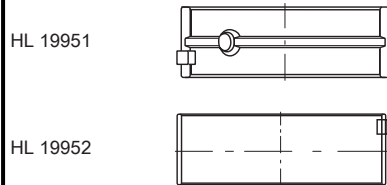
C 24 NE R 4 Benzin, 2405 cm ³ , 94 kW (128 PS), 8 Ventile	51,971	55,000	19,610	1,624		0,020	M114	0,250	PL 19449	4	011 PS 19565 025
	51,987	55,012				0,068					



CITROËN

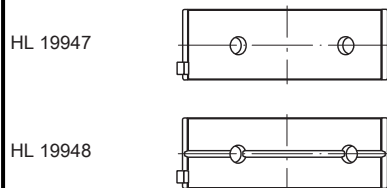
Ø 70 1

108C R 4 Benzin, 954 cm³, 30 - 33 kW (41 - 45 PS), 9,3:1, 8 Ventile LNA 1.0 07/1984...10/1986	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010 039 HS 19965 030
	55,500	71,700									
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	
	49,981	53,674									
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674									



Ø 70 2

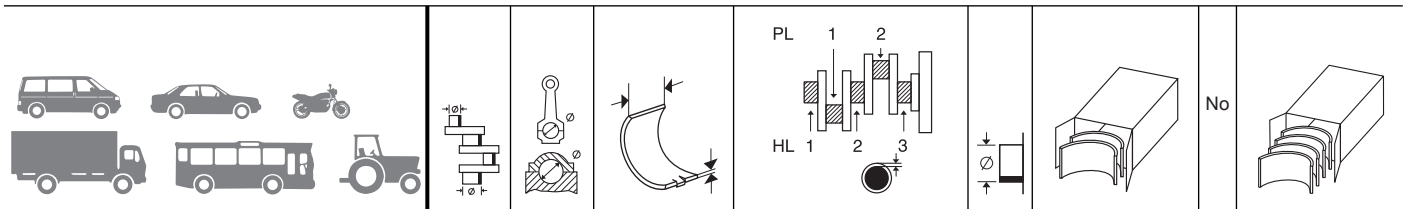
C1A, C3A R 4 Benzin, 954 cm³, 30 - 34 kW (42 - 46 PS), 9,4:1, 8 Ventile AX 10 09/1986...06/1992	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010 039 HS 19969 000
	55,500	71,700									
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	
	49,981	53,674									
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674									



Ø 70 3.1

CDY (TU9M), CDZ (TU9M) R 4 Benzin, 954 cm³, 33 - 37 kW (45 - 50 PS), 9,4:1, 8 Ventile AX 10 SAXO 1.0 I 07/1986...12/1998 05/1996...06/2003	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000 039 AS 19964 000 010 039 HS 19965 030 039 HS 19965 030 039 HS 19965 030 039 HS 19965 030 039 HS 19969 000 039 HS 19969 000
	55,500	71,700		2,45			M250	0,000	AL 19960	2	
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	
		49,981	53,674								
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
		49,981	53,674								
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	
	49,981	53,674									
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674									

Fortsetzung nächste Seite / Continued on next page



Ø 70 - Fortsetzung / Continued

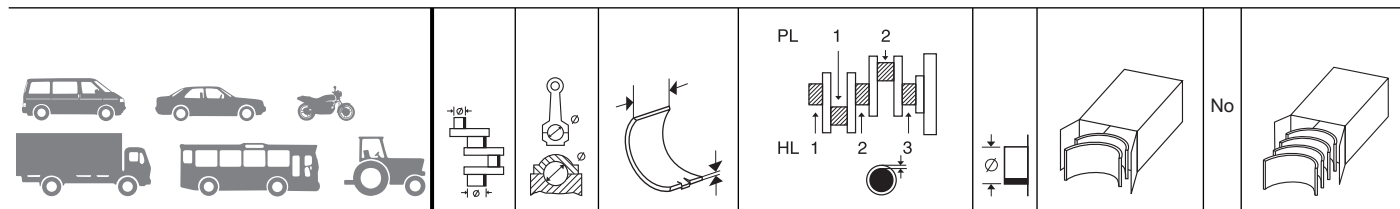
3.2

CDY (TU9M), CDZ (TU9M) R 4 Benzin, 954 cm³, 33 - 37 kW (45 - 50 PS), 9,4:1, 8 Ventile AX 10 SAXO 1.0 l	37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000 030
	38,008	41,144				0,081		0,300			
07/1986...12/1998 05/1996...06/2003	HL 19951										
	HL 19952										
	HL 19947										
	HL 19948										
	PL 19927										

Ø 70

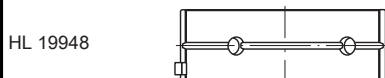
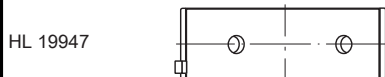
4

TU9 R 4 Benzin, 954 cm³, 33 kW (45 PS), 8,8:1, 8 Ventile C15 1.0	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	55,500	71,700									
10/1984...12/1997	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010 <small>01/1981...</small>
	55,500	71,700					0,100				
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
	37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000 030
	38,008	41,144				0,081		0,300			
	HL 19951										
	HL 19952										
	HL 19947										
	HL 19948										
	PL 19927										



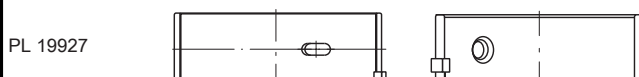
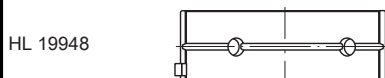
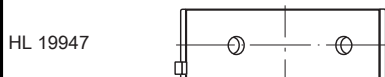
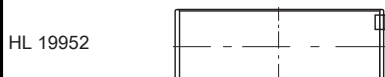
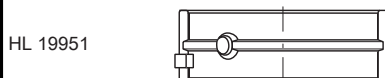
Ø 70 5

TU9K R 4 Benzin, 954 cm³, 37 kW (50 PS), 8,8:1, 8 Ventile	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					



Ø 70 6

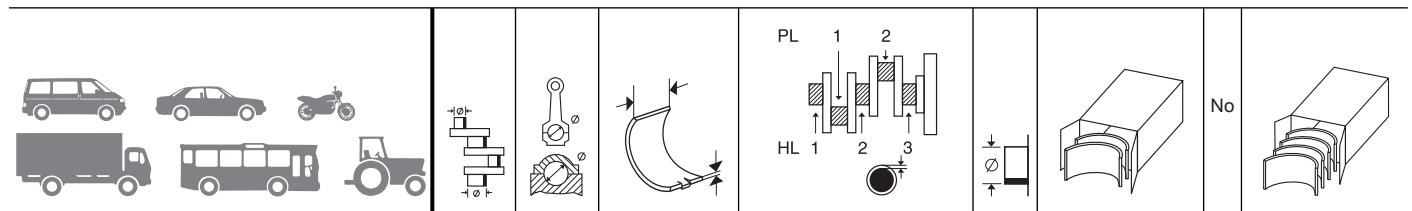
XV8 R 4 Benzin, 954 cm³, 33 kW (45 PS), 8,8:1, 8 Ventile C15 1.0 VISA 1.0 10/1984...12/1997 09/1984...06/1988	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010
	55,500	71,700						0,100			
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
49,981	53,674				0,070						
49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2		
49,981	53,674				0,070						
37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000 030	
38,008	41,144				0,081						
44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050	
44,991	48,671				0,081		0,300				
							0,500				



Ø 72 7.1

109/5, 109/5E, 109K R 4 Benzin, 1124 cm³, 33 - 42 kW (45 - 57 PS), 9,7:1, 8 Ventile C15 1.1 LNA 1.1 VISA 11 10/1984...12/1996 07/1982...04/1985 09/1978...03/1991	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010
	55,500	71,700						0,100			

Fortsetzung nächste Seite / Continued on next page



Ø 72 - Fortsetzung / Continued

7.2

109/5, 109/5E, 109K R 4 Benzin, 1124 cm ³ , 33 - 42 kW (45 - 57 PS), 9,7:1, 8 Ventile C15 1.1 LNA 1.1 VISA 11	10/1984...12/1996	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	07/1982...04/1985	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
HL 19951												
HL 19952												

Ø 72

8

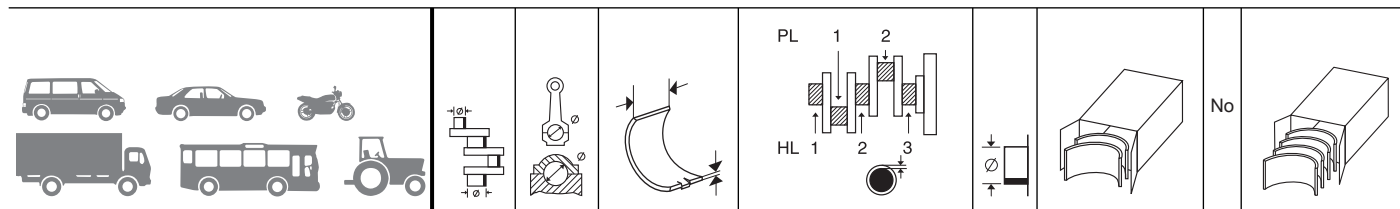
H1A, H1B, HAZ (TU1CP) R 4 Benzin, 1124 cm ³ , 40 - 44 kW (54 - 60 PS), 9,2:1 AX 11 BX 11 ZX 1.1	12/1986...12/1997	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	10/1986...06/1992	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
	03/1991...08/1993	44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050
HL 19947												
HL 19948												
PL 19934												

Ø 72

9.1

HDY, HDZ (TU1M) R 4 Benzin, 1124 cm ³ , 40 - 44 kW (55 - 60 PS), 9,2:1 - 9,7:1, 8 Ventile AX 11 BERLINGO 1.1 I BX 11 C15 1.1 SAXO 1.1 BIFUEL SAXO 1.1 I ZX 1.1	10/1989...12/1997	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	07/1996...12/2009	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
	10/1988...06/1992	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	07/1988...12/1996	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
	07/2000...06/2003	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
	05/1996...09/2003	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	

Fortsetzung nächste Seite / Continued on next page



Ø 72 - Fortsetzung / Continued

9.2

HDY, HDZ (TU1M) R 4 Benzin, 1124 cm³, 40 - 44 kW (55 - 60 PS), 9,2:1 - 9,7:1, 8 Ventile AX 11 BERLINGO 1.1 I BX 11 C15 1.1 SAXO 1.1 BIFUEL SAXO 1.1 I ZX 1.1	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			030 050
10/1989...12/1997	HL 19951										
07/1996...12/2009	HL 19952										
10/1988...06/1992	HL 19947										
07/1988...12/1996	HL 19948										
07/2000...06/2003	PL 19934										
05/1996...09/2003											
03/1991...06/1997											

Ø 72

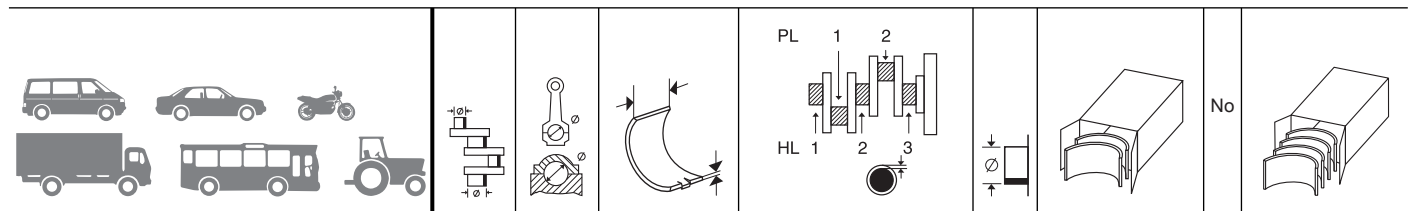
10

HFX (TU1A) R 4 Benzin, 1124 cm³, 44 kW (60 PS), 10,2:1, 8 Ventile C3 I 1.1 I C3 II 1.1 BIFUEL	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			030 050
02/2002...04/2005	PL 19934										
11/2010...											

Ø 72

11

HFX (TU1JP) R 4 Benzin, 1124 cm³, 44 kW (60 PS), 10,5:1 BERLINGO 1.1 I C2 1.1 I C3 I 1.1 I C3 II 1.1 SAXO 1.1 I	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
07/1996...12/2009	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
09/2003...03/2010	49,981	53,674				0,070					
02/2002...04/2005	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
11/2009...11/2012	49,981	53,674				0,070					
05/1996...09/2003	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4	039 PS 19941 000
	44,991	48,671				0,081		0,300			030
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			030 050
	HL 19947										
	HL 19948										
	PL 19931										
	PL 19934										



Ø 73,7

12

8HR (DV4C), 8HS (DV4TD), 8HX (DV4TD), 8HY (DV4TED4), 8HZ (DV4TD), DV4D R 4 Diesel, 1398 cm³, 40 - 66 kW (54 - 90 PS), 8 Ventile	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
C1 I 1.4 HDI 06/2005...12/2008 C2 1.4 HDI 09/2003...03/2010 C2 1.4 HDI ENTERPRISE 04/2009...03/2010 C3 1.4 HDI 07/2003... C3 I 1.4 HDI 02/2002...04/2005 C3 II 1.4 HDI 11/2009... DS3 1.4 HDI 04/2010... NEMO 1.4 HDI 02/2008...04/2009 XSARA 1.4 HDI 01/2003...08/2005	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000
	49,981	53,674	19,918	1,837				0,300			
	44,975	48,655	16,800	1,812		0,036	M330	0,000	PL 21519	4	039 PS 21520 000
	44,991	48,671	17,050	1,818		0,080					

Ø 73,7

13

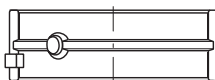
8HS (DV4TED), 8HT (DV4TD) R 4 Diesel, 1398 cm³, 40 kW (54 PS), 17:1 - 17,9:1, 8 Ventile	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000
	49,981	53,674	19,918	1,837				0,300			030

Ø 74

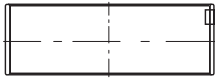
14

E1A R 4 Benzin, 1124 cm³, 35 kW (48 PS), 9,6:1 C15 1.1 10/1984...12/1996	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			030
								0,500			050


HL 19951



HL 19952



PL 19934

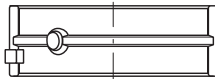


Ø 75


15

109/5F R 4 Benzin, 1124 cm³, 33 - 37 kW (45 - 50 PS), 9,7:1, 8 Ventile VISA 11 E 09/1978...03/1991	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	55,500	71,700									
	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
	37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000
	38,008	41,144				0,081		0,300			030

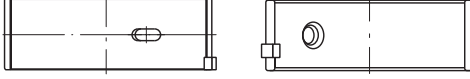
HL 19951

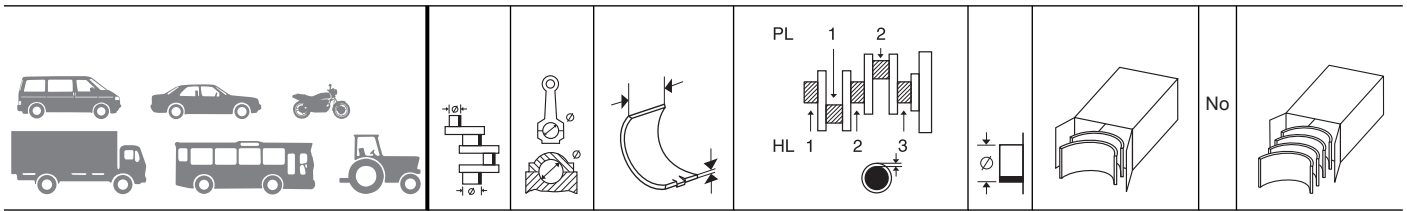


HL 19952



PL 19927





Ø 75 - Fortsetzung / Continued

18.2

150D (XY7) R 4 Benzin, 1360 cm³, 44 kW (60 PS), 9,3:1, 8 Ventile C15 1.4 E VISA 14 05/1987...12/1996 07/1984...03/1991	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050
	44,991	48,671				0,081		0,300			
HL 19951											
HL 19952											
PL 19934											

Ø 75

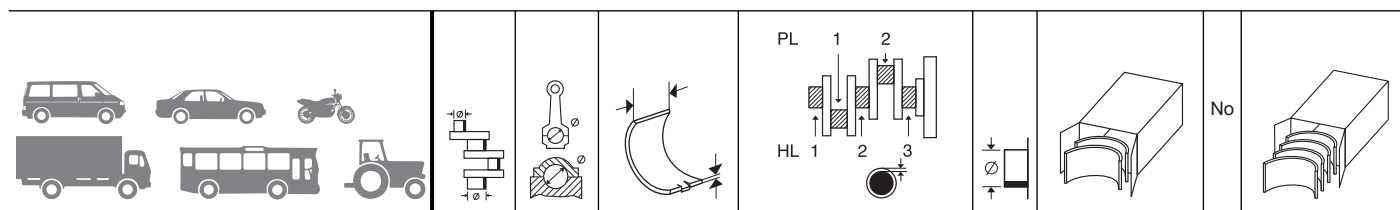
19

156 A R 4 Benzin, 1361 cm³, 45 kW (61 PS)	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000 010
	55,500	71,700		2,45			M250	0,100	AL 19960	2	
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	
49,981	53,674				0,070					2	
49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2		
49,981	53,674				0,070						
37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000 030	
38,008	41,144				0,081						
HL 19951											
HL 19952											
HL 19947											
HL 19948											
PL 19927											

Ø 75

20

9HL (DV6C) R 4 Diesel, 1560 cm³, 82 kW (112 PS), 17,6:1, 8 Ventile BERLINGO 1.6 HDI C4 II AIRCROSS 1.6 HDI C4 GRAND PICASSO I 1.6 HDI DS3 1.6 HDI 07/2010... 04/2012... 09/2010...05/2013 08/2012...	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
49,962	53,655	19,668	1,831				M920	0,000	HL 21052	5	039 HS 21053 000 030
49,981	53,674	19,918	1,837					0,300			



Ø 75 **21**

9HM (DV6UC), 9HP (DV6DTE), 9HT (DV6BTE), 9HT (DV6BTE), 9HU (DV6UTE), 9HW (DV6ETE), 9HX (DV6ATE), 9HX (DV6AUTE), 9HY (DV6TE), 9HZ (DV6TE), DV6ATE, DV6B, DV6TE R 4 Diesel, 1560 cm³, 55 - 80 kW (75 - 109 PS), 16 Ventile BERLINGO 1.6 HDI 02/2005...10/2010 C2 1.6 HDI 09/2005...03/2010 C3 I 1.6 HDI 09/2005...10/2009 C3 II 1.6 HDI 11/2009... C3 PICASSO 1.6 HDI 02/2009...10/2009 C4 I 1.6 HDI 11/2004...06/2008 C4 CACTUS 1.6 HDI 09/2014... C4 GRAND PICASSO I 1.6 HDI 10/2006...08/2010 C4 GRAND PICASSO II 1.6 HDI 09/2013... C4 PICASSO I 1.6 HDI 02/2007...08/2010 C4 PICASSO II 1.6 HDI 02/2013... C5 II 1.6 HDI 09/2004...01/2008 C5 III 1.6 HDI 02/2008...06/2010 C-ELYSEE 1.6 HDI 11/2012... DS3 1.6 HDI 11/2009...01/2013 DS4 1.6 HDI 05/2011... JUMPY 1.6 HDI 01/2007... XSARA PICASSO 1.6 HDI 02/2004...12/2010	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000
	49,981	53,674	19,918	1,837				0,300			
46,975	50,655	16,750	1,81			0,035	M331	0,000	PL 21022	4	039 PS 21023 000
46,991	50,674	17,000	1,82			0,086		0,300			030
PL 21022											

Ø 75 **22**

9HS (DV6TE4BU), Euro 4 R 4 Diesel, 1560 cm³, 66 kW (90 PS), 17,6:1, 16 Ventile BERLINGO 1.6 HDI 04/2008...	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000	
	49,981	53,674	19,918	1,837				0,300			030	
	46,975	50,655	16,750	1,81			0,035	M331	0,000	PL 21022	4	039 PS 21023 000
	46,991	50,674	17,000	1,82			0,086		0,300		030	
PL 21022												

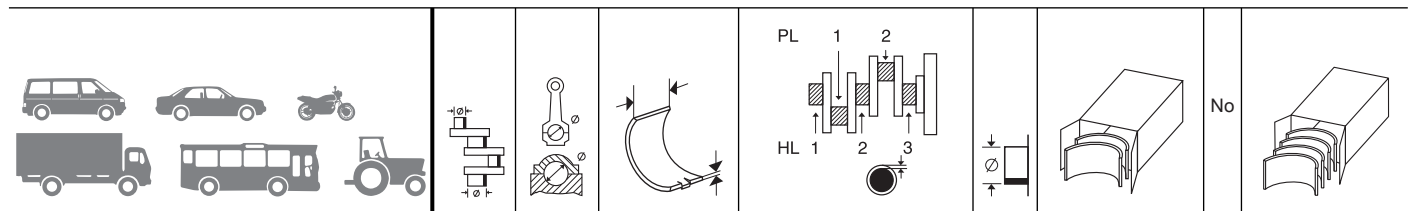
Ø 75 **23**

K1A, K1B, K5A R 4 Benzin, 1361 cm³, 44 - 55 kW (60 - 75 PS), 9,3:1	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			030
HL 19947											
HL 19948											
PL 19934											

Ø 75 **24.1**

K1F, K1G, K2A, K3A R 4 Benzin, 1361 cm³, 44 - 65 kW (60 - 88 PS), 9,3:1, 8 Ventile AX 14 01/1988...12/1991 C15 1.4 E 07/1987...12/1996	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2		
49,981	53,674				0,070						

Fortsetzung nächste Seite / Continued on next page



Ø 75 - Fortsetzung / Continued

24.2

KAY (TU3CP), KAZ R 4 Benzin, 1360 cm³, 44 - 55 kW (60 - 75 PS), 9,3:1 AX 14 VISA 14	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050
	44,991	48,671				0,081		0,300 0,500			
12/1986...12/1988											
03/1982...03/1987											
HL 19947											
HL 19948											
PL 19934											

Ø 75

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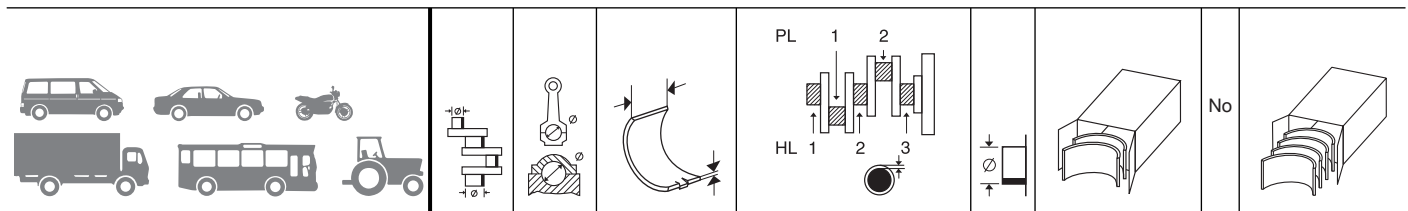
K1H (TU3A) R 4 Benzin, 1360 cm³, 47 - 49 kW (64 - 67 PS), 9,3:1, 8 Ventile BX 14 C15 1.4	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000 010
	55,500	71,700		2,45			M250	0,000 0,100	AL 19960	2	
01/1989...12/1989											
07/1987...12/1996											
K2B R 4 Benzin, 1361 cm³, 62 - 65 kW (84 - 88 PS), 9,3:1, 8 Ventile AX 14	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
01/1988...12/1989											
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050
	44,991	48,671				0,081		0,300 0,500			
HL 19951											
HL 19952											
HL 19947											
HL 19948											
PL 19934											

Ø 75

26.1

K2D R 4 Benzin, 1361 cm³, 55 kW (75 PS), 9,3:1, 8 Ventile	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000 010
	55,500	71,700		2,45			M250	0,000 0,100	AL 19960	2	
K6D (TU3A), K6E (TU3A), K6F (TU3A) R 4 Benzin, 1360 cm³, 53 kW (72 PS), 10,2:1, 8 Ventile	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					

Fortsetzung nächste Seite / Continued on next page



Ø 75 - Fortsetzung / Continued

26.2

K2D R 4 Benzin, 1361 cm³, 55 kW (75 PS), 9,3:1, 8 Ventile	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
K6D (TU3A), K6E (TU3A), K6F (TU3A) R 4 Benzin, 1360 cm³, 53 kW (72 PS), 10,2:1, 8 Ventile	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
HL 19951											
HL 19952											
HL 19947											
HL 19948											

Ø 75

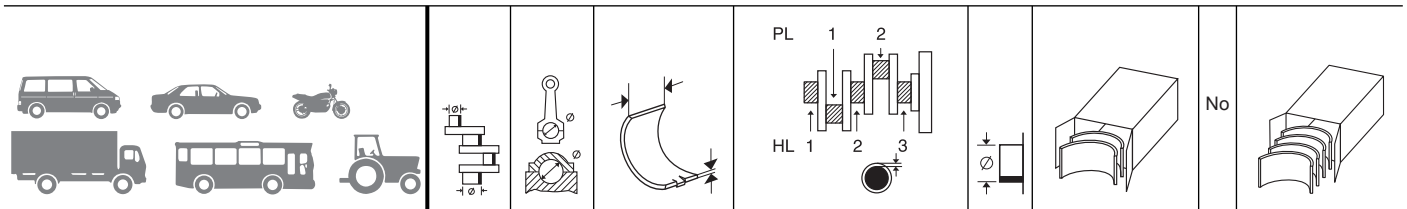
27

K9A (TUD3), K9Y (TUD3Y) R 4 Diesel, 1360 cm³, 37 - 39 kW (50 - 53 PS), 22:1, 8 Ventile	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010
	55,500	71,700						0,100			
AX 14 D 09/1988...12/1997 ZX 1.4 D 07/1994...10/1997	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
M4A R 4 Benzin, 1294 cm³, 69 - 70 kW (94 - 95 PS), 9,6:1	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
AX 13 04/1987...12/1988	HL 19947										
	HL 19948										

Ø 75

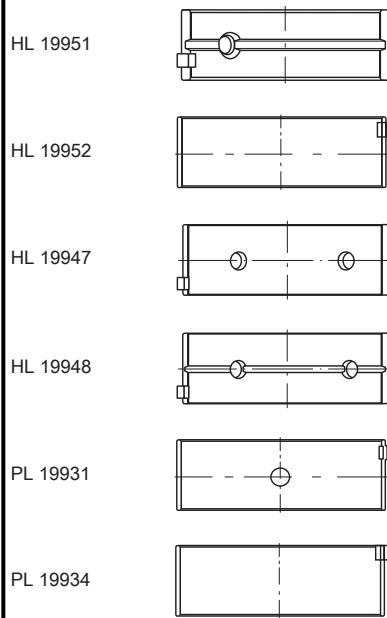
28

KDX (TU3M/Z), KDY (TU3FM), KDZ (TU3M/Z), KFY (TU3FJ2), KFZ (TU3FJ2) R 4 Benzin, 1360 cm³, 55 - 74 kW (75 - 100 PS), 9,3:1 - 9,6:1	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010
	55,500	71,700						0,100			
AX 14 03/1989...12/1996 AX 14 GT 01/1989...12/1991 AX 14 GTI 06/1991...12/1996 BX 14 01/1989...02/1993 C15 1.4 05/1991...12/1996 ZX 1.4 03/1991...06/1997 ZX 1.4 I 03/1991...10/1997	49,962	53,712	17,290	1,854	2.3.4.	0,023	M157	0,000	HL 19949	3	039 HS 19971 000
	49,981	53,731				0,086					
AX 14 01/1989...12/1991 AX 14 GTI 06/1991...12/1996	49,962	53,712	17,290	1,854	1.5.	0,023	M157	0,000	HL 19950	2	
	49,981	53,731				0,086					
BX 14 01/1989...02/1993 C15 1.4 05/1991...12/1996 ZX 1.4 03/1991...06/1997 ZX 1.4 I 03/1991...10/1997	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050
	44,991	48,671				0,081		0,300			
HL 19949 HL 19950 PL 19934											



Ø 75 29

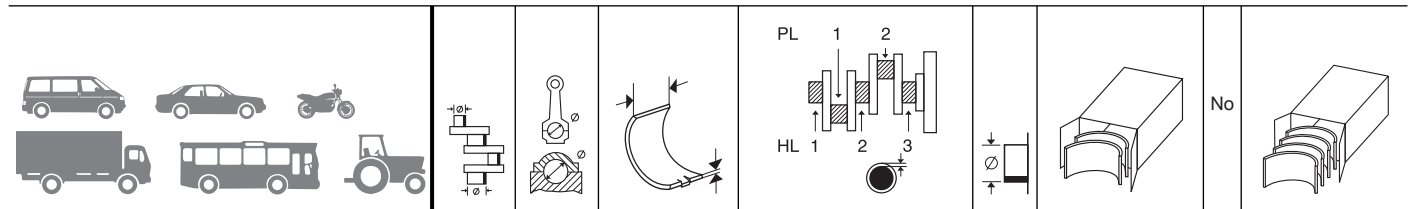
KDY (TU3M), KFW (TU3A), KFX (TU3A) R 4 Benzin, 1360 cm ³ , 55 - 58 kW (75 - 79 PS), 9,3:1 - 10,2:1 AX 14 BX 14 C15 1.4 ZX 1.4 I	03/1989...12/1996	55,250 55,500	71,450 71,700		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
		55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
	01/1989...02/1993	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	10/1993...10/1997	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
		49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
		49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
		44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300	PL 19931	4	039 PS 19941 000 030
		44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050



Ø 75 30.1

KFT (TU3A), KfV (TU3A) R 4 Benzin, 1360 cm ³ , 49 - 54 kW (67 - 73 PS), 9,3:1, 8 Ventile C3 I 1.4 I C3 II 1.4 NEMO 1.4	02/2002...04/2005	55,250 55,500	71,450 71,700		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	11/2009...11/2012	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
	02/2008...04/2009	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
		49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
		49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
		49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	

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Ø 75 - Fortsetzung / Continued

30.2

KFT (TU3A), KfV (TU3A) R 4 Benzin, 1360 cm³, 49 - 54 kW (67 - 73 PS), 9,3:1, 8 Ventile C3 I 1.4 l C3 II 1.4 NEMO 1.4	02/2002...04/2005	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4	039 PS 19941 000 030		
	11/2009...11/2012	44,991	48,671				0,081		0,300					
	02/2008...04/2009													
		HL 19951												
		HL 19952												
		HL 19947												
	HL 19948													
	PL 19931													

Ø 75

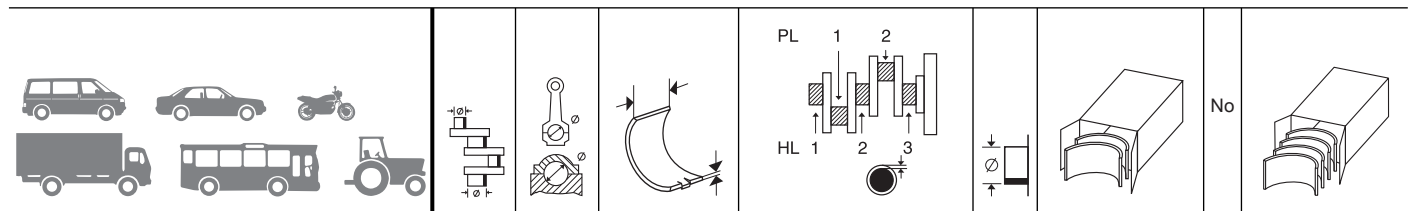
31

KFU (ET3J4) R 4 Benzin, 1360 cm³, 65 kW (88 PS), 10,5:1, 16 Ventile C2 1.4 l C3 I 1.4 l C4 I 1.4	06/2006...03/2010	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010		
	12/2003...04/2005	55,500	71,700						0,100					
	02/2002...04/2005	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3			
	11/2004...06/2008	49,981	53,674				0,070							
		49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2			
		49,981	53,674				0,070							
		44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4			
		44,991	48,671				0,081		0,300					
		HL 19947												
		HL 19948												
	PL 19931													

Ø 75

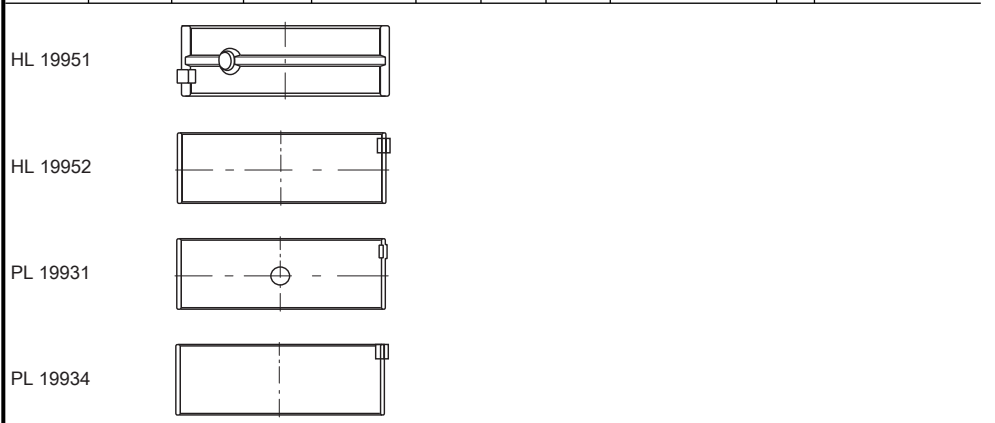
32

KfV (TU3JP) R 4 Benzin, 1360 cm³, 54 - 58 kW (73 - 79 PS), 10,5:1, 8 Ventile C2 1.4 l C3 I 1.4 C3 I 1.4 HYBRID	09/2003...03/2010	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010		
	02/2002...04/2005	55,500	71,700						0,100					
	05/2005...12/2010	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2			
		49,981	53,674				0,070							
		49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3			
		49,981	53,674				0,070							
		44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4			
		44,991	48,671				0,081		0,300					
		HL 19951												
		HL 19952												
	PL 19931													



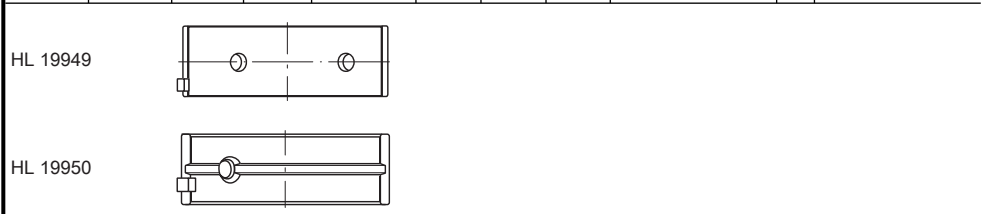
Ø 75 33

KFW (TU3JP), KFX (TU3JP) R 4 Benzin, 1360 cm³, 53 - 55 kW (72 - 75 PS), 10.2:1, 8 Ventile BERLINGO 1.4 11/2002...10/2005 BERLINGO 1.4 BIVALENT 11/2002...12/2009 BERLINGO 1.4 I 07/1996...12/2009 BERLINGO 1.4 I BIVALENT 04/2003...12/2009 SAXO 1.4 I 05/1996...06/2003 XSARA 1.4 I 04/1997...08/2005 XSARA 1.4 LPG 05/1998...08/2000 ZX 1.4 I 03/1991...10/1997	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4	039 PS 19941 000
	44,991	48,671				0,081		0,300			030
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			030 050



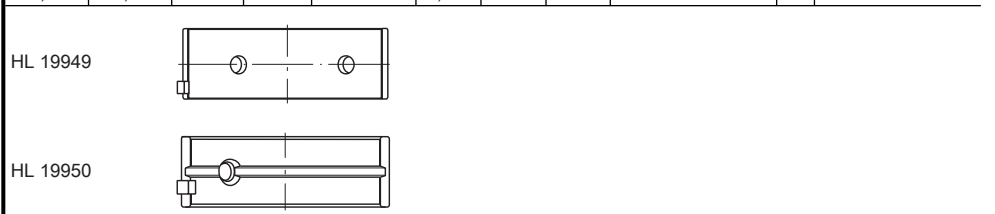
Ø 77 34

VJY (TUD5), VJZ (TUD5) R 4 Diesel, 1527 cm³, 40 - 43 kW (54 - 58 PS), 23:1, 8 Ventile AX 15 D 08/1994...12/1997 SAXO 1.5 D 09/1996...09/2003 XSARA 1.5 D 04/1997...09/2000	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,962	53,712	17,290	1,854	2.3.4.	0,023	M157	0,000	HL 19949	3	039 HS 19971 000
	49,981	53,731				0,086					
	49,962	53,712	17,290	1,854	1.5.	0,023	M157	0,000	HL 19950	2	
49,981	53,731				0,086						



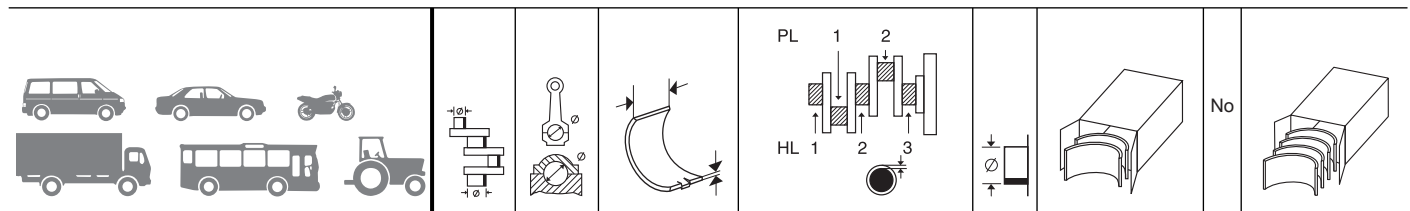
Ø 78,5 35

NFR (TU5JP4B), NFS (TU5JP4S), NFT, NFU (TU5JP4), NFV (TU5JP), NFX (TU5JP4), NFZ (TU5JP) R 4 Benzin, 1587 cm³, 65 - 90 kW (88 - 122 PS), 9,6:1 - 11:1 BERLINGO 1.6 10/2000...12/2009 C2 1.6 I 09/2003...03/2010 C3 I 1.6 02/2002...04/2005 C4 I 1.6 11/2004...06/2008 C4 I 1.6 I BIO-FLEX 09/2007...10/2009 SAXO 1.6 I 02/1996...04/2004 XSARA 1.6 09/2000...08/2005 XSARA 1.6 I 04/1997...09/2000 XSARA PICASSO 1.6 12/1999...01/2010 XSARA PICASSO 1.6 I 06/2000...04/2004	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,962	53,712	17,290	1,854	2.3.4.	0,023	M157	0,000	HL 19949	3	039 HS 19971 000
	49,981	53,731				0,086					
	49,962	53,712	17,290	1,854	1.5.	0,023	M157	0,000	HL 19950	2	
	49,981	53,731				0,086					



Ø 80 36

161 (XUD7) R 4 Diesel, 1769 cm³, 44 kW (60 PS), 23:1, 8 Ventile BX 19 D 10/1985...09/1993	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000
	50,000	53,708				0,089		0,300			030



Ø 80 **37**

161A (XUD7), A9A (XUD7) R 4 Diesel, 1769 cm³, 43 - 44 kW (58 - 60 PS), 23:1, 8 Ventile	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
BERLINGO 1.8 D BX 18 D C15 1.8 D VISA 17 D XSARA 1.8 D ZX 1.8 D	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	25,007 25,020	27,000 27,021	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	49,984 50,000	53,695 53,708	20,050	1,83		0,035 0,089	M157	0,000 0,300	PL 18030	4	039 PS 18037 000 030

Ø 80 **38**

A8A (XUD7TE), AJZ (XUD7TE) R 4 Diesel, 1769 cm³, 66 kW (90 PS), 22,5:1, 8 Ventile	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
BX 18 TRD BX 19 TRD	49,984 50,000	53,695 53,708	20,000	1,828		0,039 0,092	M114	0,000 0,300	PL 18020	4	007 PS 18021 000 030
	25,007 25,020	27,000 27,021	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	28,007 28,020	30,202 30,281	23,550 24,050	1,38 1,43			M100	Semi	BB 20287	4	039 BS 20288 300

Ø 82,2 **39**

WJX (DW8B) R 4 Diesel, 1868 cm³, 44 kW (60 PS), 23:1, 8 Ventile	25,007 25,020	27,000 27,021	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
C15 1.9 D	49,984 50,000	53,695 53,708	20,050	1,83		0,035 0,089	M157	0,000 0,300	PL 18030	4	039 PS 18037 000 030

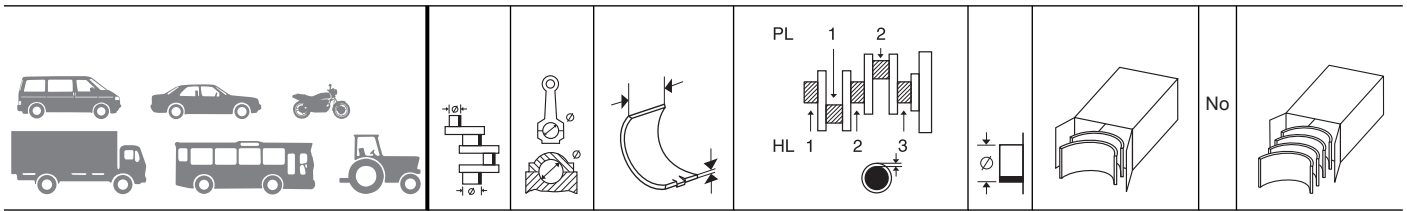
Ø 82,2 **40**

WJY (DW8B), WJZ (DW8) R 4 Diesel, 1868 cm³, 51 - 52 kW (69 - 71 PS), 23:1, 8 Ventile	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
BERLINGO 1.9 D JUMPY 1.9 D XSARA 1.9 D	25,007 25,020	27,000 27,021	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	49,984 50,000	53,695 53,708	20,050	1,83		0,035 0,089	M157	0,000 0,300	PL 18030	4	039 PS 18037 000 030

Ø 83 **41.1**

159A, D2A (XU92C), D2C (XU92C) R 4 Benzin, 1905 cm³, 70 - 77 kW (95 - 105 PS), 8,4:1 - 9,3:1, 8 Ventile	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
BX 19 BX 19 I	59,990 60,000	63,718 63,727	20,290	1,995	2.-5.	0,028 0,072	M810	0,300	HL 19953	4	039 HS 19968 030
	59,990 60,000	63,718 63,727	20,290	1,995	1.	0,028 0,072	M810	0,300	HL 19954	1	
	59,990 60,000	63,718 63,727	20,290	1,845	1.-5.	0,028 0,072	M810	0,000 0,300	HL 19953	5	039 HS 19970 000 030
	59,990 60,000	63,718 63,727	20,290	1,845	1.-5.	0,028 0,072	M810	0,000 0,300	HL 19954	5	
	49,984 50,000	53,695 53,708	20,250	1,836		0,023 0,077	M810	0,000 0,300	PL 19928	4	039 PS 19938 000 030
	49,984 50,000	53,695 53,708	20,250	1,842		0,020 0,065	M810	0,000 0,300	PL 19936	4	039 PS 19945 000 030

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Ø 83 - Fortsetzung / Continued

41.2

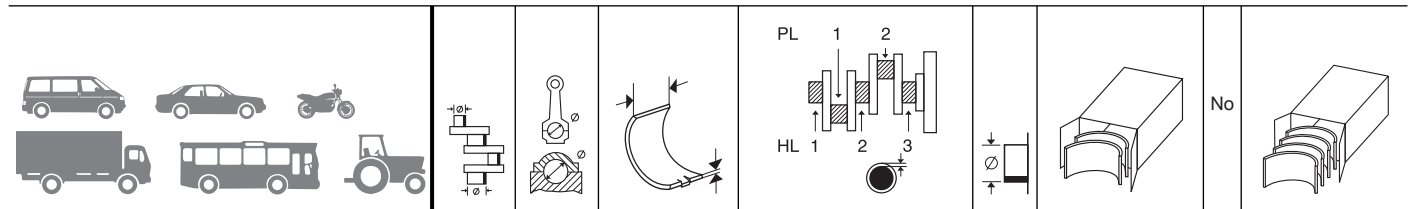
159A, D2A (XU92C), D2C (XU92C) R 4 Benzin, 1905 cm ³ , 70 - 77 kW (95 - 105 PS), 8,4:1 - 9,3:1, 8 Ventile BX 19 BX 19 I	44,975	48,655	22,250	1,813		0,030	M157	0,000	PL 20739	4	039 PS 20740 000
	44,990	48,676	22,500	1,819		0,054					
07/1986...12/1994	HL 19953										
07/1986...05/1989	HL 19954										
	HL 19953										
	HL 19954										
	PL 19928										
	PL 20739										

Ø 83

42.1

159B R 4 Benzin, 1905 cm ³ , 74 kW (101 PS), 9,5:1, 8 Ventile	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	59,990	63,718	20,290	1,995	2.-5.	0,028	M810	0,300	HL 19953	4	039 HS 19968 030
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,995	1.	0,028	M810	0,300	HL 19954	1	
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000 030
60,000	63,727				0,072		0,300	HL 19954	5		
59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5		
60,000	63,727				0,072		0,300				
49,984	53,695	20,250	1,836		0,023	M810	0,000	PL 19928	4	039 PS 19938 000 030	
50,000	53,708				0,077		0,300				

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Ø 83 - Fortsetzung / Continued

42.2

159B R 4 Benzin, 1905 cm³, 74 kW (101 PS), 9,5:1, 8 Ventile	44,975	48,655	22,250	1,813		0,030	M157	0,000	PL 20739	4	039 PS 20740 000	
	44,990	48,676	22,500	1,819		0,054						
	HL 19953											
	HL 19954											
	HL 19953											
	HL 19954											
	PL 19928											
PL 20739												

Ø 83

43

162 (XUD9), D9A (XUD9), DJY (XUD9A) R 4 Diesel, 1905 cm³, 47 - 52 kW (64 - 71 PS), 23,5:1, 8 Ventile BERLINGO 1.9 D BX 19 D C25 1.9 D JUMPER 1.9 D XSARA 1.9 D ZX 1.9 D	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000
	50,000	53,708				0,089		0,300			030

Ø 83

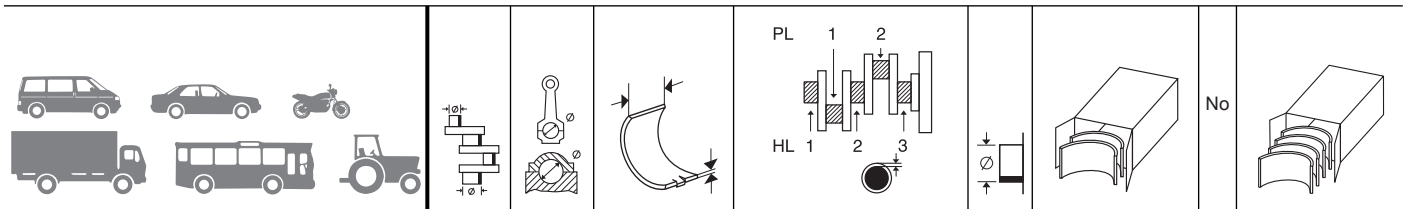
44

171A, 171B, 171C, 171D, 180A (XU5J), B1E (XU51C), B6D, B6E, XU52C R 4 Benzin, 1580 cm³, 53 - 85 kW (72 - 116 PS) BX 1.6 BX 15 BX 16 VISA 16 GTI	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									

Ø 83

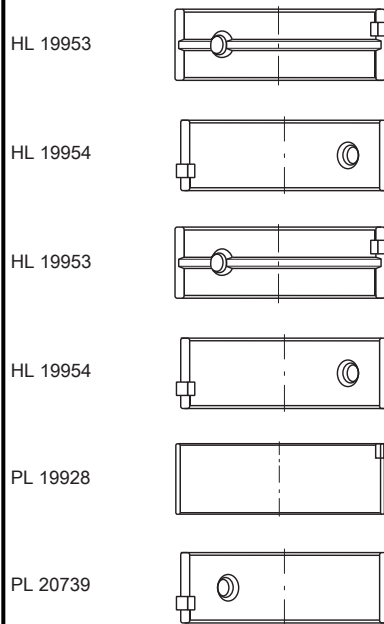
45

B1A (XU51C/K), BAY (XU5CP), BAZ (XU5CP), BDY (XU5M), BDZ (XU5M), BFZ (XU5JP) R 4 Benzin, 1580 cm³, 55 - 65 kW (75 - 89 PS), 9:1 - 9,5:1, 8 Ventile BX 16 BX 16 E XANTIA 1.6 I ZX 1.6 ZX 1.6 I D2E, D2F R 4 Benzin, 1905 cm³, 78 - 80 kW (106 - 109 PS), 9:1 - 9,3:1, 8 Ventile BX 19 BX 19 E	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000
	60,000	63,727				0,072		0,300			030
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5	
	60,000	63,727				0,072		0,300			
HL 19953											
HL 19954											



Ø 83 46

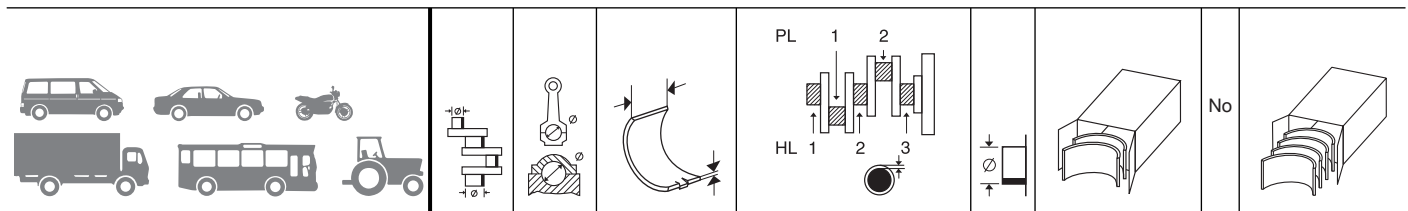
D6A (XU9J2) R 4 Benzin, 1905 cm ³ , 90 - 92 kW (122 - 125 PS), 9,3:1, 8 Ventile BX 19 GTI BX 19 TZI 07/1986...02/1993 02/1992...12/1994	59,990	63,718	20,290	1,995	2.-5.	0,028	M810	0,300	HL 19953	4	039 HS 19968 030
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,995	1.	0,028	M810	0,300	HL 19954	1	
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000 030
	60,000	63,727				0,072		0,300		5	
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5	
60,000	63,727				0,072		0,300				
49,984	53,695	20,250	1,836		0,023	M810	0,000	PL 19928	4	039 PS 19938 000 030	
50,000	53,708				0,077		0,300				
49,984	53,695	20,250	1,842		0,020	M810	0,000	PL 19936	4	039 PS 19945 000 030	
50,000	53,708				0,065		0,300				
44,975	48,655	22,250	1,813		0,030	M157	0,000	PL 20739	4	039 PS 20740 000	
44,990	48,676	22,500	1,819		0,054						



Ø 83 47.1

D6C (XU9J4), DDZ (XU9M), DFW (XU9J4), DKZ (XU9JA) R 4 Benzin, 1905 cm ³ , 80 - 110 kW (109 - 150 PS), 9,2:1 - 9,7:1, 16 Ventile BX 19 BX 19 E BX 19 GTI ZX 1.9 I 06/1988...12/1994 06/1988...02/1993 09/1987...02/1993 03/1991...06/1997	59,990	63,718	20,290	1,995	2.-5.	0,028	M810	0,300	HL 19953	4	039 HS 19968 030
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,995	1.	0,028	M810	0,300	HL 19954	1	
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000 030
	60,000	63,727				0,072		0,300		5	
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5	
60,000	63,727				0,072		0,300				
49,984	53,695	20,250	1,842		0,020	M810	0,000	PL 19936	4	039 PS 19945 000 030	
50,000	53,708				0,065		0,300				

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Ø 83 - Fortsetzung / Continued

47.2

D6C (XU9J4), DDZ (XU9M), DFW (XU9J4), DKZ (XU9JA) R 4 Benzin, 1905 cm³, 80 - 110 kW (109 - 150 PS), 9,2:1 - 9,7:1, 16 Ventile BX 19 06/1988...12/1994 BX 19 E 06/1988...02/1993 BX 19 GTI 09/1987...02/1993 ZX 1.9 I 03/1991...06/1997	44,975	48,655	22,250	1,813		0,030	M157	0,000	PL 20739	4	039 PS 20740 000
	44,990	48,676	22,500	1,819		0,054					
	HL 19953										
	HL 19954										
	HL 19953										
	HL 19954										
PL 20739											

Ø 83

48

D6E (XU9JA) R 4 Diesel, 1905 cm³, 93 kW (126 PS), 9,2:1, 8 Ventile ZX 1.9 03/1991...06/1997	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000 030
	60,000	63,727				0,072		0,300			
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5	
	60,000	63,727				0,072		0,300			
HL 19953											
HL 19954											

Ø 83

49

D8A R 4 Diesel, 1905 cm³, 66 - 68 kW (90 - 92 PS), 21,8:1, Turbo, LLK	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							

Ø 83

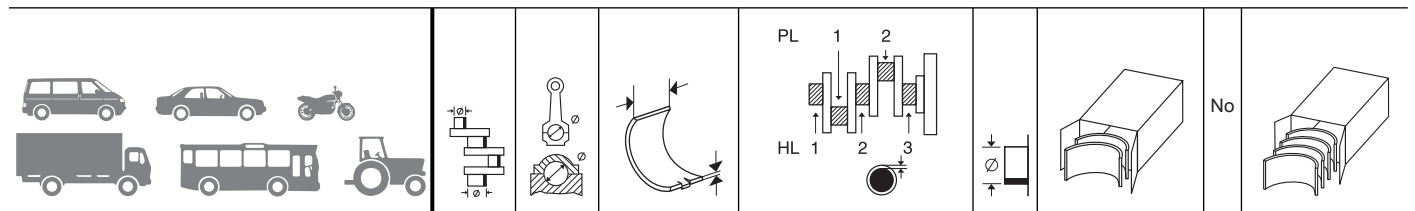
50

D8B (XUD9TF), DHX (XUD9TF/BTF) R 4 Diesel, 1905 cm³, 66 - 68 kW (90 - 92 PS), 21,8:1, 8 Ventile EVASION 1.9 D 10/1995...12/1998 EVASION 1.9 TD 11/1994...07/2002 JUMPER 1.9 TD 03/1994...04/2002 JUMPY 1.9 TD 10/1995...12/2006 XANTIA 1.9 TURBO D 10/1994...04/2003	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030	
	60,000	63,750	20,290	1,845		0,103		0,300				
		49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000 030
		50,000	53,708				0,092		0,300			
		25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
		25,020	27,021									
	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300	
	28,020	30,281	24,050	1,43								

Ø 83

51

D8C (XUD9UTF) R 4 Diesel, 1905 cm³, 66 - 68 kW (90 - 92 PS), 21,8:1, 8 Ventile JUMPER 1.9 TD 02/1994...04/2002	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030	
	60,000	63,750	20,290	1,845		0,103		0,300				
		25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
		25,020	27,021									
		28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
		28,020	30,281	24,050	1,43							
	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000 030	
	50,000	53,708				0,089		0,300				



Ø 83 **52**

D9B (XUD9A/L), D9B (XUD9A/U), DJZ (XUD9Y) R 4 Diesel, 1905 cm³, 47 - 51 kW (65 - 69 PS), 23,5:1, 8 Ventile	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
BERLINGO 1.9 D BX 19 D C25 1.9 D JUMPER 1.9 D JUMPY 1.9 D XANTIA 1.9 D ZX 1.9 D	07/1996...10/2002 09/1983...12/1994 07/1987...02/1994 02/1994...04/2002 09/1995...12/2000 06/1993...01/1998 03/1991...10/1997	67,050 83,050 67,300	83,050 83,300		2,33		M250	0,000	AL 19961	4	039 AS 19967 000
		25,007 25,020	27,000 27,021	24,050			M114	Semi	BB 18760	4	039 BS 18761 300
		49,984 50,000	53,695 53,708	20,050	1,83	0,035 0,089	M157	0,000 0,300	PL 18030	4	039 PS 18037 000 030

Ø 83 **53**

DHV (XUD9BSD) R 4 Diesel, 1905 cm³, 55 kW (75 PS), 8 Ventile XSARA 1.9 SD	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	01/1998...09/2000	49,984 50,000	53,695 53,708	20,000	1,828	0,039 0,092	M114	0,000 0,300	PL 18020	4	007 PS 18021 000 030

Ø 83 **54**

DHW (XUD9SD) R 4 Diesel, 1905 cm³, 50 - 55 kW (68 - 75 PS), 23:1, 8 Ventile XANTIA 1.9 SD	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	02/1996...04/2003	49,984 50,000	53,695 53,708	20,000	1,828	0,039 0,092	M114	0,000 0,300	PL 18020	4	007 PS 18021 000 030
		25,007 25,020	27,000 27,021	24,050			M114	Semi	BB 18760	4	039 BS 18761 300

Ø 83 **55**

DHY (XUD9TE/Y) R 4 Diesel, 1905 cm³, 66 kW (90 PS), 21,8:1, 8 Ventile XANTIA 1.9 TURBO D XSARA 1.9 TD ZX 1.9 DT ZX 1.9 TD	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	10/1994...04/2003 04/1997...09/2000 06/1992...06/1994 07/1992...10/1997	28,007 28,020	30,202 30,281	23,550 24,050	1,38 1,43		M100	Semi	BB 20287	4	039 BS 20288 300

Ø 83 **56**

LFX (XU7JB), LFZ (XU7JP) R 4 Benzin, 1761 cm³, 66 - 74 kW (90 - 101 PS), 9,3:1, 8 Ventile BERLINGO 1.8 I EVASION 1.8 I XANTIA 1.8 I XSARA 1.8 I ZX 1.8 ZX 1.8 I	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	04/1997...10/2002 05/1997...07/2002 03/1993...04/2003 04/1997...09/2000 07/1994...10/1997 07/1992...10/1997	59,990 60,000 59,990 60,000 44,975 44,990	63,718 63,727 63,718 63,727 48,655 48,676	20,290 20,290	1,845 1,845	1.-5. 1.-5.	0,028 0,072 0,028 0,072 0,030 0,054	0,000 0,300 0,000 0,300 0,000	HL 19953 HL 19954 PL 20739	5 5 4	039 HS 19970 000 030 039 PS 20740 000
LFY (XU7JP4) R 4 Benzin, 1762 cm³, 81 - 85 kW (110 - 116 PS), 10,4:1, 16 Ventile XANTIA 1.8 I XSARA 1.8 I XSARA 1.8 LPG XSARA COUPE 1.8 LPG ZX 1.8 ZX 1.8 I			HL 19953								
	07/1995...04/2003 04/1997...09/2000 05/1998...08/2000 01/1998...08/2000 04/1996...10/1997 01/1996...02/1998			HL 19954							
				PL 20739							

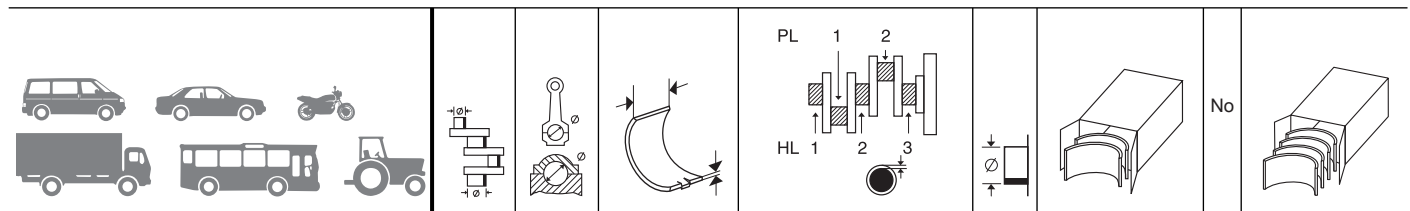
Ø 84 **57**

169 (XM7T) R 4 Benzin, 1796 cm³, 49 - 51 kW (69 PS), 7,5:1, 8 Ventile C25 1.8 E	49,975	53,655	23,400	1,812		0,028	M157	0,000	PL 10067	4	039 PS 10066 000
	49,991	53,674		1,818		0,075		0,300 0,500			030 050
	07/1987...02/1994										

Ø 85 **58.1**

4HT (DW12BTED4), DW12TED R 4 Diesel, 2179 cm³, 74 kW (101 PS), 16 Ventile C5 II 2.2 HDI C5 III 2.2 HDI C6 2.2 HDI	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	04/2006...01/2008 02/2008...06/2010 06/2006...	67,050 67,300	83,050 83,300		2,33		M250	0,000	AL 19961	4	039 AS 19967 000

Fortsetzung nächste Seite / Continued on next page



Ø 85 - Fortsetzung / Continued

58.2

DW10BTED4, RHH (DW10CTED4), RHJ (DW10BTED4), RHR (DW10BTED4) R 4 Diesel, 1997 cm³, 100 - 120 kW (136 - 163 PS), 16:1 - 18:1, 16 Ventile C4 I 2.0 HDI 11/2004...06/2008 C4 GRAND PICASSO I 2.0 HDI 10/2006...09/2013 C4 PICASSO I 2.0 HDI 01/2007...10/2013 C5 II 2.0 HDI 09/2004...01/2008 C5 III 2.0 HDI 02/2008...04/2009 C8 2.0 HDI 03/2006... DS4 2.0 HDI 04/2011... DS5 2.0 HDI 11/2011... JUMPY 2.0 HDI 01/2007...07/2010	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000

Ø 85

59

4HW (DW12TED4), 4HX (DW12TED4/FAP) R 4 Diesel, 2179 cm³, 94 - 98 kW (128 - 133 PS), 16 Ventile C5 I 2.2 HDI 03/2001...08/2004 C5 II 2.2 HDI 09/2004...01/2008 C8 2.2 HDI 07/2002...05/2006	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	49,984 50,000	53,695 53,708	20,000	1,828		0,039 0,092	M114	0,000 0,300	PL 18020	4	007 PS 18021 000 030
	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	59,991 60,000	63,731 63,741	19,240 19,490	1,85 1,856			M157	0,000 0,300	HL 20281	5	039 HS 20282 000 030

Ø 85

60

DW10UTD, RHK (DW10UTED4), RHM (DW10ATED4), RHS (DW10ATED), RHT (DW10ATED4), RHX (DW10BTED), RHY (DW10TD), RHZ (DW10ATED) R 4 Diesel, 1997 cm³, 62 - 88 kW (84 - 120 PS) BERLINGO 2.0 HD 12/1999...10/2002 C4 I 2.0 HDI 04/2007... C5 I 2.0 HDI 03/2001...08/2004 C8 2.0 HDI 07/2002...02/2007 EVASION 2.0 HDI 08/1999...07/2002 JUMPER 2.0 HDI 11/2001...07/2006 JUMPY 2.0 HDI 10/1999...01/2007 JUMPY 2.0 HDI 120 4X4 01/2010... XANTIA 2.0 HDI 02/1999...04/2003 XSARA 2.0 HDI 02/1999...08/2005 XSARA PICASSO 2.0 HDI 12/1999...12/2005	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	28,007 28,020	30,202 30,281	23,550 24,050	1,38 1,43			M100	Semi	BB 20287	4	039 BS 20288 300
	59,991 60,000	63,731 63,741	19,240 19,490	1,85 1,856			M157	0,000 0,300	HL 20281	5	039 HS 20282 000 030

Ø 85

61

P8A (XUD11ATE), PHZ (XUD11ATE), PJZ (XUD11ATE) R 4 Diesel, 2088 cm³, 80 - 81 kW (109 - 110 PS), 21,5:1, 12 Ventile XM 2.1 TD 05/1989...10/2000	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030

Ø 85

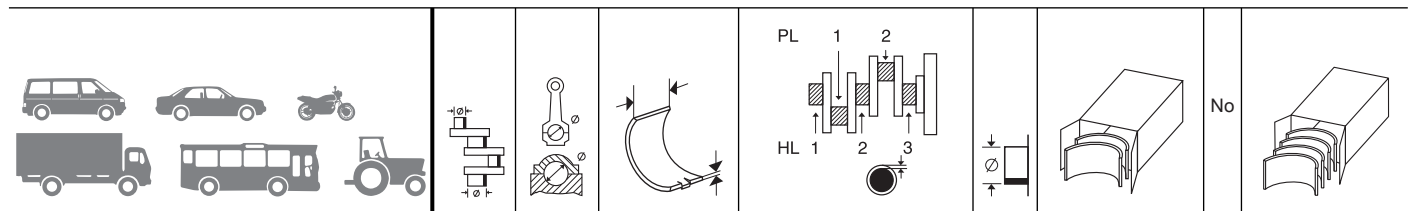
62

P8C (XUD11BTE) R 4 Diesel, 2088 cm³, 80 kW (109 PS), 21,5:1, 12 Ventile EVASION 2.1 TD 05/1996...07/2002 XANTIA 2.1 TURBO D 07/1995...02/1999 XM 2.1 TD 11/1991...10/2000	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	49,984 50,000	53,695 53,708	21,950	1,843		0,020 0,064	M810	0,000 0,300	PL 19933	4	039 PS 19946 000 030
HL 18018											
PL 19933											




Ø 85

63




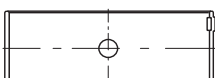

RHV (DW10TD) R 4 Diesel, 1997 cm³, 62 kW (84 PS), 18:1, 8 Ventile JUMPER 2.0 HDI 04/2002...07/2006	28,007 28,020	30,202 30,281	23,550 24,050	1,38 1,43			M100	Semi	BB 20287	4	039 BS 20288 300
	59,991 60,000	63,731 63,741	19,240 19,490	1,85 1,856			M157	0,000 0,300	HL 20281	5	039 HS 20282 000 030



Ø 85											64
RHW (DW10ATED4) R 4 Diesel, 1997 cm ³ , 79 - 80 kW (107 - 109 PS), 18:1, 16 Ventile C8 2.0 HDI EVASION 2.0 HDI JUMPY 2.0 HDI	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							
	59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000
	60,000	63,741	19,490	1,856				0,300			030

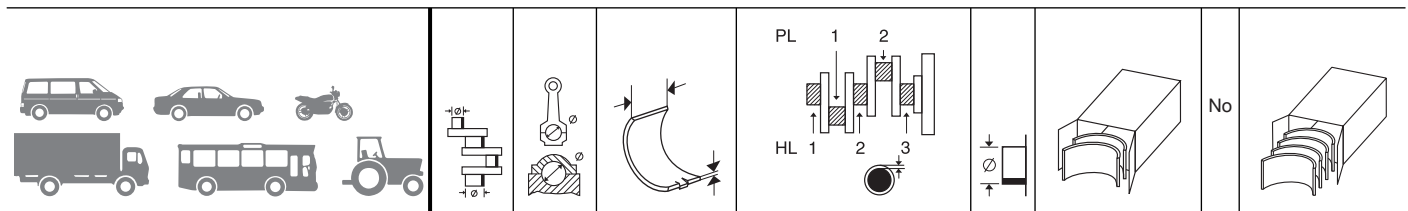
Ø 86											65
P9A (XUD11A) R 4 Diesel, 2138 cm ³ , 60 - 61 kW (82 - 83 PS), 22,5:1 XM 2.1 D	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	49,984	53,695	21,950	1,843		0,020	M810	0,000	PL 19933	4	039 PS 19946 000
	50,000	53,708				0,064		0,300			030
RFX (XU10J2C), RGX (XU10J2TE), RGY (XU10J2TE/Z) R 4 Benzin, 1998 cm ³ , 89 - 108 kW (120 - 147 PS), 8 Ventile EVASION 2.0 T XANTIA 2.0 I XANTIA 2.0 TURBO XM 2.0 I TURBO XM 2.0 TURBO ZX 2.0 I	HL 18018   PL 19933 										

Ø 86											66
R6A, RDZ (XU10MZ), RFU (XU10J2/C), RFW (XU10J2U), RFX XU10J2C/Z L3, XU10J2 R 4 Benzin, 1998 cm ³ , 79 - 96 kW (107 - 131 PS), 8,8:1 - 9,5:1 EVASION 2.0 I JUMPER 2.0 JUMPER 2.0 BIVALENT XM 2.0 XM 2.0 I	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030

Ø 86											67
RFT (XU10J4/Z), RFV (XU10J4R), RFY (XU10J4/Z) R 4 Benzin, 1998 cm ³ , 97 - 112 kW (132 - 152 PS), 10,4:1, 16 Ventile EVASION 2.0 I XANTIA 2.0 I XM 2.0 I XSARA 2.0 ZX 2.0 I	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	49,984	53,695	20,250	1,836		0,023	M810	0,000	PL 19928	4	039 PS 19938 000
	50,000	53,708				0,077		0,300			030
	49,984	53,695	21,950	1,843		0,027	M810	0,000	PL 19929	4	039 PS 19939 000
	50,000	53,708				0,081		0,300			030
	49,984	53,695	21,950	1,843		0,020	M810	0,000	PL 19933	4	039 PS 19946 000
	50,000	53,708				0,064		0,300			030
HL 18018   PL 19928  PL 19929  PL 19933 											

Ø 86											68.1
RFZ (XU10J2) R 4 Benzin, 1998 cm ³ , 89 - 90 kW (121 - 122 PS), 8 Ventile XM 2.0 I	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	49,984	53,695	20,250	1,836		0,023	M810	0,000	PL 19928	4	039 PS 19938 000
	50,000	53,708				0,077		0,300			030

Fortsetzung nächste Seite / Continued on next page



Ø 86 - Fortsetzung / Continued

68.2

RFZ (XU10J2) R 4 Benzin, 1998 cm ³ , 89 - 90 kW (121 - 122 PS), 8 Ventile XM 2.0 I 05/1989...06/1994	49,984	53,695	21,950	1,843		0,027	M810	0,000	PL 19929	4	039 PS 19939 000 030
	50,000	53,708				0,081		0,300			
	HL 18018										
PL 19928											
PL 19929											

Ø 86

69

XU102C R 4 Benzin, 1998 cm ³ , 79 kW (107 PS), 8,8:1, 8 Ventile XM 2.0 I 11/1991...04/1994	49,984	53,695	20,250	1,836		0,023	M810	0,000	PL 19928	4	039 PS 19938 000 030
	50,000	53,708				0,077		0,300			
	PL 19928										
PL 19929											

Ø 86,4

70

1580 SPI, 220 A2.000 R 4 Benzin, 1581 cm ³ , 58 - 60 kW (79 - 81 PS), 9,2:1, 8 Ventile JUMPY 1.6 I 10/1995...12/2006	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
	PL 19928										
PL 19929											

Ø 88

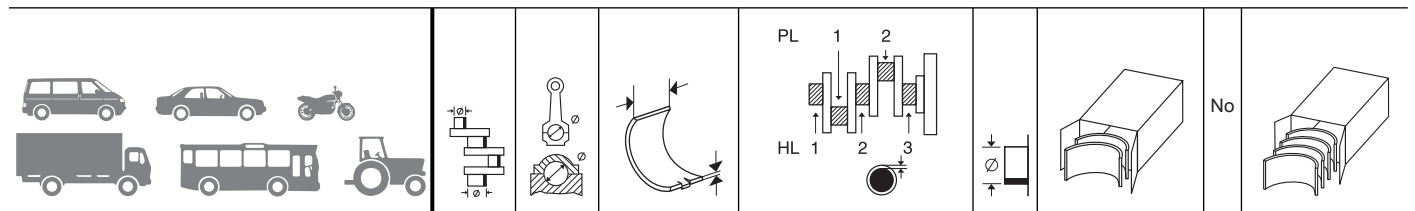
71

170A (XN1T), 170B (XN1T), 170C (XN1T) R 4 Benzin, 1971 cm ³ , 58 - 62 kW (79 - 84 PS), 8:1 - 8,1:1, 8 Ventile C25 2.0 C25 2.0 E 01/1987...03/1994 09/1981...03/1994	49,975	53,655	23,400	1,812		0,028	M157	0,000	PL 10067	4	039 PS 10066 000 030 050
	49,991	53,674		1,818		0,075		0,300			
	PL 19928										

Ø 88

72

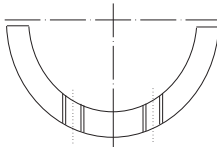
829 A5 R 4 Benzin, 1995 cm ³ , 75 - 78 kW (102 - 106 PS), 9,2:1, 8 Ventile CX I 2000 CX II 20 06/1979...08/1985 08/1985...12/1992	71,450	88,090		2,85			M817	0,000	AL 19990	2	021 AS 20008 000 010	
	62,873	66,668	23,500	1,884	1.-5.	0,020	M157	0,000	HL 20014	5		021 HS 20005 000 025 <small>01/1980...12/1981</small>
	62,892	66,687				0,071		0,250				
AL 19990												
HL 20014												



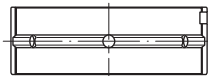
Ø 88 73

J6T A500 R 4 Benzin, 2165 cm³, 83 - 85 kW (113 - 115 PS), 9,8:1, Hub 89mm, 8 Ventile CX I 2200 CX II 22 TRS	06/1981...08/1985	71,450	88,090		2,85			M250	0,000 0,100	AL 19989	2	021 AS 20007 000 010
	07/1985...12/1992	62,873 62,892	66,668 66,687	23,500	1,884	1.-5.	0,020 0,071	M157	0,000 0,250	HL 20014	5	021 HS 20005 000 025
		56,267 56,286	60,005 60,019	20,750	1,842			M157	0,000	PL 19977	4	021 PS 19997 000

AL 19989



HL 20014



PL 19977



Ø 90 74

M22-617 R 4 Benzin, 2175 cm³, 82 kW (112 PS), 9:1, 8 Ventile CX I 2200	09/1974...07/1976	49,984 50,000	53,695 53,708	20,250	1,836		0,023 0,077	M810	0,000 0,300	PL 19928	4	039 PS 19938 000 030
		49,984 50,000	53,695 53,708	21,950	1,843		0,027 0,081	M810	0,000 0,300	PL 19929	4	039 PS 19939 000 030
		49,984 50,000	53,695 53,708	21,950	1,843		0,020 0,064	M810	0,000 0,300	PL 19933	4	039 PS 19946 000 030

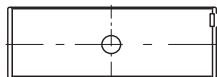
M23-622, M23-639
 R 4 Benzin, 2347 cm³, 88 - 96 kW (119 - 130 PS),
 8,8:1
 CX I 2400
 CX I 2400 GTI

05/1980...05/1982
 06/1977...06/1983

PL 19928



PL 19929



PL 19933

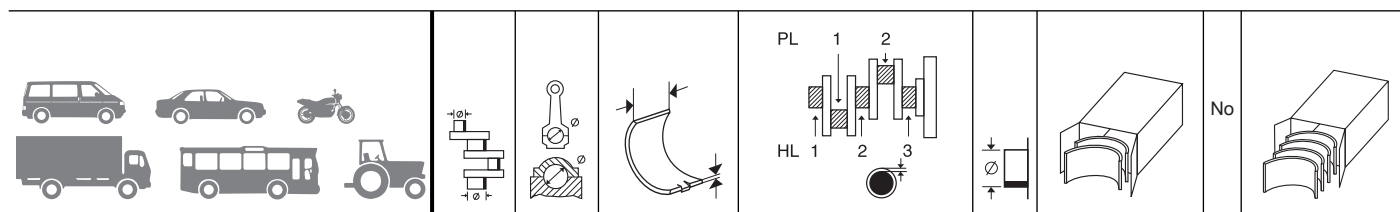


Ø 92 75

T8A (DJ5T), T9A (DJ5), THY (DK5ATE) R 4 Diesel, 2446 cm³, 63 - 95 kW (86 - 129 PS), Hub 92mm, 3 Ventile JUMPER 2.5 D XM 2.5 TD	03/1994...04/2002	34,000	37,117	27,200 27,700	1,60 1,68			M100	Semi	BB 20269	4	039 BS 20270 300
	05/1994...10/2000	53,981 54,000	57,675 57,695	22,400 22,650	1,815 1,821		0,043 0,094	M218	0,000 0,300	PL 20501	4	039 PS 20502 000 030

Ø 94,4 76

8140.43N R 4 Diesel, 2798 cm³, 107 kW (146 PS), 18,5:1, 8 Ventile JUMPER 2.8 HDI	05/2004...07/2006	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403 344183</small>
		86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
		80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
		56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220



Ø 94,4

77

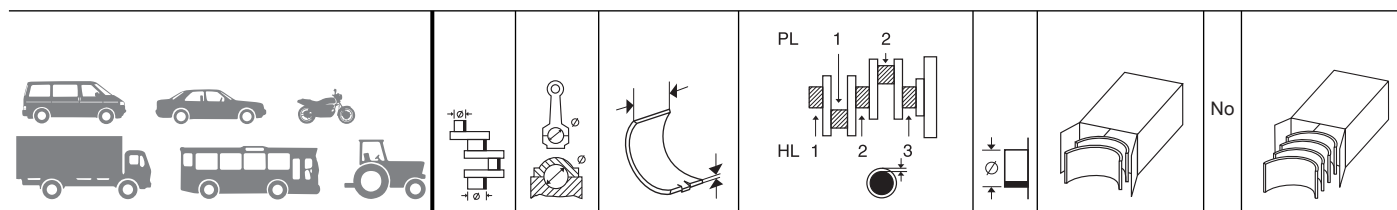
8140.43S R 4 Diesel, 2798 cm³, 92 - 94 kW (125 - 128 PS), 18,5:1, 8 Ventile JUMPER 2.8 HDI 09/2000...07/2006	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	31,996	34,920	30,700	1,75							
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	86,208	90,614	30,950	2,174		0,104		0,254			
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
	80,208	84,614	23,800	2,174		0,102		0,254			
	76,171	80,587	31,900	2,164	5.	0,032	M900	0,000	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1994</small>
	76,200	80,616	31,950	2,174		0,104		0,254			
	76,171	80,587	24,610	2,164	1.2.3.4.	0,039	M900	0,000	HL 20368	4	
	76,200	80,616	24,990	2,174		0,117		0,254			
76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>	
76,200	80,607	31,950	2,172		0,094		0,254				
76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4		
76,200	80,607	25,000	2,172		0,094		0,254				
56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>	
56,534	60,348	24,690	1,884		0,092		0,254				
56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220 <small>01/1978...01/1982</small>	
56,535	60,345	24,700	1,899		0,075		0,254				
56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210 <small>01/1983...12/1992</small>	
56,535	60,345	24,700	1,871		0,075		0,254				



Ø 94,4

78

8140.63 (F28D), F28TDCR R 4 Diesel, 2798 cm³, 64 - 94 kW (87 - 128 PS), 8 Ventile JUMPER 2.8 D JUMPER 2.8 HDI 01/1999...02/2002 02/2002...06/2006	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200 210 220 230
	86,208	90,614	30,950	2,174		0,104		0,508			
80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4		
80,208	84,614	23,800	2,174		0,102		0,254				
56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210	
56,535	60,345	24,700	1,871		0,075		0,254				



DACIA

Ø 73 1

810-02-99 R 4 Benzin, 1289 cm³, 40 kW (54 PS), 8,5:1, 8 Ventile 1300 1.3 1310 1.3 12/1972...05/1983 05/1983...07/2004	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000						0,100			010
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050
PL 18158											

Ø 76 2

C2J 4 Benzin, 1397 cm³, 48 kW (65 PS), 9:1, 8 Ventile NOVA 1.4 04/1996...03/2001	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000						0,100			010
	54,784	58,731	19,500	1,95		0,026	M157	0,000	HL 20016	5	021 HS 20004 000
	54,805	58,750				0,090		0,250			025
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050
PL 18158											

Ø 76 3

K9K 612, K9K 790, K9K 792, K9K 796 4 Diesel, 1461 cm³, 48 - 66 kW (65 - 90 PS), 8 Ventile DOKKER 1.5 DCI DUSTER 1.5 DCI LODGY 1.5 DCI LOGAN 1.5 DCI LOGAN II 1.5 DCI LOGAN MCV II 1.5 DCI SANDERO 1.5 DCI SANDERO II 1.5 DCI 11/2012...12/2012 04/2010... 03/2012... 09/2005...06/2013 10/2012...02/2013 02/2013... 11/2008...10/2012 01/2013...	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	5	021 HS 20154 000
	48,010	51,942	19,500	1,949		0,064		0,250			025
	43,960	47,610	20,500	1,805		0,009	M114	0,000	PL 20513	2	021 PS 20515 000
	43,980	47,628	20,750	1,815		0,065		0,250			025
								0,500			050
	43,960	47,610	17,500	1,798		0,009	M157	0,000	PL 20514	2	
	43,980	47,628	17,750	1,806		0,065		0,250			050
								0,500			

Ø 79,5 4

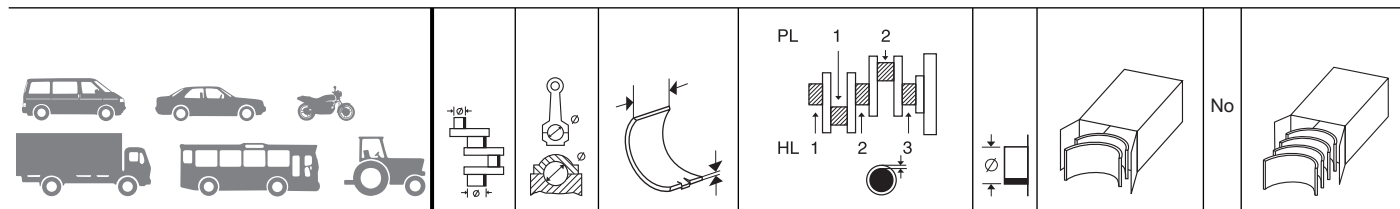
K4M 606, K4M 690, K4M 694, K4M 696, K7M 800 R 4 Benzin, 1598 cm³, 62 - 77 kW (84 - 105 PS), 9,5:1 - 9,8:1, 16 Ventile DUSTER 1.6 DUSTER 1.6 16V HI-FLEX LOGAN 1.6 LOGAN 1.6 BIFUEL LOGAN 1.6 MPI SANDERO 1.6 SANDERO 1.6 16V SANDERO 1.6 BIFUEL SANDERO II 1.6 16V 04/2010...06/2010 04/2011... 02/2006...06/2013 05/2010...09/2012 05/2010...06/2013 10/2010...10/2012 07/2011...10/2012 01/2011...10/2012 01/2013...	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	5	021 HS 20154 000
	48,010	51,942	19,500	1,949		0,064		0,250			025
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050
PL 18158											

Ø 79,5 5

K7J 710, K7J 714 R 4 Benzin, 1390 cm³, 53 - 55 kW (72 - 75 PS), 9,5:1 LOGAN 1.4 SANDERO 1.4 I SANDERO 1.4 LPG SOLENZA 1.4 09/2004...06/2013 06/2008...10/2012 01/2009...10/2012 02/2003...03/2005	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000						0,100			010
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050
PL 18158											

Ø 79,5 6

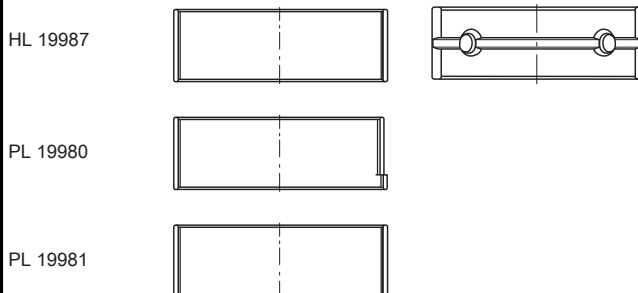
K7M 690, K7M 710, K7M 718, K7M 732 R 4 Benzin, 1598 cm³, 62 - 64 kW (84 - 87 PS), 9,5:1, 8 Ventile LOGAN 1.6 LOGAN 1.6 BIFUEL LOGAN 1.6 I SANDERO 1.6 I 02/2007...06/2013 11/2008...06/2013 09/2004...09/2012 06/2008...10/2012	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050
PL 18158											



Ø 80

7

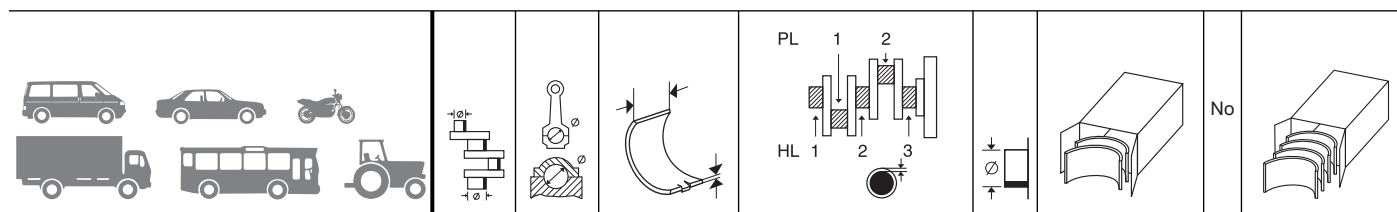
F8Q 600 R 4 Diesel, 1870 cm³, 44 - 48 kW (60 - 65 PS), 21,5:1, 8 Ventile	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	021 HS 20012 000
	54,795	58,744				0,094					
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
	48,020	51,600	20,500	1,768		0,084					
	48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000
	48,020	51,600				0,089		0,250			



Ø 80

8

F8Q 630 R 4 Diesel, 1870 cm³, 46 - 48 kW (63 - 65 PS), 21,5:1, 8 Ventile SOLENZA 1.9 D	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
											02/2003...03/2005

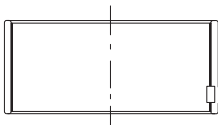


DAEWOO

Ø 76,5 1

A15MF, A15SMS R 4 Benzin, 1498 cm³, 63 - 73 kW (86 - 99 PS), 9,2:1 - 9,5:1, 16 Ventile ESPERO 1.5 I LANOS 1.5 NEXIA 1.5	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	

PL 19219



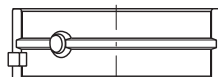
PL 19738



Ø 86 2

C20LE, C20LZ, C 20 NE, L88, X 20 SED, X 20 XEV, Z20L R 4 Benzin, 1998 cm³, 74 - 100 kW (101 - 136 PS), 8,8:1 - 10:1 BROUGHAM 2.0 ESPERO 2.0 I EVANDA 2.0 I LEGANZA 2.0 I NUBIRA 2.0 REZZO 2.0 I	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	20,300	1,50		0,020 0,066	M114	0,000	PL 19224	4	011 PS 19225 000
	48,971 48,987	52,000 52,012	20,300	1,50		0,020 0,066	M114	0,000	PL 19224	4	

HL 18119

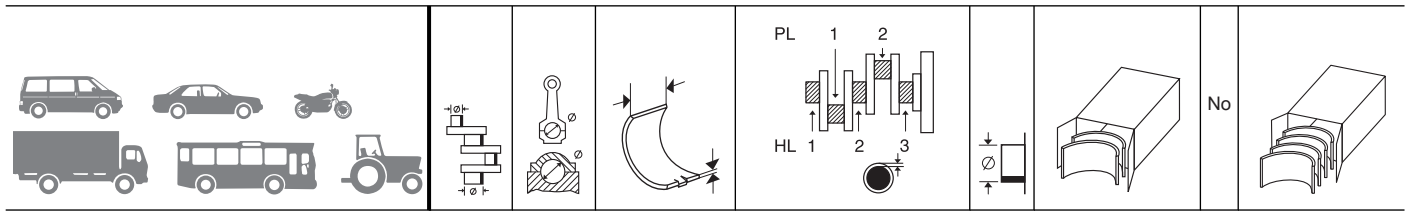


Ø 89,9 3


M 104.992, .995 R 6 Benzin, 3199 cm³, 154 - 156 kW (209 - 212 PS), 9,2:1, 24 Ventile KORANDO 3.2 I	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050
	47,950 47,965	51,600 51,619	21,800	1,815		0,020 0,064	M114	0,000 0,250	PL 18045	6	

Ø 90,9 4

M 111.970 R 4 Benzin, 2295 cm³, 103 - 110 kW (140 - 150 PS), 10,4:1, 16 Ventile MUSSO 2.3 I	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	21,995 22,000	24,500 24,521	21,900	1,38 1,43			M114	Semi	BB 18752	4	001 BS 18782 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	



DAF

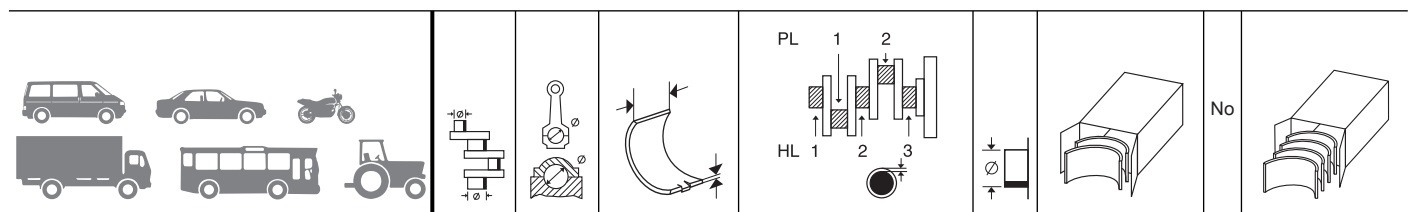
Ø 73											1	
B13,0S 4 Benzin, 1298 cm³, 42 kW (57 PS)	43,960	47,614	17,625	1,80			0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050
	43,980	47,625		1,806			0,065		0,250			
	PL 18158 											

Ø 92											2		
DJ5T R 4 Diesel, 2446 cm³, 76 - 96 kW (103 - 131 PS), 22:1, 12 Ventile	34,000	37,117	27,200	1,60				M100	Semi	BB 20269	4	039 BS 20270 300	
	53,981	57,675	22,400	1,815			0,043	M218	0,000	PL 20501	4		039 PS 20502 000 030
	54,000	57,695	22,650	1,821			0,094		0,300				

Ø 94											3	
XD3P R 4 Diesel, 2497 cm³, 51 - 58 kW (70 - 79 PS), 23:1, 8 Ventile	67,000	84,750		2,30				M250	0,000	AL 18015	4	039 AS 18014 000
	67,250	85,000		2,35								
	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	039 HS 10075 000 050	
	60,021	63,750	30,000	1,835		0,098		0,500				
	59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2		
60,021	63,750	24,000	1,835		0,098		0,500					
54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000 030 050 080 100		
55,021	58,750	29,000	1,845		0,092		0,300					
							0,500					

Ø 94											4	
XD3T R 4 Diesel, 2497 cm³, 54 - 70 kW (73 - 95 PS), 21:1, 8 Ventile	67,000	84,750		2,30				M250	0,000	AL 18015	4	039 AS 18014 000
	67,250	85,000		2,35								
	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	039 HS 10075 000 050	
	60,021	63,750	30,000	1,835		0,098		0,500				
	59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2		
	60,021	63,750	24,000	1,835		0,098		0,500				
	54,994	58,731	21,750	1,829	2.4.	0,052	M157	0,000	HL 20478	2	039 HS 20480 000 030 050 080	
	55,009	58,750	22,000	1,835		0,098		0,300				
								0,500				
	54,994	58,731	29,750	1,829	1.3.5.	0,052	M157	0,000	HL 20479	3		
55,009	58,750	30,000	1,835		0,098		0,300					
54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000 030 050 080 100		
55,021	58,750	29,000	1,845		0,092		0,500					
							0,800					
49,984	53,695	28,750	1,866		0,051	M157	0,100	PL 20483	4	039 PS 20484 010 030 050 080		
50,000	53,708	29,000	1,922		0,092		0,300					

Ø 100,61											5	
DA 475 R 6 Diesel, 4713 cm³, 66 - 100 kW (90 - 136 PS), 16,5:1	81,790	103,840		2,311				M157	0,000	AL 20426	4	137 AS 20427 200
	82,040	104,090		2,362								
DD 575 R 6 Diesel, 5750 cm³, 77 kW (105 PS), 16:1, 12 Ventile AZ 1900 FA 1100 F 1200 F 1400 F 900	78,740	82,880	40,400	2,027	1.4.7.	0,048	M800	0,000	HL 20421	3	137 HS 20423 200	
	78,752	82,905	40,600	2,04		0,111						
	78,740	82,880	27,200	2,027	2.3.5.6.	0,048	M800	0,000	HL 20422	4		
	78,752	82,905	27,400	2,04		0,111						
DS 575 R 6 Diesel, 5752 cm³, 121 kW (165 PS), 16:1												



Ø 104,17

6

DF 615, DT 615 R 6 Diesel, 6170 cm³, 45 - 123 kW (61 - 168 PS), 16:1 FA 1305 07/1978...02/1990 F 1500 07/1978...08/1991 F 1600 01/1970...08/1991 F 1600, F 1621 01/1973...08/1991 F 2100, F 2105 07/1978...09/1986 F 900 11/1981...11/1988	81,790	103,840		2,311			M157	0,000	AL 20426	4	137 AS 20427 200
	82,040	104,090		2,362							
	78,740	82,880	40,400	2,027	1.4.7.	0,048	M800	0,000	HL 20421	3	137 HS 20423 200
	78,752	82,905	40,600	2,04		0,111					
	78,740	82,880	27,200	2,027	2.3.5.6.	0,048	M800	0,000	HL 20422	4	
	78,752	82,905	27,400	2,04		0,111					

Ø 104,17

7

DNS 620, DNT 620, DNTD 620, NT 133 R 6 Diesel, 6239 cm³, 116 - 132 kW (158 - 180 PS), 15:1, Turbo, LLK FA 1100 12/1986...11/1990 FA 1300 12/1986...12/1992 F 1700 12/1986...02/1995 F 1900 12/1986...09/1993	88,250	103,750		2,31			M250	0,000	AL 20389	4	213 AS 20390 000
	89,750	104,000		2,36							
	79,980	84,200	27,100	2,053		0,008	M900	0,000	HL 20360	4	213 HS 20362 000 025 050
	80,080	84,225	27,400	2,065		0,057		0,250			
	79,980	84,200	40,300	2,053		0,008	M900	0,000	HL 20361	3	
	80,080	84,225	40,600	2,065		0,057		0,250			
	63,980	67,618	31,200	1,767		0,052	M900	0,000	PL 20345	6	213 PS 20346 000 025 050
	64,020	67,630	31,500	1,779		0,080		0,250			

Ø 118

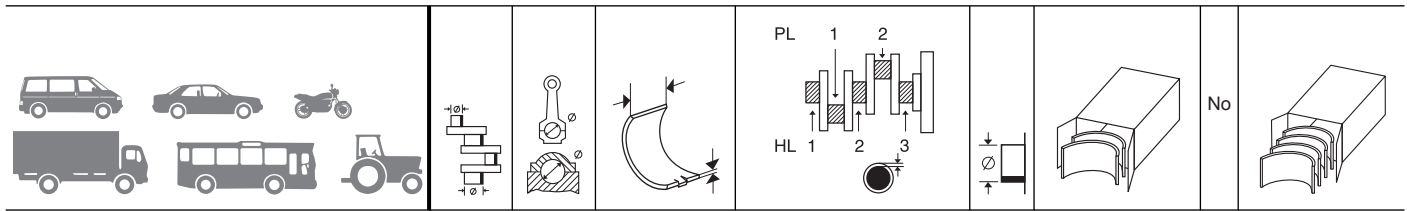
8

DH 825, DHB 825, DHS 825, DHS 825SM, DHT 825, DHTD 825, DHU 825, DU 825, HS 200, HT 168 R 6 Diesel, 8250 cm³, 115 - 217 kW (156 - 294 PS), 15:1 - 16:1, 12 Ventile F 2000 01/1970...12/1979 F 2103 07/1978...08/1991 F 2205 01/1971...11/1980 F 2305 07/1978...12/1983 F 2500, F 2503, F 2505 02/1982...08/1991	87,990	92,050	30,350	1,987	2.3.5.6.	0,050	M900	0,000	HL 20428	4	213 HS 20431 000 ⁴⁰⁵⁾ D62165	
	88,010	92,075	30,650	1,995		0,111						
		87,990	92,050	45,850	1,987	1.	0,050	M900	0,000	HL 20429	1	
		88,010	92,075	46,150	1,995		0,111					
		87,990	92,050	37,850	1,987	4.7.	0,050	M900	0,000	HL 20430	2	
		88,010	92,075	38,150	1,995		0,111					
		87,990	92,050	30,350	1,987	2.3.5.6.	0,050	M900	0,000	HL 20467	4	213 HS 20470 000 025 050 ⁴⁰³⁾ D62166
		88,010	92,075	30,650	1,995		0,111		0,250			
		87,990	92,050	45,850	1,987	1.	0,005	M900	0,000	HL 20468	1	
		88,010	92,075	46,150	1,995		0,111		0,250			
	87,990	92,050	37,850	1,987	4.7.	0,050	M900	0,000	HL 20469	2		
	88,010	92,075	38,150	1,995		0,111		0,250				
	74,990	78,564	39,850	1,746			M900	0,000	PL 20212	6	213 PS 20213 000 025 050	
	75,010	78,576	40,100	1,754				0,250				

Ø 118

9

DHR 825 R 6 Diesel, 8250 cm³, 150 kW (204 PS), 15:1, 12 Ventile F 2100, F 2105 07/1978...08/1991 F 2300 07/1978...12/1981	87,990	92,050	30,350	1,987	2.3.5.6.	0,050	M900	0,000	HL 20428	4	213 HS 20431 000 ⁴⁰⁵⁾ D62165	
	88,010	92,075	30,650	1,995		0,111						
		87,990	92,050	45,850	1,987	1.	0,050	M900	0,000	HL 20429	1	
		88,010	92,075	46,150	1,995		0,111					
		87,990	92,050	37,850	1,987	4.7.	0,050	M900	0,000	HL 20430	2	
		88,010	92,075	38,150	1,995		0,111					
		87,990	92,050	30,350	1,987	2.3.5.6.	0,050	M900	0,000	HL 20467	4	213 HS 20470 000 025 050 ⁴⁰³⁾ D62166
		88,010	92,075	30,650	1,995		0,111		0,250			
		87,990	92,050	45,850	1,987	1.	0,005	M900	0,000	HL 20468	1	
		88,010	92,075	46,150	1,995		0,111		0,250			
	87,990	92,050	37,850	1,987	4.7.	0,050	M900	0,000	HL 20469	2		
	88,010	92,075	38,150	1,995		0,111		0,250				

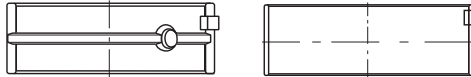


Ø 130 10

DHS 1160, DK 1160, WS 242, WS 268, WS 295, WS 315 M R 6 Diesel, 11630 cm³, 139 - 315 kW (189 - 428 PS), 15:1 - 16:1, Turbo, LLK 85.330 07/1992...02/1998 95.330 09/1987...01/1993 95.360 08/1990...01/1998 95.430 02/1992...01/1998	97,990	103,073	38,900	2,484	1.	0,070	M800	0,000	HL 18206	1	213 HS 18657 000 025 050
	98,010	103,099	39,100	2,496				0,250 0,500			
	97,990	103,073	31,800	2,484	2.3.5.6.	0,070	M800	0,000	HL 18207	4	
	98,010	103,099	32,000	2,496		0,141		0,250 0,500			
	97,990	103,073	51,900	2,484	4.7.	0,070	M800	0,000	HL 18208	2	
	98,011	103,099	52,100	2,496		0,141		0,250 0,500			
DKB 1160, DKX 1160, DKX 1160 ATI, WS 242 M, WS 268 M, WS 295 M, WS 315 R 6 Diesel, 11600 cm³, 226 - 315 kW (308 - 428 PS), 15:1 - 16:1, Turbo, 12 Ventile 85.330 07/1992...02/1998 85.400 03/1995...02/1998 95.360 08/1990...01/1998 95.430 02/1992...01/1998 F 2600 02/1972...12/1973 F 3303 06/1981...09/1991 N 3326 01/1981...09/1991	97,990	103,073	38,900	2,484	1.	0,070	M800	0,000	HL 18206	1	213 HS 19083 000 025
	98,010	103,099	39,100	2,496		0,141		0,250			
	97,990	103,072	31,800	2,471	2.3.5.6.	0,070	M800	0,000	HL 19050	4	
	98,011	103,099	32,000	2,477		0,141		0,250			
	97,990	103,072	51,900	2,471	4.7.	0,070	M800	0,000	HL 19051	2	
	98,010	103,098	52,100	2,477		0,141		0,250			
	79,195	82,830	45,240	1,762		0,041	M800	0,000	PL 18209	6	213 PS 18205 000
	79,215	82,845	45,440	1,768		0,100					
LT, Euro 1 R 6 Diesel, 11620 cm³, 160 - 195 kW (218 - 265 PS), 15,5:1	82,980	86,625	42,350	1,762		0,031	M800	0,000	PL 19055	6	213 PS 19084 000 025 050
	83,020	86,637	42,550	1,768		0,107		0,250 0,500			

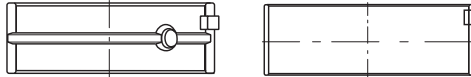
WS 242 G, WS 268 G, WS 295 G
R 6 Diesel, 11622 cm³, 242 - 295 kW
(330 - 401 PS), 14,8:1, Turbo, LLK
95.360 08/1990...01/1998

HL 18207



WS 315 G
R 6 Diesel, 11627 cm³, 315 kW (428 PS), 16:1
95.430 02/1992...01/1998

HL 18208



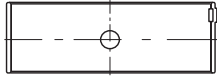
HL 19050



HL 19051



PL 18209



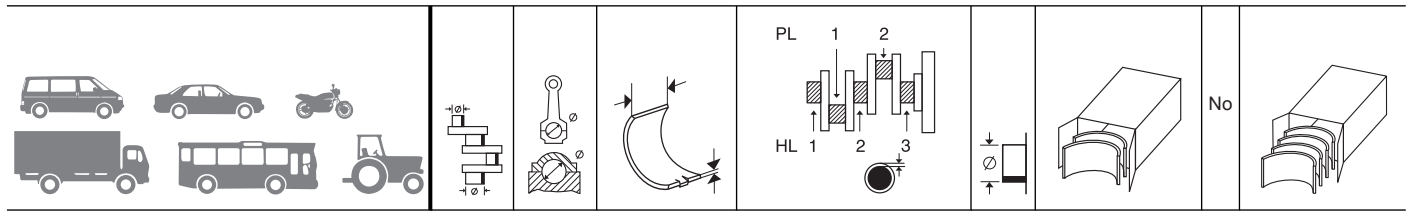
PL 19055



Ø 130 11.1

DKA 1160 R 6 Diesel, 11600 cm³, 169 kW (230 PS), 16:1, 12 Ventile F 2800 01/1974...11/1980	105,990	126,360		2,26			M250	0,000	AL 20391	4	213 AS 20392 000
	106,400	126,620		2,36							
	97,990	103,073	38,900	2,484	1.	0,070	M800	0,000	HL 18206	1	213 HS 18657 000 025 050
	98,010	103,099	39,100	2,496		0,141		0,250 0,500			
DKCL 1160, DKDL 1160, DKFL 1160, DKL 1160, DKS 1160, DKSB 1160, DKSE 1160, DKT 1160, DKTD 1160, DKTL 1160, DKV 1160, DKVL 1160, DKXE 1160, DKXE 1160 ATI, DKZ 1160, DKZ 1160 ATI R 6 Diesel, 11630 cm³, 121 - 274 kW (164 - 373 PS), 15:1 - 16:1, Turbo, LLK, 12 Ventile F 2800, F 2805 01/1980...09/1991 F 2805 01/1974...09/1991 F 3605 06/1985...09/1991 N 2826 10/1980...09/1991	97,990	103,073	31,800	2,484	2.3.5.6.	0,070	M800	0,000	HL 18207	4	
	98,010	103,099	32,000	2,496		0,141		0,250 0,500			
	97,990	103,073	51,900	2,484	4.7.	0,070	M800	0,000	HL 18208	2	
	98,011	103,099	52,100	2,496		0,141		0,250 0,500			
	97,990	103,073	38,900	2,484	1.	0,070	M800	0,000	HL 18206	1	213 HS 19083 000 025
	98,010	103,099	39,100	2,496		0,141		0,250			
	97,990	103,072	31,800	2,471	2.3.5.6.	0,070	M800	0,000	HL 19050	4	
	98,011	103,099	32,000	2,477		0,141		0,250			
	97,990	103,072	51,900	2,471	4.7.	0,070	M800	0,000	HL 19051	2	
	98,010	103,098	52,100	2,477		0,141		0,250			
	79,195	82,830	45,240	1,762		0,041	M800	0,000	PL 18209	6	213 PS 18205 000
	79,215	82,845	45,440	1,768		0,100					

Fortsetzung nächste Seite / Continued on next page



Ø 130 - Fortsetzung / Continued

11.2

WS 225, WS 242 L, WS 259, WS 268 L, WS 282, WS 295 L, WS 315 L R 6 Diesel, 11622 cm ³ , 225 - 315 kW (306 - 428 PS), 14,5:1 - 16:1, Turbo, LLK 85.330 07/1992...02/1998 95.310 09/1987...09/1990 95.360 08/1990...01/1998 95.430 02/1992...01/1998	82,980	86,625	42,350	1,762		0,031	M800	0,000	PL 19055	6	213 PS 19084 000 025 050
	83,020	86,637	42,550	1,768		0,107		0,250			
HL 18207 HL 18208 HL 19050 HL 19051 PL 18209 PL 19055											

Ø 130

12

XE 250 C, XE 280 C, XE 280 C1, XE 315 C, XE 315 C1, XE 355 C, XE 355 C1, XE 390 C, XE 390 C1, XE 410, Euro 3 R 6 Diesel, 12583 cm ³ , 250 - 410 kW (340 - 558 PS), 16:1 - 17:1, Turbo, 4 Ventile 95 XF 380 01/1997...09/2002 CF 85.430 01/2001...12/2005 95.480 09/2002...12/2006	97,990	103,073	38,900	2,484	1.	0,070	M800	0,000	HL 18206	1	213 HS 18657 000 025 050	
	98,010	103,099	39,100	2,496		0,141		0,250				0,500
	97,990	103,073	31,800	2,484	2.3.5.6.	0,070	M800	0,000	HL 18207	4		0,250
	98,010	103,099	32,000	2,496		0,141		0,500				
XE 340 C, XE 380 C, XE 430 C R 6 Diesel, 12580 cm ³ , 250 - 315 kW (340 - 430 PS), 16:1, 24 Ventile	97,990	103,073	51,900	2,484	4.7.	0,070	M800	0,000	HL 18208	2		
	98,011	103,099	52,100	2,496		0,141		0,250			0,500	

Ø 130

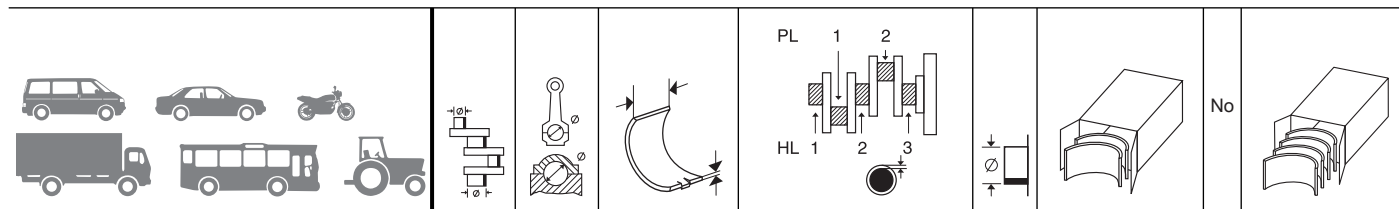
13

XF 250 M, XF 280 M, XF 315 M, Euro 2 R 6 Diesel, 12583 cm ³ , 250 - 315 kW (340 - 428 PS), 16:1, Hub 158mm, Turbo, LLK, 4 Ventile 85 CF 430 02/1998...12/2000 95 XF 380 01/1997...09/2002 95.380 09/2002...12/2006	97,990	103,073	38,900	2,484	1.	0,070	M800	0,000	HL 18206	1	213 HS 18657 000 025 050	
	98,010	103,099	39,100	2,496		0,141		0,250				0,500
	97,990	103,073	31,800	2,484	2.3.5.6.	0,070	M800	0,000	HL 18207	4		0,250
	98,010	103,099	32,000	2,496		0,141		0,500				
	97,990	103,073	51,900	2,484	4.7.	0,070	M800	0,000	HL 18208	2		
	98,011	103,099	52,100	2,496		0,141		0,250			0,500	
	87,980	92,594	38,700	2,248		0,054	M780	0,000	PL 20719	6	213 PS 20388 000 025	
	88,020	92,606	38,900	2,26		0,132		0,250				

Ø 130

14

XF 355 M, Euro 2 R 6 Diesel, 12583 cm ³ , 355 kW (483 PS), 16:1, Hub 158mm, Turbo, LLK, 4 Ventile 95 XF 480 01/1997...09/2002 CF 85.480 01/2001... 95.480 09/2002...12/2006	108,200	126,250		2,31			M250	0,000	AL 20663	4	213 AS 20664 000 213 HS 18657 000 025 050	
	108,450	126,500		2,36								
	97,990	103,073	38,900	2,484	1.	0,070	M800	0,000	HL 18206	1		0,250
	98,010	103,099	39,100	2,496		0,141		0,500				
	97,990	103,073	31,800	2,484	2.3.5.6.	0,070	M800	0,000	HL 18207	4		0,250
	98,010	103,099	32,000	2,496		0,141		0,500				
	97,990	103,073	51,900	2,484	4.7.	0,070	M800	0,000	HL 18208	2		
	98,011	103,099	52,100	2,496		0,141		0,250			0,500	
	87,980	92,594	38,700	2,248		0,054	M780	0,000	PL 20719	6	213 PS 20388 000 025	
	88,020	92,606	38,900	2,26		0,132		0,250				



DAIMLER

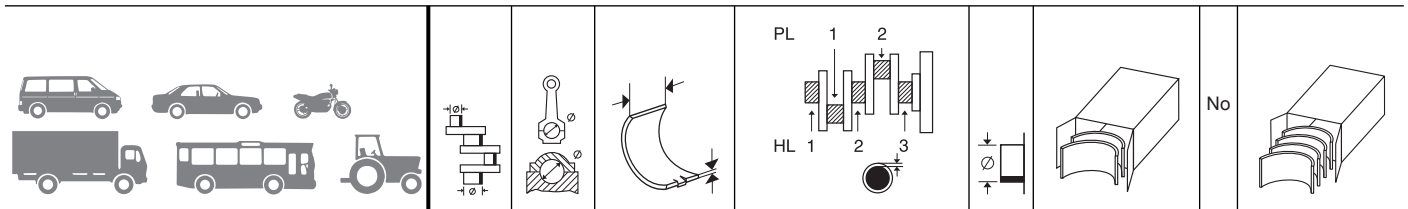
Ø 92,07

1

XK 4.2 (82-87)

R 6 Benzin, 4235 cm³, 151 kW (205 PS),
12 Ventile

69,842 69,855	74,079 74,092	34,670 34,920	2,092 2,102		0,020 0,066	M901	0,000 0,254 0,508	HL 21281	2	279 HS 21284 200 210 220 220
69,842 69,855	74,079 74,092	28,450 28,700	2,092 2,102		0,020 0,066	M901	0,000 0,254 0,508	HL 21282	1	
69,842 69,855	74,079 74,092	25,150 25,400	2,092 2,102		0,020 0,066	M901	0,000 0,254 0,508	HL 21283	4	
52,964 52,977	56,718 56,731	24,510 24,760	1,844 1,854		0,033 0,079	M114	0,000 0,254 0,508 0,762 1,016	PL 21266	6	



DENNIS

Ø 108

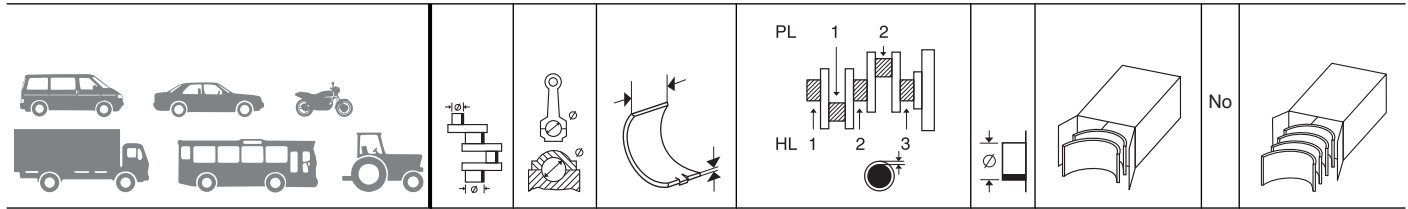
1

D7E 240, D7E 320 R 6 Diesel, 7146 cm ³ , 177 - 235 kW (241 - 320 PS), 18:1, Turbo, LLK, 4 Ventile 240 05/2003...10/2007 320 05/2003...10/2008	98,300	120,680		2,31			M250	0,000	AL 20092	4	038 AS 20093 000
	98,800	120,930		2,36							
	90,528	96,483	30,200	2,92		0,071	M780	0,000	HL 20090	7	038 HS 20091 000
	90,550	96,508	30,400	2,932		0,144		0,250	0,500		025 050
	73,831	77,740	36,850	1,91			M114	0,000	PL 20731	6	038 PS 20732 000
	73,850	77,753	37,050	1,922				0,250	0,500		025 050
	91,400	113,750		2,89			M916	0,000	AL 21576	4	209 AS 21577 000
	91,700	114,000		2,95							

Ø 108

2

D7E 290, D7F260, D7F300, D7F340, EEV R 6 Diesel, 7100 cm ³ , 191 - 250 kW (260 - 340 PS), 18:1 - 18,1:1, 24 Ventile 260 11/2009... 290 05/2003...04/2006 300 05/2009...12/2009 OL-10N, OL-13W, OL-16W 10/2009... OL-14N, OL-16W 10/2009...12/2009 OL-19W, OL-21W, OL 23W 12/2009... HCTP 70-30 11/2005...10/2007 P2-20W 04/2006...11/2007	91,400	113,750		2,89			M916	0,000	AL 21576	4	209 AS 21577 000
	91,700	114,000		2,95							



DEUTZ

Ø 91 1

<p>BF 3M 1011 F, F 3M 1011, F 3M 1011 F R 3 Diesel, 2185 cm³, 17 - 46 kW (23 - 63 PS), 6 Ventile</p> <p>BF 4L 1011 F R 4 Diesel, 2731 cm³, 28 - 55 kW (38 - 75 PS), 17:1, Turbo, 8 Ventile</p> <p>BF 4L 1011 FT, F 4L 1011, F 4L 1011 F, Euro 1 R 4 Diesel, 2732 cm³, 24 - 47 kW (33 - 64 PS), 17:1 - 18,5:1, Turbo, 8 Ventile</p> <p>F 2L 1011 F, F 2M 1011 R 2 Diesel, 1366 cm³, 20 - 23 kW (27 - 31 PS), 18,5:1, Hub 105mm, 4 Ventile</p> <p>F 3L 1011, F 3L 1011 F R 3 Diesel, 2049 cm³, 16 - 33 kW (22 - 45 PS), 18,5:1, Hub 105mm, 6 Ventile</p> <p>F 4M 1011 R 4 Diesel, 2912 cm³, 32 kW (44 PS)</p> <p>F 4M 1011 F R 4 Diesel, 27324 cm³, 24 - 48 kW (33 - 65 PS), 19:1, 8 Ventile</p>	75,750 76,000	89,750 90,000		2,40 2,45			M817	0,000	AL 20765	2	099 AS 20766 000
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Ø 94 2

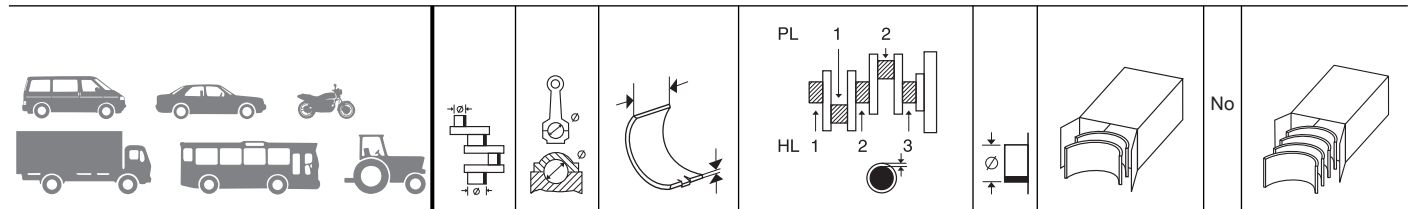
<p>BF 3L 2011, BF 3M 2011 R 3 Diesel, 2330 cm³, 42 - 49 kW (57 - 67 PS), 17,5:1, 6 Ventile</p> <p>BF 4L 2011, BF 4M 2011, BF 4M 2011 M, F 4L 2011, F 4M 2011 R 4 Diesel, 3110 cm³, 45 - 65 kW (61 - 88 PS), 17,5:1 - 18,5:1, Turbo, 8 Ventile</p> <p>F 2L 2011 R 2 Diesel, 1554 cm³, 21 - 23 kW (29 - 31 PS), 18,5:1, 4 Ventile</p> <p>F 2M 2011 R 2 Diesel, 1555 cm³, 23 - 24 kW (31 - 33 PS), 18,5:1, 4 Ventile</p> <p>F 3L 2011, F 3M 2011 R 3 Diesel, 2332 cm³, 34 - 37 kW (46 - 50 PS), 18,5:1, 6 Ventile</p>	75,750 76,000	89,750 90,000		2,40 2,45			M817	0,000	AL 20765	2	099 AS 20766 000
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Ø 95 3

<p>F 3L 812 R 3 Diesel, 2552 cm³, 25 - 32 kW (34 - 44 PS), 19:1, 6 Ventile</p> <p>F 6L 812 R 6 Diesel, 5104 cm³, 59 kW (80 PS), 19:1, 12 Ventile</p>	79,300	94,974		2,95 3,00			M114	0,000	AL 18738	4	099 AS 10708 000
AL 18738											

Ø 95 4

<p>F 4L 812 R 4 Diesel, 3400 cm³, 33 kW (45 PS), 19:1, 8 Ventile</p>	79,300	94,974		2,95 3,00			M114	0,000	AL 18738	4	099 AS 10708 000
	69,971 69,990	74,500 74,519	27,000	2,229		0,052 0,115	M114	0,000 0,250 0,500 0,750	099 HL 10199 000 025 050 075	5	099 HS 10529 000 025 050 075
AL 18738											



Ø 98 **5**

BF 4M 2013 C, BF 4M 2013 EC , Euro 3 R 4 Diesel, 3802 cm³, 100 kW (136 PS), Turbo, LK, 8 Ventile	91,400	113,750		1,99			M916	0,000	AL 21070	4	099 AS 21071 000
	91,700	114,000		2,05							
BF 6M 2013, BF 6M 2013 C , Euro 3 R 6 Diesel, 5702 cm³, 92 - 190 kW (125 - 258 PS), 18:1, Turbo, 24 Ventile	93,400	113,750		1,99			M916	0,000	AL 21072	4	099 AS 21073 000
	93,700	114,000		2,05							
BF 6M 2013 CR, BF 6M 2013 E , Euro 3 6 Diesel, 5703 cm³, Hub 126mm, 12 Ventile											

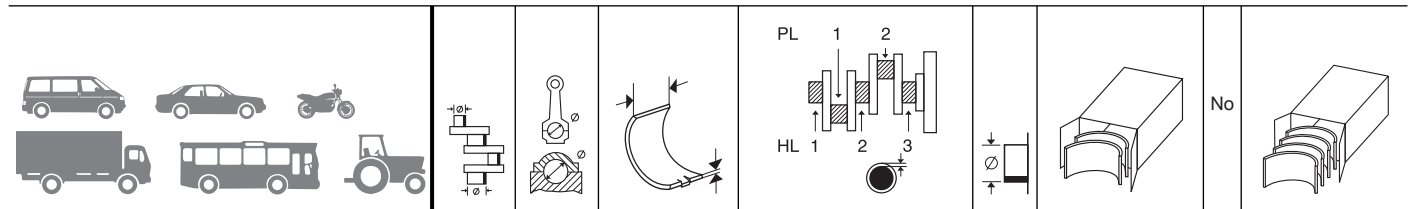
Ø 100 **6**

F 2L 912 R 2 Diesel, 1885 cm³, 16 - 28 kW (22 - 38 PS), 18:1, Hub 120mm, 4 Ventile	79,300	94,974		2,95			M114	0,000	AL 18738	4	099 AS 10708 000
				3,00							
F 2L 912 W R 2 Diesel, 1884 cm³, 21 - 25 kW (29 - 34 PS), 17:1											

Ø 100 **7**

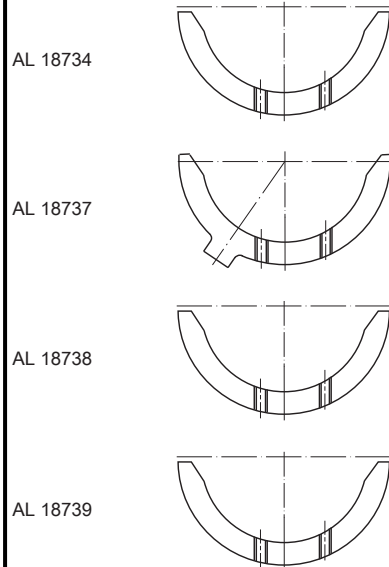
F 3L 911 D R 3 Diesel, 2473 cm³, 29 - 37 kW (39 - 50 PS)	79,300	94,964		2,95			M157	0,000	AL 18734	1	099 AS 18740 000 025 050
				3,00							
F 3L 912 D, F 3L 912 W R 3 Diesel, 2826 cm³, 24 - 44 kW (33 - 60 PS), 17,1:1, Hub 120mm, 6 Ventile	79,300	94,964		2,95			M157	0,000	AL 18735	1	
F 5L 912 R 5 Diesel, 4712 cm³, 40 - 68 kW (54 - 92 PS), 18,5:1, Hub 120mm, 10 Ventile	79,300	101,964		2,95			M157	0,000	AL 18736	1	
				3,00							
F 5L 912 D R 5 Diesel, 4710 cm³, 58 - 78 kW (79 - 106 PS), 17:1, Hub 120mm, 10 Ventile	79,300	101,964		2,95			M157	0,000	AL 18737	1	
				3,00							
F 6L 911 D R 6 Diesel, 4946 cm³, 51 - 74 kW (69 - 101 PS)	79,300	94,974		2,95			M114	0,000	AL 18738	2	099 AS 18741 000
				3,00							
F 6L 912 D R 6 Diesel, 5652 cm³, 42 - 92 kW (57 - 125 PS), 17:1, Hub 120mm, 12 Ventile	79,300	101,964		2,95			M114	0,000	AL 18739	2	
				3,00							

AL 18734	
AL 18737	
AL 18738	
AL 18739	



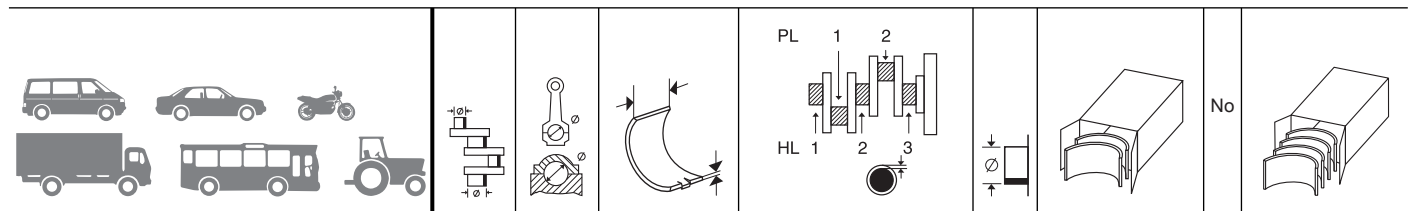
Ø 100 **8**

F 4L 911 D R 4 Diesel, 3297 cm³, 39 - 49 kW (53 - 67 PS) F 4L 912 D R 4 Diesel, 3768 cm³, 38 - 62 kW (52 - 84 PS), 19:1, Hub 120mm, 8 Ventile F 4L 912 W R 4 Diesel, 3770 cm³, 38 - 49 kW (52 - 67 PS), 19:1, 8 Ventile	79,300	94,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18734	1	099 AS 18740 000 025 050	
	79,300	94,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18735	1		
	79,300	101,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18736	1		
		79,300	101,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18737	1	
		79,300	94,974		2,95 3,00			M114	0,000	AL 18738	2	099 AS 18741 000
		79,300	101,964		2,95 3,00			M114	0,000	AL 18739	2	
		69,971 69,990	74,500 74,519	27,000	2,229		0,052 0,115	M114	0,000 0,250 0,500 0,750	099 HL 10199 000 025 050 075	5	099 HS 10529 000 025 050 075
	59,941 59,960	64,000 64,019	25,000	2,00		0,039 0,103	M114	0,000 0,250 0,500 0,750 1,000	099 PL 10198 000 025 050 075 100	4	099 PS 10523 000 025 050 075 100	



Ø 101 **9**

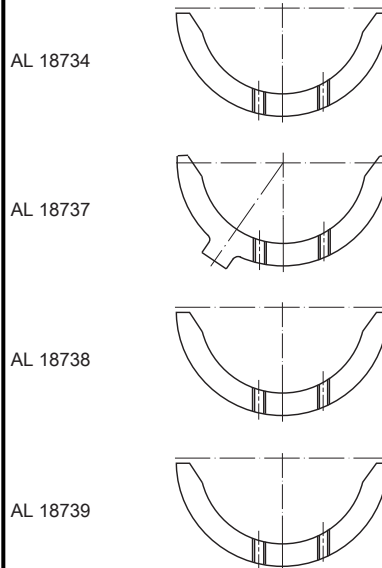
BF 4M 2012, BF 4M 2012 B, BF 4M 2012 C, BF 4M 2012 C* R 4 Diesel, 4038 cm³, 52 - 103 kW (71 - 140 PS), 19:1, Turbo, 8 Ventile	91,400	113,750		1,99			M916	0,000	AL 21070	4	099 AS 21071 000
	91,700	114,000		2,05							
BF 4M 2012 BF 6M 2012 C R 6 Diesel, 6057 cm³, 140 - 155 kW (190 - 211 PS), 19:1, Turbo, LLK, 12 Ventile	93,400	113,750		1,99			M916	0,000	AL 21072	4	099 AS 21073 000
	93,700	114,000		2,05							



Ø 102

10

F 3L 912 F R 3 Diesel, 3064 cm³, 24 - 44 kW (33 - 60 PS), 17:1 F 3L 913 D R 3 Diesel, 3060 cm³, 42 - 45 kW (57 - 61 PS), 17:1 F 5L 912 F R 5 Diesel, 5107 cm³, 41 - 74 kW (56 - 101 PS), 17:1 F 6L 912 F, F 6L 913 D R 6 Diesel, 6128 cm³, 50 - 96 kW (68 - 132 PS), 17:1, Hub 125mm	79,300	94,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18734	1	099 AS 18740 000 025 050	
	79,300	94,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18735	1		
	79,300	101,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18736	1		
	79,300	101,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18737	1		
	79,300	94,974		2,95 3,00			M114	0,000	AL 18738	2		099 AS 18741 000
	79,300	101,964		2,95 3,00			M114	0,000	AL 18739	2		

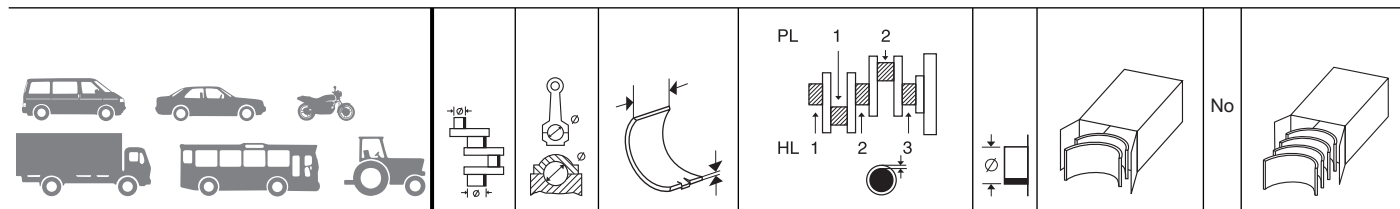


Ø 102

11.1

F 4L 912 F, F 4L 913 R 4 Diesel, 4086 cm³, 33 - 60 kW (45 - 80 PS), 17:1 - 18:1	79,300	94,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18734	1	099 AS 18740 000 025 050	
	79,300	94,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18735	1		
	79,300	101,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18736	1		
	79,300	101,964		2,95 3,00			M157	0,000 0,250 0,500	AL 18737	1		
	79,300	94,974		2,95 3,00			M114	0,000	AL 18738	2		099 AS 18741 000
	79,300	101,964		2,95 3,00			M114	0,000	AL 18739	2		
	69,971 69,990	74,500 74,519	27,000	2,229		0,052 0,115	M114	0,000 0,250 0,500 0,750	099 HL 10199 000 025 050 075	5		

Fortsetzung nächste Seite / Continued on next page



Ø 102 - Fortsetzung / Continued

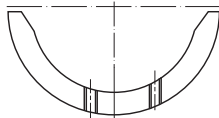
11.2

F 4L 912 F, F 4L 913

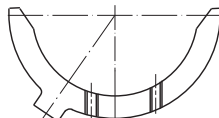
R 4 Diesel, 4086 cm³, 33 - 60 kW (45 - 80 PS),
17:1 - 18:1

59,941	64,000	25,000	2,00			0,039	M114	0,000	099 PL 10198 000	4	099 PS 10523 000
59,960	64,019					0,103		0,250	025		025
								0,500	050		050
								0,750	075		075
								1,000	100		100

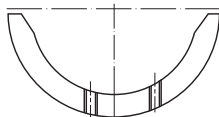
AL 18734



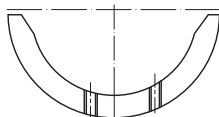
AL 18737



AL 18738



AL 18739



Ø 108

12

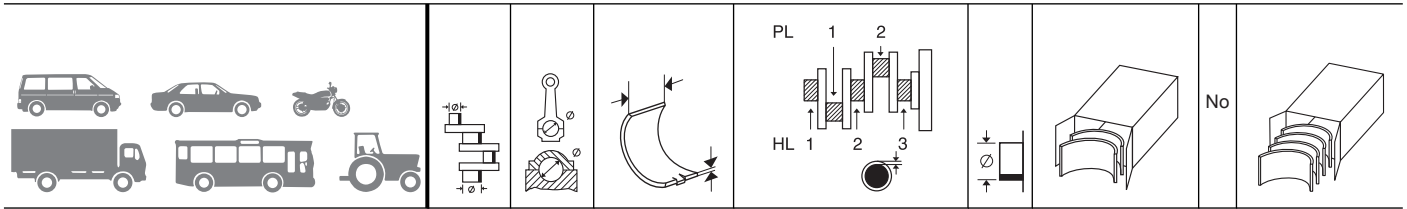
TCD 2013 L4 4V, Euro 4

R 4 Diesel, 7146 cm³, 140 - 158 kW
(190 - 215 PS), 18:1, Turbo, LLK, 16 Ventile

91,400	113,750		2,89				M916	0,000	AL 21576	4	209 AS 21577 000
91,700	114,000		2,95								

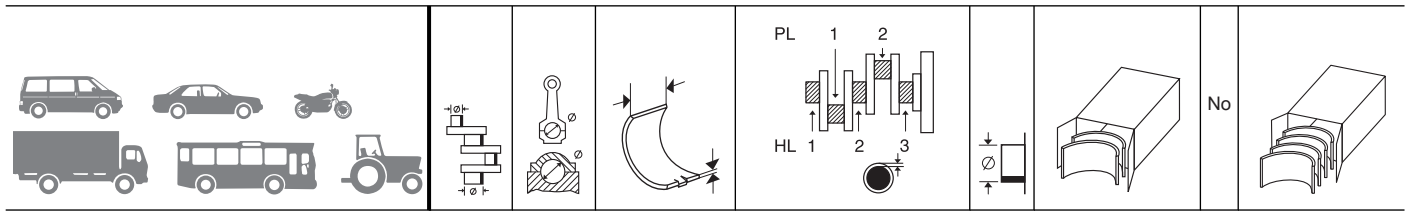
TCD 2013 L6 4V, Euro 4

R 6 Diesel, 7146 cm³, 147 - 243 kW
(200 - 330 PS), 18:1, Turbo, LLK, 24 Ventile



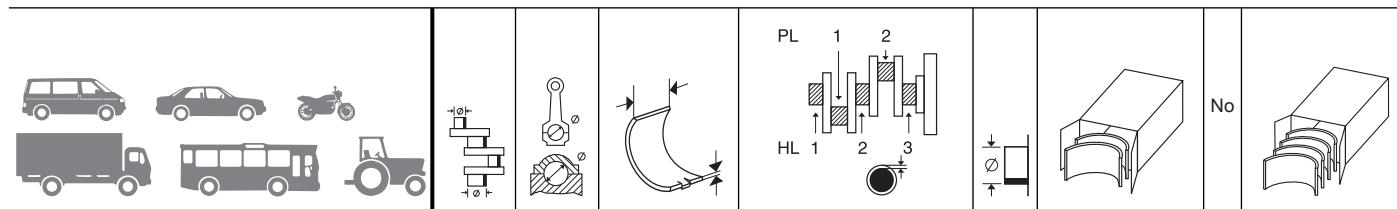
EBRO

Ø 65										1	
100 G.000 R 4 Benzin, 843 cm³, 25 kW (34 PS), 8:1, 8 Ventile	39,988 40,008	43,657 43,670	16,550	1,81		0,023 0,068	M157	0,000 0,254	PL 20523	4	007 PS 20524 200 210



ERF

											1
Ø 108											1
D 0826 LF15, D 0826 LF18 , Euro 2 R 6 Diesel, 6871 cm³, 162 kW (220 PS), 16,5:1, Turbo, LLK, 12 Ventile 7.22 RD2 04/2002...	76,981	82,000	33,770	2,468		0,040	M780	0,000	FL 20670	1	227 HS 20671 000 025
	77,000	82,022	33,830	2,48		0,106		0,250			
	76,981	82,000	25,700	2,468		0,040	M800	0,000	HL 20017	6	
	77,000	82,022	25,900	2,48		0,106		0,250			
Ø 108											2
D 0836 LF 03 , Euro 3 R 6 Diesel, 6871 cm³, 206 kW (280 PS), 18:1, Hub 125mm, Turbo, LLK 7.28 RD3 / TP3 04/2002...	84,500	102,450		2,90			M215	0,000	AL 20873	4	227 AS 20874 000
	84,850	102,800									
Ø 120											3
D 2066 LF 01, D 2066 LF 03 , Euro 3 R 6 Diesel, 10520 cm³, 257 kW (350 PS), 19:1, Hub 155mm, Turbo, LLK, 4 Ventile 32.35 02/2005...	103,980	111,000	36,000	3,466			M900	0,000	HL 21012	7	227 HS 21013 000 025 050
	104,000	111,022		3,478				0,250			
								0,500			
Ø 128											4
D 2866 LF 27, D 2866 LF 37 , Euro 3 R 6 Diesel, 11967 cm³, 265 - 308 kW (360 - 419 PS), 19:1, Hub 155mm, Turbo, LLK, 4 Ventile 12.36 04/2002...	103,980	111,000	36,000	3,466			M900	0,000	HL 21012	7	227 HS 21013 000
	104,000	111,022		3,478							
D 2876 LF 12 , Euro 3 R 6 Diesel, 12817 cm³, 390 kW (530 PS), 18:1, Hub 166mm, Turbo, LLK, 4 Ventile 13.48 02/2005...											



FAP

Ø 97,5

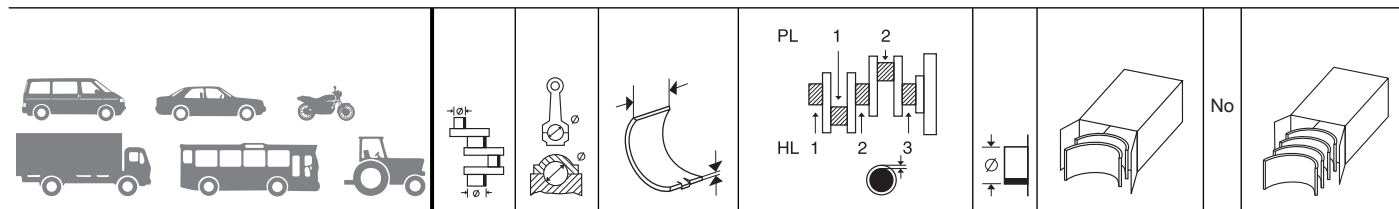
1

OM 366.907 R 6 Diesel, 5958 cm³, 100 kW (136 PS), 17:1 1314 BDT 07/1984...	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	6	001 BS 10714 300
	87,990 88,010	93,000 93,022	31,740 31,810	2,465 2,473	4.	0,036 0,102	M114	0,000 0,250 0,500	FL 10322	1	001 HS 10768 000 025 050
	87,990 88,010	93,000 93,022	24,100	2,465 2,477	1.2.3.5.6.7	0,036 0,102	M114	0,000 0,250 0,500	HL 18335	6	
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	3.	0,016 0,105	M23	0,000 0,250	NB 10374	1	001 NS 10782 000 025 050
	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	4.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,941 55,960	60,000 60,030	26,000	1,992 2,012	1.	0,016 0,105	M100	0,000 0,250 0,500	NB 10376	1	
	55,691 55,710	60,000 60,030	25,750 26,250	2,117 2,137	2.	0,030 0,079	M23	0,000 0,250 0,500	NB 10380	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500 1,000	PL 10304	6	001 PS 10000 000 025 050 100

Ø 102

2

OM 904.907 , Euro 2 R 4 Diesel, 4250 cm³, 125 - 130 kW (170 - 177 PS), 17,4:1, Turbo, LLK, 3 Ventile 1318 BK, 1318 B, 1318 BD, 1418 BSK, 1118	93,650 94,000	117,500 117,850		3,24 3,31			M157	0,000 0,300	AL 19792	2	001 AS 19793 000 030
	67,941 67,960	72,000 72,300	19,500 20,000	2,30			M114	Semi	NB 20911	4	001 NS 20913 300
	67,941 67,960	72,000 72,030	29,000 29,500	2,30			M114	Semi	NB 20912	1	




FIAT


Ø 65 1

100 G.000, .002, 100 GB.000, 100 GC.000, 100 GL3.000, 100 GL6.000, 100 GS.000 R 4 Benzin, 843 cm³, 25 - 36 kW (34 - 49 PS), 8:1 - 9,7:1, 8 Ventile 850 0.8 07/1964...10/1972 PANDA I 800 02/1981...12/1985 PANDA I 900 09/1982...12/1985 100 GF.000, 100 GL.000, .040, .046, .048, 100 GL 3000, 127 A.000, 146 A.000, .048, 146 A1.000, 170 A1.000 R 4 Benzin, 903 cm³, 26 - 38 kW (35 - 58 PS), 7,8:1 - 9,3:1, 8 Ventile 127 0.9 06/1971...05/1983 127 1.0 01/1977...12/1986 147 1.0 10/1976...12/1995 850 SPORT 02/1968...12/1972 900 0.9 01/1978...01/1986 CINQUECENTO 0.9 07/1991...12/1993 FIORINO 0.9 10/1977...03/1981 FIORINO 1.0 01/1980...12/1987 PANDA I 900 10/1980...12/1986 UNO 0.9 01/1983...09/1992 1170 A1.046, 170 A1.046 R 4 Benzin, 899 cm³, 29 kW (39 PS), 8,8:1 CINQUECENTO 0.9 I 07/1991...01/1998 CINQUECENTO 0.9 I.E. 07/1991...12/1993 PANDA I 900 04/1992...12/1996 SEICENTO 0.9 01/1998...01/2010 141 B.000 R 4 Benzin, 769 cm³, 25 kW (34 PS), 9,2:1, 8 Ventile PANDA I 750 01/1986...01/1995	39,988 40,008	43,657 43,670	16,550	1,81		0,023 0,068	M157	0,000 0,254	PL 20523	4	007 PS 20524 200 210
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Ø 65 2

156 A4.000 R 4 Benzin, 769 cm³, 25 kW (34 PS), 9,4:1 PANDA I 750 01/1986...01/1995	43,980 44,000	47,705 47,718	18,750 19,000	1,836 1,844		0,017 0,066	M157	0,000 0,254	HL 20457	5	007 HS 20458 200 210
	37,988 38,008	41,128 41,140	18,750 19,000	1,541 1,549		0,022 0,070	M157	0,000 0,254 0,508	PL 20459	4	007 PS 20460 200 210 220
PL 20459 											

Ø 65 3

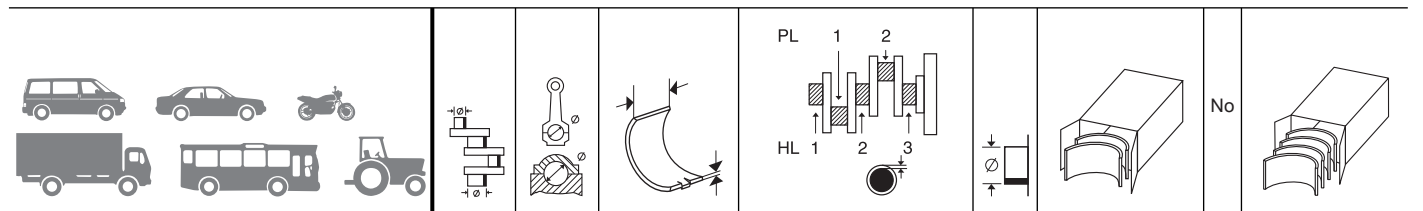
156 A4.048 R 4 Benzin, 770 cm³, 25 kW (34 PS), 9,4:1 PANDA I 750 KAT 01/1995...12/1997	37,988 38,008	41,128 41,140	18,750 19,000	1,541 1,549		0,022 0,070	M157	0,000 0,254 0,508	PL 20459	4	007 PS 20460 200 210 220
	PL 20459 										

Ø 65 4

903 R 4 Benzin, 903 cm³, 33 kW (45 PS), 8 Ventile	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000

Ø 67,2 5

A112 B1.054 R 4 Benzin, 965 cm³, 35 - 36 kW (48 - 49 PS), 9,2:1, 8 Ventile PANDA I 950 09/1982...12/1986	39,988 40,008	43,657 43,670	16,550	1,81		0,023 0,068	M157	0,000 0,254	PL 20523	4	007 PS 20524 200 210
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Ø 70											6
141 C2.000, 156 A2.048, .100, 156 A3.100 R 4 Benzin, 999 cm ³ , 32 - 33 kW (44 - 45 PS) PANDA I 1000 01/1986...12/1994 PANDA I 1000 I.E. KAT 10/1987...08/1998 UNO 1.0 06/1986...12/1993	37,988	41,128	18,750	1,541		0,022	M157	0,000	PL 20459	4	007 PS 20460 200
	38,008	41,140	19,000	1,549		0,070		0,254			210
								0,508			220
PL 20459											

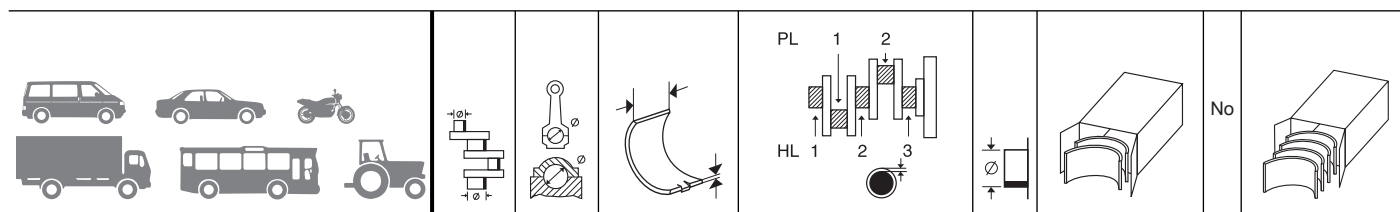
Ø 70											7
156 A2/AZ, 156 A2.000, .246, 156 A3.000 R 4 Benzin, 999 cm ³ , 33 - 37 kW (45 - 50 PS), 9,5:1 - 9,8:1 PANDA I 1000 01/1985...12/1994 PANDA I 1000 I.E 08/1992...02/2004 PANDA I 1000 I.E. KAT 10/1987...08/1998 UNO 1.0 I 08/1985...09/1992	43,980	47,705	18,750	1,836		0,017	M157	0,000	HL 20457	5	007 HS 20458 200
	44,000	47,718	19,000	1,844		0,066		0,254			210
	37,988	41,128	18,750	1,541		0,022	M157	0,000	PL 20459	4	007 PS 20460 200
	38,008	41,140	19,000	1,549		0,070		0,254			210
								0,508			220
PL 20459											
156 C.000, .046 - 051, 160 A3.000, 176 A6.000 - 001, 176 B2.000, 187 A1.000 R 4 Benzin, 1108 cm ³ , 37 - 43 kW (50 - 58 PS) CINQUECENTO 1.1 I 10/1994...01/1998 PANDA I 1100 05/1991...07/2004 PANDA II 1.1 09/2003...08/2011 PUNTO I 1.1 09/1993...02/2000 SEICENTO 1.1 01/1998...01/2010 TIPO 1.1 01/1988...10/1991 UNO 1.1 10/1988...06/2006 UNO 50 1.1 01/1990...12/1993											

Ø 74											8
AR 00504 R 4 Benzin, 1290 cm ³ , 39 kW (53 PS), 8 Ventile F11/F12 1.3 01/1967...12/1983	65,790	82,420		2,31			M817	0,000	AL 20555	4	063 AS 20556 000
	66,040	82,680		2,36							

Ø 75											9
KFV R 4 Benzin, 1360 cm ³ , 54 kW (73 PS), 10,5:1, 8 Ventile FIORINO 1.4 02/2008... QUBO 1.4 I 09/2008...	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
HL 19947											
HL 19948											

Ø 76											10
131 A.000, 131 A6.000, 131 B.000 R 4 Benzin, 1297 cm ³ , 40 - 60 kW (54 - 82 PS), 7,8:1 - 8,9:1, 8 Ventile 131 1.3 03/1978...12/1980 131 1.3 MIRAFIORI 10/1974...12/1982	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200
	53,005	56,730	24,250	1,841		0,079		0,254			210
								0,508			220
	52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841		0,079		0,254			210
								0,508			220

Ø 78											11
131 C.000, 131 C1.000 R 4 Benzin, 1367 cm ³ , 51 - 55 kW (69 - 75 PS) 131 1.4 11/1980...01/1984	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200
	53,005	56,730	24,250	1,841		0,079		0,254			210
								0,508			220
	52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841		0,079		0,254			210
								0,508			220



Ø 78 12

146 B.000, 146 B3.000 R 4 Diesel, 1367 cm³, 52 kW (71 PS), 20:1 UNO 1.4 TD 10/1986...10/1990	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	
53,004	56,735	20,750	1,845		0,074		0,254				
	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
	53,004	56,735	24,250	1,845		0,074		0,254			

Ø 79 13

192 B30 R 4 Benzin, 1598 cm³, 77 kW (105 PS), 10,5:1, 16 Ventile STILO 1.6 I 03/2005...12/2007	50,780	54,507	20,250	1,85			M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520						0,254			
	50,780	54,507	22,750	1,85			M157	0,000	HL 20625	1	
	50,800	54,520						0,254			
								0,508			

Ø 80 14

124 AC.000 R 4 Benzin, 1438 cm³, 66 kW (90 PS), 8,9:1 124 1500 SPORT 01/1966...12/1972	50,780	54,507	20,250	1,85			M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520						0,254			
124 B2.000 R 4 Benzin, 1438 cm³, 51 - 55 kW (70 - 75 PS), 9:1, Hub 71.5mm, 8 Ventile 124 1.4 12/1968...07/1975 124 1.5 01/1973...07/1975	50,780	54,507	22,750	1,85			M157	0,000	HL 20625	1	
	50,800	54,520						0,254			
								0,508			
128 A.000, .048, 128 AC5.000, 138 B.000, 138 B1.000, 138 C1.000, 146 A4.044, .048, 146 C3.000 R 4 Benzin, 1116 cm³, 33 - 48 kW (45 - 65 PS), 8,8:1 - 9,6:1, 8 Ventile 128 1.1 03/1969...12/1984 DUNA 1.1 07/1991...07/1996 RITMO II 1.1 02/1983...12/1987 UNO 1.1 01/1983...06/2006 UNO 1.1 I 06/1992...12/1993 UNO 50 1.1 01/1986...12/1989											

Ø 80 15

125 A.000, 125 B.000 R 4 Benzin, 1608 cm³, 66 - 74 kW (90 - 100 PS), 8,8:1 125 1.6 07/1967...03/1974	50,780	54,507	20,250	1,85			M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520						0,254			
	50,780	54,507	22,750	1,85			M157	0,000	HL 20625	1	
	50,800	54,520						0,254			
								0,508			
	45,508	48,629	18,950	1,534			M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542				0,508			

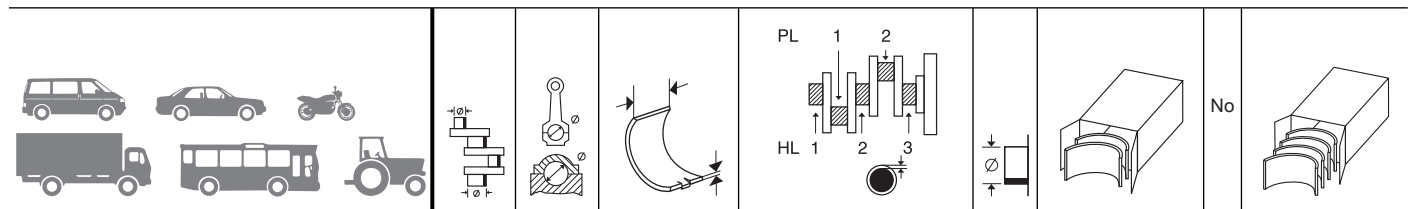
Ø 80 16

131 AZ.000, 131 BZ 0C0, 131 FZ R 4 Benzin, 1440 cm³, 38 kW (52 PS), 8 Ventile 238 1.4 06/1976...06/1982	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
132 A.000, 132 A9.000, 132 AC.000, 132 BB OA O, 133 A, 133 B R 4 Benzin, 1592 cm³, 70 - 81 kW (95 - 110 PS), 8 Ventile 124 1600 SPORT 01/1969...12/1975 124 SPIDER 1600 01/1973... 132 1.6 04/1972...01/1976	52,985	56,717	24,200	1,833			M157	0,000	HL 18538	1	007 HS 18511 200 210 220
	53,005	56,730	24,250	1,841				0,254			
	52,985	56,717	20,500	1,833			M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841				0,254			
								0,508			

Ø 80,5 17.1

146 A2.000 R 4 Benzin, 1301 cm³, 74 kW (100 PS), 8:1, Turbo, 8 Ventile UNO 1.3 T 04/1985...08/1989	50,780	54,507	20,250	1,85			M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520						0,254			
	50,780	54,507	22,750	1,85			M157	0,000	HL 20625	1	
	50,800	54,520						0,254			
								0,508			
	45,508	48,629	18,950	1,534			M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542				0,508			

Fortsetzung nächste Seite / Continued on next page



Ø 80,5 - Fortsetzung / Continued

17.2

146 A8.000, .046, 146 C1.000, 146 C5.000, 146 D5.000, 159 A2.000, 160 A1.000, .048, 176 A4.000, 176 B6.000, 178 B2.000, .016 R 4 Benzin, 1372 cm³, 49 - 98 kW (67 - 136 PS), 7,8:1 - 9,2:1, Hub 67,4mm, Turbo, 8 Ventile FIORINO 1.4 I.E. 05/1994...05/2001 PALIO 1.4 KAT 04/1996...08/2001 PUNTO I 1.4 GT 01/1994...09/1999 SIENA 1.4 KAT 04/1996... TEMPRA 1.4 I.E. 03/1991...08/1996 TIPO 1.4 07/1987...12/1989 TIPO 1.4 I 05/1989...04/1995 UNO 1.4 09/1989...10/1992 UNO 1.4 I 09/1989...12/1993 UNO 1.4 T 12/1989...12/1996	50,780 50,800	54,507 54,520	20,250	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20624	4	007 HS 20626 200 210 220
	50,780 50,800	54,507 54,520	22,750	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20625	1	
45,508 45,528	48,629 48,646	18,950 19,200	1,534 1,542		0,017 0,070	M157	0,000 0,508	PL 20347	4	007 PS 20348 200 220	

Ø 80,5

18

146 A2.146, .246 R 4 Benzin, 1301 cm³, 73 - 74 kW (99 - 100 PS), 7,7:1, Turbo, 8 Ventile UNO 1.3 T 01/1987...03/1991	50,780 50,800	54,507 54,520	20,250	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20624	4	007 HS 20626 200 210 220
	50,780 50,800	54,507 54,520	22,750	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20625	1	

Ø 80,5

19

160 A1.046, 836 A4.000 R 4 Benzin, 1372 cm³, 49 - 51 kW (67 - 69 PS), 9,2:1, 8 Ventile TEMPRA 1.4 I.E. 03/1992...08/1996 TIPO 1.4 I 05/1989...04/1995 UNO 1.4 I 09/1989...12/1993	50,780 50,800	54,507 54,520	20,250	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20624	4	007 HS 20626 200 210 220
	50,780 50,800	54,507 54,520	22,750	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20625	1	
182 B6.000, Euro 3 R 4 Benzin, 1596 cm³, 68 - 78 kW (92 - 106 PS), 10,5:1, 16 Ventile BRAVA 1.6 01/1999...12/2002 DOBLO 1.6 10/2001...09/2005 MAREA 1.6 09/2000...08/2002 MULTIPLA 1.6 09/2000...06/2010 MULTIPLA 1.6 BIPOWER 10/2001...06/2010 MULTIPLA 1.6 I 04/2002...06/2010 PALIO 1.6 I 02/2001...08/2004 SIENA 1.6 11/2000... STILO 1.6 10/2001...08/2008		54,520	20,000 20,250	1,842 1,85	1.2.4.5.		M157	0,000 0,254 0,508	HL 20627	4	007 HS 20629 200 210 220
		54,520	22,500 22,750	1,842 1,85	3.		M157	0,000 0,254 0,508	HL 20628	1	
	45,508 45,528	48,629 48,646	18,950 19,200	1,534 1,542		0,017 0,070	M157	0,000 0,508	PL 20347	4	007 PS 20348 200 220
	45,500	48,640	18,950 19,200	1,538 1,546		0,060	M157	0,000 0,254	PL 20461	4	

Ø 82

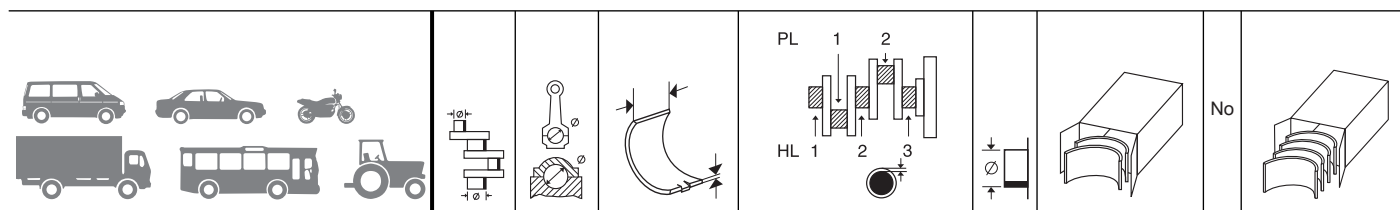
20

182 A2.000, 183 A1.000, 188 A6.000 R 4 Benzin, 1747 cm³, 83 - 97 kW (113 - 132 PS), 10,3:1, 4 Ventile BARCHETTA 1.8 I 04/1995...05/2005 BRAVA 1.8 I 10/1995...10/2001 COUPE 1.8 I 03/1996...08/2000 MAREA 1.8 09/1996...05/2002 PUNTO II 1.8 09/1999...04/2007	59,000 59,250	73,600 73,850		2,342 2,358			M157	0,000	AL 20487	2	007 AS 20488 200 ...12/1998
	59,000 59,250	73,600 73,850		2,435 2,485			M157	0,000	AL 20489	2	
	50,787 50,805	53,897 53,909	19,250 19,500	1,654 2,714		0,018 0,068	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	52,982 53,000	56,705 56,718	20,500 20,750	1,836 1,844		0,017 0,064	M916	0,000 0,254 0,508	HL 20434	4	063 HS 20436 200 210 220
52,982 53,000	56,705 56,718	20,500 20,750	1,836 1,844		0,017 0,064	M916	0,000 0,254 0,508	HL 20435	1		

Ø 82

21

182 A3.000 R 4 Benzin, 1370 cm³, 59 kW (80 PS), 9,8:1, 12 Ventile BRAVA 1.4 I 10/1995...08/1998 BRAVO I 1.4 I 10/1995...10/2001 MAREA 1.4 09/1996...05/2002	59,000 59,250	73,600 73,850		2,342 2,358			M157	0,000	AL 20487	2	007 AS 20488 200 ...12/1997
	59,000 59,250	73,600 73,850		2,435 2,485			M157	0,000	AL 20489	2	
	52,982 53,000	56,705 56,718	20,500 20,750	1,836 1,844		0,017 0,064	M916	0,000 0,254 0,508	HL 20434	4	063 HS 20436 200 210 220
	52,982 53,000	56,705 56,718	20,500 20,750	1,836 1,844		0,017 0,064	M916	0,000 0,254 0,508	HL 20435	1	
	40,872 40,890	44,000 44,012	18,850 19,100	1,536 1,546		0,018 0,068	M901	0,000	PL 20607	4	063 PS 20608 200

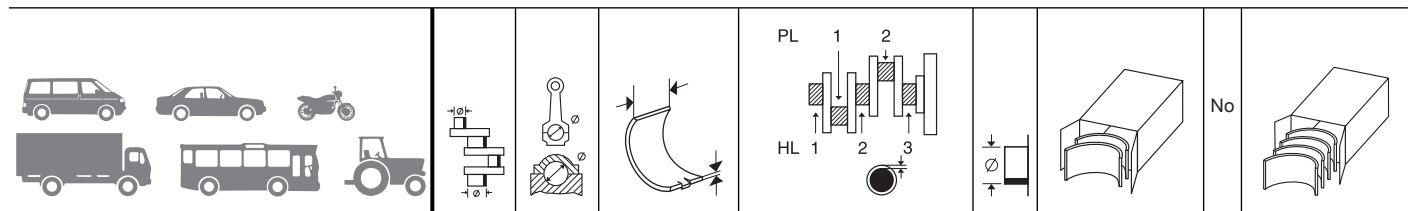


Ø 82											22
182 A5.000, M 659 R 4 Benzin, 1370 cm³, 55 kW (75 PS), 9,8:1 BRAVO I 1.4 I 10/1995...10/2001	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
	53,000	56,718	20,750	1,844		0,064		0,254			210
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254			220
	40,872	44,000	18,850	1,536		0,018	M901	0,000	PL 20607	4	063 PS 20608 200
	40,890	44,012	19,100	1,546		0,068					

Ø 82											23
182 A7.000, 182 A8.000, 183 A7.000, 183 A8.000, 188 A3.000, 223 A6.000, M 720, Euro 2 R 4 Diesel, 1910 cm³, 44 - 81 kW (60 - 110 PS), 8 Ventile BRAVA 1.9 TD 03/1996...10/2001 DOBLO 1.9 D 03/2001...09/2005 MAREA 1.9 TD 09/1996...05/2002 PALIO 1.9 D 03/2001...08/2004 PUNTO II 1.9 DS 09/1999...10/2009 STRADA 1.9 D 12/2000...	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							
	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
	53,000	56,718	20,750	1,844		0,064		0,254			210
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254			220
								0,508			
192 A4.000 R 4 Benzin, 1747 cm³, 96 - 98 kW (130 - 133 PS), 10,3:1 STILO 1.8 10/2001...08/2008											

Ø 82											24
182 B4.000, 182 B9.000, 186 A6.000, 186 A8.000, 188 A2.000, 188 A7.000, 188 B2.000, 192 A1.000, 192 A3.000, 192 A5.000, 192 A8.000, 192 A9.000, 192 B1.000, 192 B5.000, 199 A5.000, 223 A7.000, 223 B1.000, 223 B2.000, 937 A4.000, 937 A5.000, 937 A7.000, 939 A2.000, 939 A7.000, 939 A8.000, D19AA, Euro 3 R 4 Diesel, 1910 cm³, 59 - 110 kW (80 - 150 PS), Turbo, LLK, 8 Ventile BRAVA 1.9 JTD 12/1998...10/2001 BRAVO II 1.9 D 11/2006...06/2008 BRAVO II 1.9 JTD 02/2007...12/2009 CROMA II 1.9 D 06/2005...12/2010 DOBLO 1.9 JTD 10/2001...01/2010 IDEA 1.9 JTD 01/2004...04/2008 MAREA 1.9 JTD 04/1999...05/2002 MAREA 1.9 TD 09/1996...05/2002 MULTIPLA 1.9 JTD 04/1999...06/2010 PUNTO II 1.9 JTD 09/1999...10/2009 PUNTO/GRANDE PUNTO 1.9 10/2005...12/2011 D SEDICI 1.9 D 06/2006... STILO 1.9 D 09/2004...08/2008 STILO 1.9 JTD 10/2001...08/2008 STRADA 1.9 JTD 04/2003...	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					

Ø 82,2											25
WJY (DW8), WJY (DW8B), WJZ (DW8) R 4 Diesel, 1868 cm³, 51 - 52 kW (69 - 71 PS), 23:1, 8 Ventile SCUDO 1.9 D 04/1998...12/2006	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	25,020	27,021									
	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000
	50,000	53,708				0,089		0,300			030



Ø 82,6 **26**

138 C.000, 146 B 2.000, 149 B3.000 R 4 Diesel, 1698 cm³, 43 - 44 kW (58 - 60 PS), 20:1 - 20,5:1, 8 Ventile	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
DUNA DS 1.7 01/1987...12/1991	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200 210 220
ELBA 1.7 D 04/1989...10/1997	53,005	56,730	24,250	1,841		0,079		0,254 0,508			
FIORINO 1.7 D 05/1988...05/2000	52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
FIORINO 1.7 DIESEL 12/1987...12/1990	53,005	56,730	20,750	1,841		0,079		0,254 0,508			
PENNY VAN 1.7 D 01/1986...12/1990											
REGATA 1.7 D 01/1984...12/1989											
RITMO II 1.7 D 05/1985...12/1987											
UNO 1.7 D 07/1986...12/1993											
146 D7.000, 149 B2.000, 149 B4.000 R 4 Diesel, 1697 cm³, 42 kW (57 - 58 PS), 20:1, 8 Ventile	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
FIORINO 1.7 DIESEL 01/1988...10/1993	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200 210
FIORINO 1.7 TD 11/1996...05/2001	53,004	56,735	20,750	1,845		0,074		0,254			
TIPO 1.7 D 01/1988...10/1995	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
	53,004	56,735	24,250	1,845		0,074		0,254			
	50,787	53,897	19,250	1,526		0,018	M114	0,000	PL 20580	4	007 PS 20581 200 210
	50,807	53,913	19,500	1,536		0,074		0,254			

Ø 82,6 **27**

138 TD, 154 C6.000, 160 D1.000, 230 A2.000, 731 D1.000, 835 A4.000, M 707 AT 19.0 R 4 Diesel, 1929 cm³, 51 - 68 kW (69 - 92 PS)	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
CROMA I 1900 TD 05/1989...08/1996	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200 210
DUCATO 1.9 D 03/1994...04/2002	53,004	56,735	20,750	1,845		0,074		0,254			
TEMPRA 1.9 TD 05/1990...08/1996	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
TIPO 1.9 TD 09/1990...04/1995	53,004	56,735	24,250	1,845		0,074		0,254			
	50,787	53,897	19,250	1,526		0,018	M114	0,000	PL 20580	4	007 PS 20581 200 210
	50,807	53,913	19,500	1,536		0,074		0,254			

Ø 82,6 **28**

149 B1.000, 160 A6.000, 160 A7.000 R 4 Diesel, 1929 cm³, 48 - 68 kW (65 - 92 PS), 19,2:1 - 21:1, Turbo, 8 Ventile	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
BRAVO I 1.9 D 10/1995...10/2001	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200 210 220
DUCATO 1.9 D 02/1987...03/1994	53,005	56,730	24,250	1,841		0,079		0,254 0,508			
TALENTO 1.9 D 03/1989...03/1994	52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
TEMPRA 1.9 TD 05/1990...08/1996	53,005	56,730	20,750	1,841		0,079		0,254 0,508			
TIPO 1.9 D 07/1991...08/1996											
TIPO 1.9 TD 09/1990...04/1995											
	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200 210
	53,004	56,735	20,750	1,845		0,074		0,254			
	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
	53,004	56,735	24,250	1,845		0,074		0,254			
	50,787	53,897	19,250	1,526		0,018	M114	0,000	PL 20580	4	007 PS 20581 200 210
	50,807	53,913	19,500	1,536		0,074		0,254			

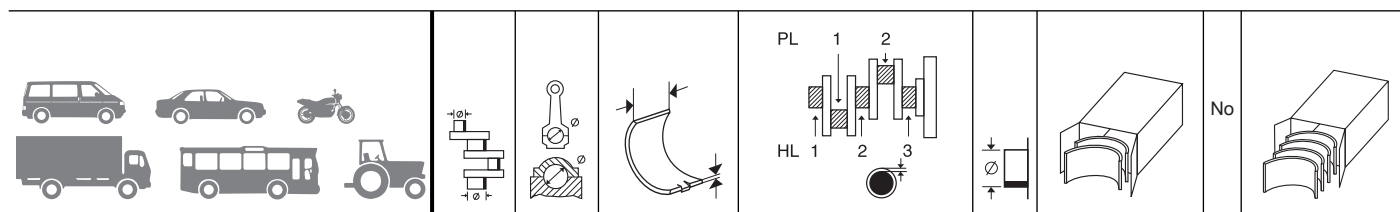
Ø 82,6 **29**

149 B5.046, 154 D1.000, 160 A6.046, 160 B6.046 R 4 Diesel, 1929 cm³, 44 - 69 kW (60 - 94 PS), 19,2:1 - 20:1, 8 Ventile	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
CROMA I 1900 TD 11/1992...12/1996	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200 210
TEMPRA 1.9 TD 03/1992...08/1996	53,004	56,735	20,750	1,845		0,074		0,254			
TIPO 1.9 TD 09/1990...04/1995	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
UNO 1.9 D 09/1989...03/1994	53,004	56,735	24,250	1,845		0,074		0,254			
	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					

Ø 82,6 **30.1**

154 B.000, 230 A3.000, 230 A4.000, 280 A1.000, 281 A1.000, 831 D1.000 R 4 Diesel, 1929 cm³, 59 - 60 kW (80 - 82 PS), 19:1 - 20:1, Turbo, LLK, 8 Ventile	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
DUCATO 1.9 TD 03/1989...04/2002	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200 210
DUCATO 1.9 TD CAT 08/1994...04/2002	53,004	56,735	20,750	1,845		0,074		0,254			
REGATA 1.9 TURBO DIESEL 05/1986...07/1989	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
RITMO II 1.9 TD 12/1985...12/1987	53,004	56,735	24,250	1,845		0,074		0,254			
	50,787	53,897	19,250	1,526		0,018	M114	0,000	PL 20580	4	007 PS 20581 200 210
	50,807	53,913	19,500	1,536		0,074		0,254			

Fortsetzung nächste Seite / Continued on next page



Ø 82,6 - Fortsetzung / Continued

30.2

176 A3.000, 176 A5.000, 176 B3.000, 176 B7.000 R 4 Diesel, 1698 cm³, 42 - 59 kW (57 - 80 PS), 19:1 - 20,5:1, Turbo, 8 Ventile PALIO 1.7 TD PUNTO I 1.7 D PUNTO I 1.7 TD STRADA 1.7 TD	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,991 53,004	56,717 56,735	20,500 20,750	1,835 1,845	1,2,4,5	0,023 0,074	M901	0,000 0,254	HL 20571	4	007 HS 20573 200 210
	52,991 53,004	56,717 56,735	24,000 24,250	1,835 1,845	3	0,023 0,074	M901	0,000 0,254	HL 20572	1	
	50,787 50,807	53,897 53,913	19,250 19,500	1,526 1,536			M114	0,000 0,254	PL 20580	4	007 PS 20581 200 210

403) 0666674

Ø 83

31

138 A5.000, 138 B6.000 R 4 Diesel, 1714 cm³, 40 - 43 kW (55 - 58 PS), 20:1 - 20,5:1, 8 Ventile REGATA 1.7 D RITMO I 1.7 D RITMO II 1.7 D	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18538	1	007 HS 18511 200 210 220
	52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18588	4	

Ø 83

32

D8B, DJY (XUD9) R 4 Diesel, 1905 cm³, 50 - 52 kW (68 - 71 PS) SCUDO 1.9 TD SCUDO 1.9 TD	59,981	63,731	20,040	1,838			0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845								

Ø 83

33

D8B (XUD9TE), DHX (XUD9TE), DHX (XUD9TF/L) R 4 Diesel, 1905 cm³, 66 - 69 kW (90 - 94 PS), 21,8:1 DUCATO 1.9 TD SCUDO 1.9 TD SCUDO 1.9 TD ULYSSE 1.9 TD	59,981	63,731	20,040	1,838			0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845								
	49,984 50,000	53,695 53,708	20,000	1,828		0,039 0,092	M114	0,000 0,300	PL 18020	4	007 PS 18021 000 030	
	25,007 25,020	27,000 27,021	24,050				M114	Semi	BB 18760	4	039 BS 18761 300	
	28,007 28,020	30,202 30,281	23,550 24,050	1,38 1,43			M100	Semi	BB 20287	4	039 BS 20288 300	

Ø 83

34

D9B R 4 Diesel, 1905 cm³, 50 - 51 kW (68 - 69 PS) DUCATO 1.9 D SCUDO 1.9 D	25,007	27,000	24,050					M114	Semi	BB 18760	4	039 BS 18761 300
	25,020	27,021										
	49,984 50,000	53,695 53,708	20,050	1,83		0,035 0,089	M157	0,000 0,300	PL 18030	4	039 PS 18037 000 030	

Ø 83

35

D9B (XUD9A), DJY R 4 Diesel, 1905 cm³, 47 - 52 kW (64 - 71 PS), 23:1 - 23,5:1 DUCATO 1.9 D	59,981	63,731	20,040	1,838			0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845								
	49,984 50,000	53,695 53,708	20,050	1,83		0,035 0,089	M157	0,000 0,300	PL 18030	4	039 PS 18037 000 030	

Ø 83

36

LFW R 4 Benzin, 1761 cm³, 73 kW (99 PS), 9,5:1, 8 Ventile ULYSSE 1.8 I	67,050	83,050		2,33				M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300										
	59,990 60,000	63,718 63,727	20,290	1,845	1.-5.	0,028 0,072	M810	0,000 0,300	HL 19953	5	039 HS 19970 000 030	
	59,990 60,000	63,718 63,727	20,290	1,845	1.-5.	0,028 0,072	M810	0,000 0,300	HL 19954	5		
	44,975 44,990	48,655 48,676	22,250 22,500	1,813 1,819		0,030 0,054	M157	0,000	PL 20739	4	039 PS 20740 000	

HL 19953

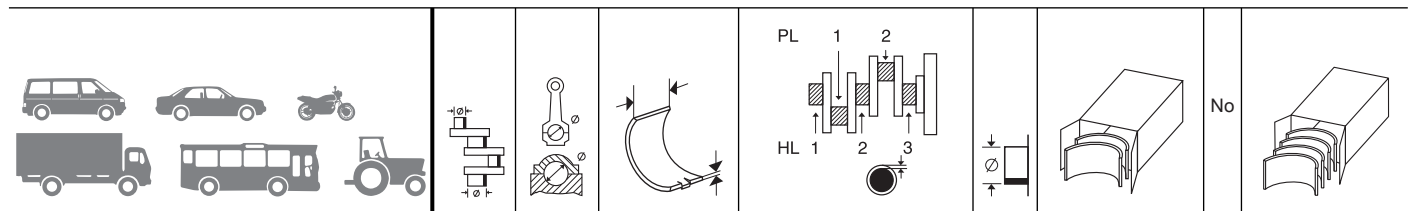


HL 19954



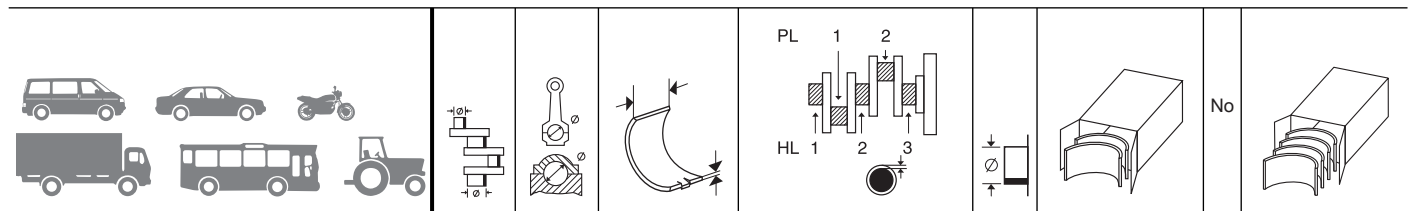
PL 20739





Ø 84											37
<p>124 B3.000, 131 A1.000, 131 AF1, 131 B1.000, 131 C2.000, 131 C3.000, 132 C.000, 132 C6.000, 132 D.000, 138 AR.000, .048, 138 AR2.000, 149 A.000, 149 A2.000, 149 A4.000, 149 A5.048, 149 C2.000, 149 C3.000, 154 A.048, 828 B.000, 828 DB.0. .3, 831 A4.000, 831 A7.000, 831 B3.000, 831 B6.000, 831 B7.000, .046, M 400.AA.16.0, .BT.16.0, M 406.AA.16.0 R 4 Benzin, 1585 cm³, 46 - 96 kW (63 - 131 PS), 8 Ventile 131 1.6 10/1974...04/1985 131 1.6 CL 03/1975...12/1978 131 1.6 SUPER MIRAFIORI 03/1979...03/1982 132 1.6 01/1976...12/1982 1.6 10/1975...07/1982 ARGENTA 1600 04/1981...12/1985 CROMA I 1600 12/1985...12/1990 REGATA 1.6 10/1983...07/1989 REGATA 1.6 I.E. 01/1987...12/1990 REGATA 1.6 SUPER 10/1983...12/1990 RITMO I 1.6 SPORT 05/1981...12/1982 RITMO II 1.6 01/1983...12/1987 RITMO II 1.6 I.E. 09/1985...12/1987 RITMO II 2.0 04/1983...12/1987</p> <p>131 AK, 131 AR, 131 B2.000, 131 C4.000, 132 AZ2.000, 132 C2.000, 132 C3.000, .031, 132 D1.000, 132 DB.2A.O, 138 AR1.000, 159 A5.046, 159 A6.046, 6132 AZ 2.000, 828 B1.000, 828 B4.000, 828 B7.000, 828 C.000, 834 B.048 R 4 Benzin, 1995 cm³, 51 - 103 kW (69 - 140 PS) 124 2000 03/1982...11/1985 131 2.0 06/1978...12/1981 131 2.0 SUPER 01/1981...12/1984 132 2.0 01/1976...06/1981 132 2.0 I 01/1980...12/1982 1.9 10/1975...07/1982 ARGENTA 2000 06/1978...12/1985 ARGENTA 2000 I 06/1981...07/1986 ARGENTA 2000 VOLUMAX 06/1984...07/1985 CAMPAGNOLA 2.0 06/1974...10/1989 CROMA I 2000 I.E. 03/1986...09/1990 RITMO I 2.0 11/1981...09/1982 RITMO II 2.0 TC ABARTH 12/1982...12/1987 TEMPRA 2.0 I.E. 10/1990...08/1996 TIPO 2.0 I 03/1990...04/1995</p> <p>132 A1.000, 132 AB.000, 132 AB.1A.0, 132 AC1.000, 132 B1.000, 132 C1.000, 132 CB.1A, 159 A4.000, .046, 835 C2.000, 835 C4.000, 836 A5.000 R 4 Benzin, 1756 cm³, 66 - 87 kW (90 - 118 PS), Hub 79.2mm, 8 Ventile 124 1800 SPORT 01/1972...12/1977 132 1.7 10/1972...01/1979 TEMPRA 1.8 I.E. 03/1990...08/1996 TIPO 1.8 I 10/1990...04/1995 TIPO 1.8 I.E. 03/1993...04/1995</p> <p>149 C2.046 R 4 Benzin, 1595 cm³, 66 kW (90 PS), 9,5:1, 8 Ventile TIPO 1.6 I 02/1988...05/1991</p>	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18538	1	007 HS 18511 200 210 220
	52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18588	4	

Ø 84											38
<p>154 A1.000, 154 A2.000, 154 C4.046, 154 C5.000, 175 A1.000, 834 C.146, M 401 CG 20.0, M 401 LG 20.0, M 601 FT 20.0 C, M 601 HA 20.0 R 4 Benzin, 1995 cm³, 66 - 140 kW (90 - 190 PS), 8:1 - 9,5:1, 8 Ventile COUPE 2.0 T 11/1993...08/1996 CROMA I 2000 CHT 12/1985...09/1992 CROMA I 2000 I.E. TURBO 12/1985...08/1996</p>	59,000 59,250	73,600 73,850		2,31 2,36		M157	0,000	AL 18404	2	007 AS 18498 000	
	52,991 53,004	56,717 56,735	20,500 20,750	1,835 1,845	1,2,4,5	0,023 0,074	M901	0,000 0,254	HL 20571	4	007 HS 20573 200 210
	52,991 53,004	56,717 56,735	24,000 24,250	1,835 1,845	3	0,023 0,074	M901	0,000 0,254	HL 20572	1	



Ø 84 **39**

154 C3.046, 834 B.000, .146 R 4 Benzin, 1995 cm³, 85 - 88 kW (116 - 120 PS), 9,7:1 CROMA I 2000 I.E. 03/1987...08/1996	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200 210 220
	53,005	56,730	24,250	1,841		0,079		0,254			
	52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841		0,079		0,254			
	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					

Ø 84 **40**

154 E1.000 R 4 Benzin, 1995 cm³, 101 kW (137 PS), 4 Ventile CROMA I 2000 08/1992...08/1996	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200 210
	53,004	56,735	20,750	1,845		0,074		0,254			
	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
	53,004	56,735	24,250	1,845		0,074		0,254			
	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					

Ø 84 **41**

160 A5.000 R 4 Benzin, 1756 cm³, 100 kW (136 PS), 9,9:1, 16 Ventile TIPO 1.8 I 11/1989...06/1992	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200 210
	53,004	56,735	20,750	1,845		0,074		0,254			
	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
	53,004	56,735	24,250	1,845		0,074		0,254			
	50,792	53,892	19,250	1,53		0,007	M901	0,000	PL 20578	4	007 PS 20579 200
	50,805	53,910	19,500	1,54		0,058					

Ø 84 **42**

169 B R 4 Benzin, 1796 cm³, 50 kW (68 PS), 7,5:1, 8 Ventile DUCATO 1.8 01/1982...10/1988	49,975	53,655	23,400	1,812			M157	0,000	PL 10067	4	039 PS 10066 000 030 050
	49,991	53,674		1,818				0,300			
								0,500			

Ø 85 **43**

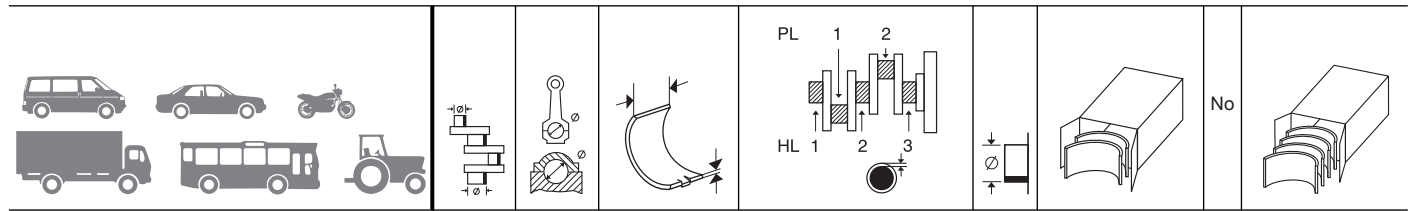
4HW(DW12ATED4) R 4 Diesel, 2179 cm³, 94 kW (128 PS), 18:1, 16 Ventile ULYSSE 2.2 JTD 08/2002...08/2006	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
RHK, RHR, RHV (DW10), RHW R 4 Diesel, 1997 cm³, 62 - 100 kW (84 - 136 PS), 17,5:1 - 18:1, 16 Ventile DUCATO 2.0 JTD 07/2001...07/2006 SCUDO 2.0 D 01/2007... ULYSSE 2.0 D 05/2006...06/2011											

Ø 85 **44**

4HX (DW12TED4) R 4 Diesel, 2179 cm³, 94 - 100 kW (128 - 136 PS), 18:1, 16 Ventile	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			
	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000 030
	50,000	53,708				0,092		0,300			
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
67,300	83,300										
	59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000 030
	60,000	63,741	19,490	1,856				0,300			

Ø 85 **45**

P8C R 4 Diesel, 2088 cm³, 80 kW (109 PS), 21,5:1 ULYSSE 2.1 TD 03/1996...10/1999	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			



Ø 85											46
RHM (DW10ATED4) R 4 Diesel, 1997 cm³, 79 kW (107 PS), 16 Ventile SCUDO 2.0 JTD 05/1999...12/2006 ULYSSE 2.0 JTD 05/2003...08/2006	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			
	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							
59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000 030	
60,000	63,741	19,490	1,856				0,300				

Ø 85											47
RHW (DW10ATED4), RHX, RHZ R 4 Diesel, 1997 cm³, 69 - 80 kW (94 - 109 PS), 17,6:1, 16 Ventile SCUDO 2.0 JTD 05/1999...12/2006 ULYSSE 2.0 JTD 05/1999...08/2006	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
28,020	30,281	24,050	1,43								
59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000 030	
60,000	63,741	19,490	1,856				0,300				

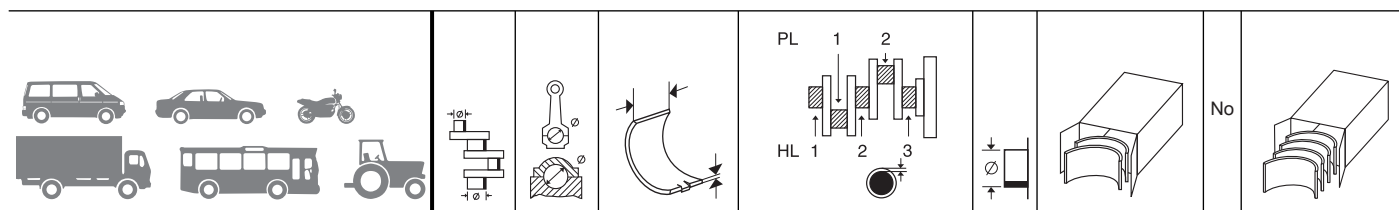
Ø 86											48
128 A 1.000, 128 AC.000 R 4 Benzin, 1290 cm³, 44 - 54 kW (60 - 73 PS), 9:1, Hub 70mm, 8 Ventile 128 1.3 03/1972...10/1982 128 1.3 SPORT 08/1974...12/1984	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
								0,508			
50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1		
50,800	54,520				0,064		0,254				
							0,508				

Ø 86											49
128 AS.000 R 4 Benzin, 1290 cm³, 54 - 55 kW (73 - 75 PS), 9,2:1, 8 Ventile X1/9 1.3 05/1973...12/1979	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
								0,508			
50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1		
50,800	54,520				0,064		0,254				
							0,508				
45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220	
45,528	48,646	19,200	1,542		0,070		0,508				

Ø 86											50	
RFL, RFV, RFW, RGX (XU10J2CTE) R 4 Benzin, 1998 cm³, 80 - 108 kW (109 - 147 PS), 8,5:1 - 10,4:1 DUCATO 2.0 03/1994...04/2002 DUCATO 2.0 BIPOWER 04/2002...07/2006 ULYSSE 2.0 I 05/1998...09/2000 ULYSSE 2.0 T 06/1994...08/2002	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030	
	60,000	63,750	20,290	1,845		0,103		0,300				

Ø 86											51
RFU (XU10J2C) R 4 Benzin, 1998 cm³, 90 kW (123 PS), 9,5:1, 8 Ventile ULYSSE 2.0 I 06/1994...08/2002	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			
	49,984	53,695	21,950	1,843		0,020	M810	0,000	PL 19933	4	
50,000	53,708				0,064		0,300				
HL 18018											
PL 19933											

Ø 86,4											52
138 A1.000 R 4 Benzin, 1301 cm³, 48 kW (65 PS), 9:1, Hub 55.5mm, 8 Ventile RITMO I 1.3 01/1978...09/1983	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
								0,508			
50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1		
50,800	54,520				0,064		0,254				
							0,508				
138 B2.000, 149 A3.000, 149 A7.000 R 4 Benzin, 1302 cm³, 48 - 51 kW (65 - 69 PS), 9,1:1 - 9,6:1, 8 Ventile REGATA 1.3 09/1983...07/1989 RITMO I 1.3 11/1983...08/1985 RITMO II 1.3 01/1983...12/1987 UNO 1.3 01/1983...08/1989											

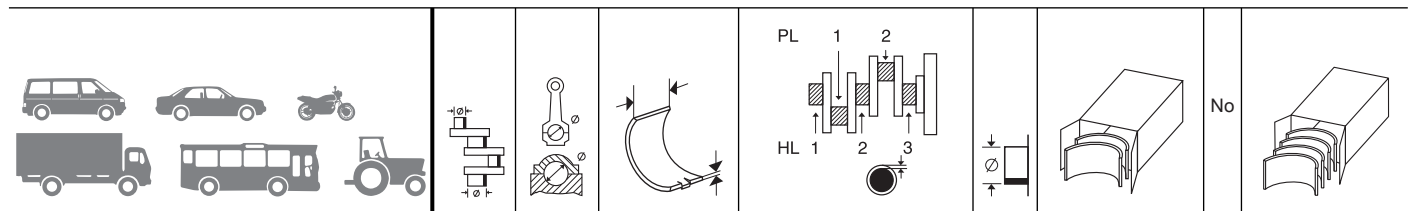


Ø 86,4											53
138 A2.000, 138 A4.000, 138 B3.000, 149 C1.000, 831 B1.000 R 4 Benzin, 1498 cm³, 55 - 63 kW (75 - 86 PS), 9:1 - 9,5:1, 8 Ventile ELBA 1.5 04/1986...12/1996 FIORINO 1.5 01/1988...12/1993 REGATA 1.5 09/1983...04/1989 REGATA 1.5 I.E. 07/1985...07/1989 RITMO I 1.5 01/1980...07/1989 RITMO I 1.5 I.E. 10/1985...05/1987 RITMO II 1.5 01/1983...12/1987 RITMO II 1.5 KAT 09/1985...12/1988 UNO 1.5 I 10/1985...12/1993	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
50,780 50,800	54,507	54,520	22,750	1,85		0,017	M157	0,000	HL 20625	1	
						0,064		0,254			
138 A3.000 R 4 Benzin, 1301 cm³, 55 kW (75 PS), 9:1, Hub 55.5mm, 8 Ventile RITMO I 1.3 01/1981...09/1982	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542		0,070		0,508			
138 C2.048 R 4 Benzin, 1499 cm³, 55 kW (75 PS), 9:1, 8 Ventile REGATA 1.5 I.E. 07/1985...07/1989 RITMO I 1.5 I.E. 10/1985...05/1987 RITMO II 1.5 KAT 09/1985...12/1988 UNO 1.5 I 10/1985...12/1993											
146 C6.000, 146 D6.000, 159 A3.046, .048, 160 A2.000, 176 A9.000, 178 B3.000, 185 A3.000, 186 A3.000, 186 A4.000, 220 A2.000, 835 A1.046 R 4 Benzin, 1581 cm³, 51 - 78 kW (69 - 106 PS) FIORINO 1.6 10/1993...05/2001 MAREA 1.6 BIPOWER 04/1999...05/2002 MULTIPLA 1.6 BIPOWER 04/1999...06/2010 PALIO 1.6 04/1996...08/2001 PUNTO I 1.6 01/1994...04/1997 SCUDO 1.6 02/1996...12/2006 SIENA 1.6 I 09/1998... TEMPRA 1.6 I.E. 06/1990...08/1996 TIPO 1.6 01/1988...10/1991 TIPO 1.6 I 07/1990...04/1995 UNO 1.6 I 12/1989...12/1993 UNO 1.6 R 12/1992...12/1995											
159 A3.000 R 4 Benzin, 1580 cm³, 62 - 66 kW (84 - 90 PS), 9,2:1, 8 Ventile PREMIO 1.6 03/1985...12/1996 TEMPRA 1.6 03/1990...04/1993											

Ø 86,4											54
138 AS.000, 138 B3.048, 138 BS.031, 149 A5.000 R 4 Benzin, 1499 cm³, 55 - 58 kW (75 - 79 PS), 8 Ventile REGATA 1.5 12/1983...07/1989 RITMO II 1.5 08/1985...05/1987 X1/9 1.5 11/1978...12/1989	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542		0,070		0,508			
52,982 53,000	56,705	56,718	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200 210 220
			20,750	1,844		0,064		0,254			
138 C3.048 R 4 Benzin, 1498 cm³, 55 - 57 kW (75 - 78 PS) REGATA 1.5 12/1983...07/1989 RITMO I 1.5 10/1983...12/1984	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254			

Ø 86,4											55.1
159 B9.000, 835 C1.000 R 4 Benzin, 1581 cm³, 55 - 66 kW (75 - 90 PS), 9,2:1, 8 Ventile TEMPRA 1.6 I 06/1994...08/1996 TEMPRA 1.6 I.E. 10/1990...08/1996 TIPO 1.6 I 10/1992...04/1995	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
831 A1.000 R 4 Benzin, 1498 cm³, 59 kW (80 PS), 9,5:1	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254			

Fortsetzung nächste Seite / Continued on next page



Ø 86,4 - Fortsetzung / Continued

55.2

159 B9.000, 835 C1.000 R 4 Benzin, 1581 cm³, 55 - 66 kW (75 - 90 PS), 9,2:1, 8 Ventile TEMPRA 1.6 I 06/1994...08/1996 TEMPRA 1.6 I.E. 10/1990...08/1996 TIPO 1.6 I 10/1992...04/1995	54,520	20,000	1,842	1,2.4.5.	M157	0,000	HL 20627	4	007 HS 20629 200 210 220
	54,520	22,500	1,842	3.	M157	0,000	HL 20628	1	
831 A1.000 R 4 Benzin, 1498 cm³, 59 kW (80 PS), 9,5:1	45,508	18,950	1,534	0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	19,200	1,542	0,070	M157	0,508	PL 20461	4	
	45,500	18,950	1,538	0,060	M157	0,000	PL 20461	4	007 PS 20462 200 210

Ø 86,4

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182 A4.000, 182 A6.000 R 4 Benzin, 1581 cm³, 66 kW (90 PS), 10,1:1, 16 Ventile BRAVA 1.6 02/1996...10/2001 BRAVO I 1.6 I 10/1995...10/2001 MAREA 1.6 09/1996...05/2002 MULTIPLA 1.6 04/1999...06/2010	50,780	20,250	1,85	0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220 ...02/1999
	50,800	20,250	1,85	0,064	M157	0,254	HL 20625	1	
	50,780	22,750	1,85	0,017	M157	0,254	HL 20627	4	
	50,800	22,750	1,85	0,064	M157	0,508	HL 20628	1	
	45,508	18,950	1,534	0,017	M157	0,000	PL 20347	4	
	45,528	19,200	1,542	0,070	M157	0,508	PL 20461	4	
45,500	18,950	1,538	0,060	M157	0,254	PL 20461	4	007 PS 20462 200 210 ...03/1999...	

Ø 88

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8144.65 R 4 Diesel, 1995 cm³, 44 kW (60 PS), 22,1:1 131 2.0 D 07/1978...08/1984 132 2.0 D 07/1978...07/1982	76,187	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200 210 220
	76,200	31,950	2,172	0,094	M900	0,254	HL 20377	4		
	76,187	24,600	2,163	1,2.3.4.	0,043	M900	0,000	HL 20377	4	0,254 0,508

Ø 88

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XN 1T R 4 Benzin, 1971 cm³, 57 - 60 kW (78 - 82 PS), 8:1, 8 Ventile DUCATO 2.0 01/1982...08/1990	49,975	23,400	1,812	0,028	M157	0,000	PL 10067	4	039 PS 10066 000 030 050
	49,991	23,400	1,818	0,075	M157	0,300	PL 10067	4	0,500

Ø 92

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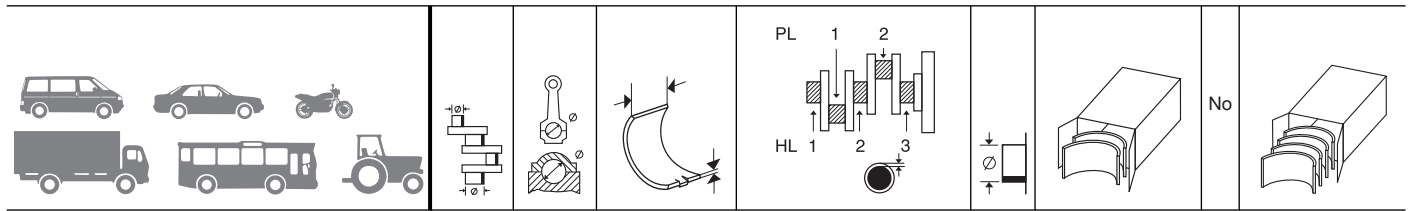
THY (DK5ATE) R 4 Diesel, 2446 cm³, 96 kW (131 PS), 22:1, 12 Ventile	34,000	27,200	1,60	M100	Semi	BB 20269	4	039 BS 20270 300	
	53,981	27,700	1,68	M218	0,000	PL 20501	4		
	54,000	22,650	1,821	0,043	M218	0,300	PL 20501	4	039 PS 20502 000 030

Ø 93

60.1

8140.07 R 4 Diesel, 2499 cm³, 18,5:1	31,990	30,200	1,70	M5	Semi	BB 20393	4	007 BS 20394 300 403) 344183	
	31,996	30,700	1,75	M114	0,000	FL 20358	1		
	86,182	30,870	2,164	5	0,032	M114	0,254		007 HS 20359 200 210 220 230 01/1995...
86,208	30,950	2,174	1,2,3,4	0,104	M114	0,508	0,762 0,000 0,254 0,508 0,762		
	80,182	23,550	2,164	0,032	M114	0,000	HL 20357	4	
	80,208	23,800	2,174	0,102	M114	0,254	HL 20357	4	0,508 0,762

Fortsetzung nächste Seite / Continued on next page



Ø 93 - Fortsetzung / Continued

60.2

8140.07 R 4 Diesel, 2499 cm³, 18,5:1	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1995</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1982...12/1992</small>

Ø 93

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8140.27 R 4 Diesel, 2500 cm³, 67 - 77 kW (91 - 105 PS), 18:1, 8 Ventile DUCATO 2.5 TD 09/1986...03/1994 DUCATO PANORAMA 2.5 D 09/1986...05/1990 4X4	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1994</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>...12/1992</small>

Ø 93

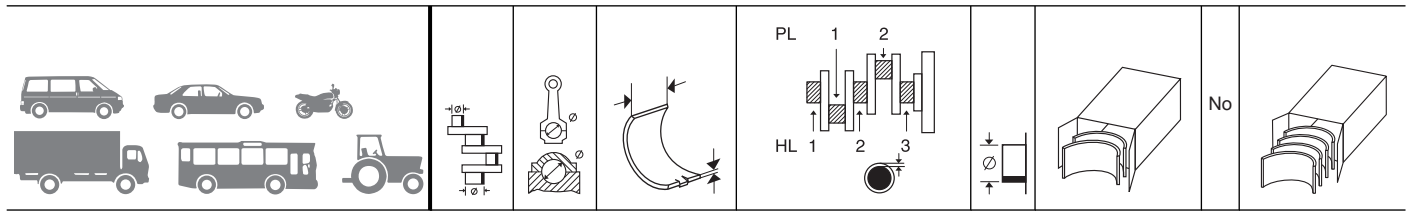
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8140.27.210, .27.213, .61.201, 8144.61 R 4 Diesel, 2445 cm³, 53 - 69 kW (72 - 94 PS) 131 2.5 SUPER DIESEL 06/1978...12/1984 132 2.5 D 07/1978...07/1982 ARGENTA 2500 D 06/1981...11/1985 DUCATO 2.4 D 01/1982...08/1990	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220 <small>...12/1982</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1983...</small>
	PL 20223										

Ø 93

63.1

8140.27R, 8140.47 RTD ECO, 8140.67 DS R 4 Diesel, 2499 cm³, 67 - 70 kW (91 - 95 PS)	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	Fortsetzung nächste Seite / Continued on next page										



Ø 93 - Fortsetzung / Continued

64.2

8140.27S.3700, 8140.47 TD R 4 Diesel, 2499 cm³, 77 kW (105 PS), 18,5:1, 8 Ventile	56,520	60,333	24,450	1,889			0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220 <small>01/1978...12/1982</small>
	56,535	60,345	24,700	1,899			0,075		0,254			
	56,520	60,333	24,450	1,861			0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210 <small>01/1982...12/1992</small>
	56,535	60,345	24,700	1,871			0,075		0,254			
PL 20223												

Ø 93

65

8140.47 R 4 Diesel, 2499 cm³, 80 - 85 kW (109 - 116 PS), 18:1 DUCATO 2.5 TD 06/1994...04/1998 DUCATO 2.5 TDI 03/1994...04/2002	31,990	34,895	30,200	1,70				M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small> 007 HS 20359 200 210 220 230 <small>01/1995...</small>	
	31,996	34,920	30,700	1,75									
	86,182	90,588	30,870	2,164	5		0,032	M114	0,000	FL 20358	1		
	86,208	90,614	30,950	2,174			0,104		0,254				0,508
									0,762				
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4			
	80,208	84,614	23,800	2,174		0,102		0,254				0,508	
								0,762					
	76,171	80,587	31,900	2,164	5.	0,032	M900	0,000	FL 20369	1	007 HS 20370 200 210 220 <small>...12/1994</small>		
	76,200	80,616	31,950	2,174		0,104		0,254				0,508	
	76,171	80,587	24,610	2,164	1.2.3.4.	0,039	M900	0,000	HL 20368	4			
	76,200	80,616	24,990	2,174		0,117		0,254				0,508	
	56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220		
	56,534	60,348	24,690	1,884		0,092		0,254				0,508	

Ø 93

66

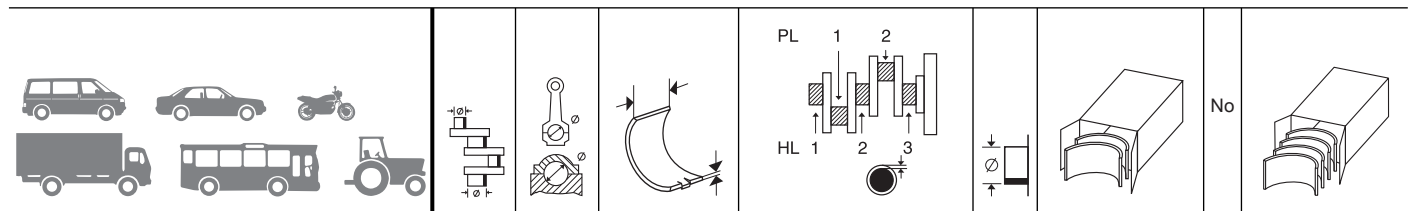
8140.47R R 4 Diesel, 2500 cm³, 80 kW (110 PS), 18,5:1, 8 Ventile DUCATO 2.5 TDI 03/1994...04/2002	31,990	34,895	30,200	1,70				M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	31,996	34,920	30,700	1,75								
	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200 210 220	
	76,200	80,607	31,950	2,172		0,094		0,254				0,508
8144.61.500.81 R 4 Diesel, 2445 cm³, 66 kW (90 PS), 22:1, Turbo, 8 Ventile ARGENTA 2500 TD 07/1983...08/1985	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4		
	76,200	80,607	25,000	2,172		0,094		0,254				0,508
8144.97.2400 R 4 Diesel, 2499 cm³, 83 - 87 kW (113 - 118 PS), 21:1, 8 Ventile CROMA I 2500 TD 05/1989...08/1996	56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220	
	56,535	60,345	24,700	1,899		0,075		0,254				0,508
PL 20223												

Ø 93

67.1

8140.61 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 21:1, Hub 90mm, 8 Ventile DUCATO 2.4 D 09/1986...10/1987	31,990	34,895	30,200	1,70				M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small> 007 HS 20359 200 210 220 230 <small>01/1995...</small>
	31,996	34,920	30,700	1,75								
	86,182	90,588	30,870	2,164	5		0,032	M114	0,000	FL 20358	1	
	86,208	90,614	30,950	2,174		0,104		0,254				0,508
								0,762				
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4		
	80,208	84,614	23,800	2,174		0,102		0,254				0,508
								0,762				

Fortsetzung nächste Seite / Continued on next page

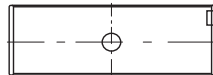


Ø 93 - Fortsetzung / Continued

67.2

8140.61 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 21:1, Hub 90mm, 8 Ventile DUCATO 2.4 D 09/1986...10/1987	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1995</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1982...12/1992</small>

PL 20223

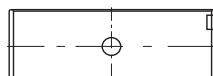


Ø 93

68

8140.61 R 4 Diesel, 2499 cm³, 62 kW (85 - 84 PS), 22:1 DUCATO 2.5 D 03/1994...04/2002	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210

PL 20223

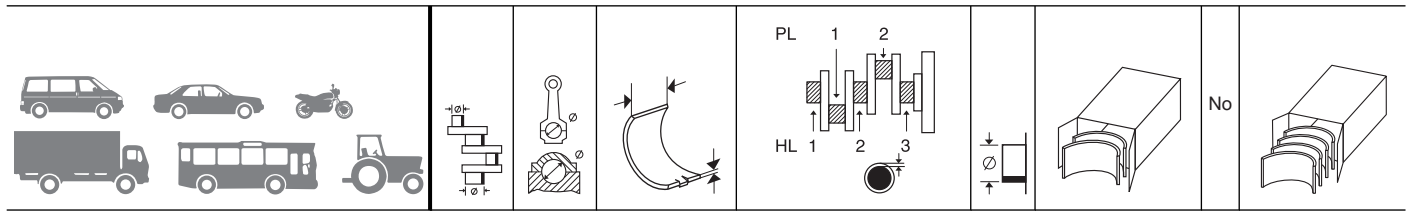


Ø 93

69.1

8142.61 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 21:1, 8 Ventile	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
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Fortsetzung nächste Seite / Continued on next page



Ø 93 - Fortsetzung / Continued

69.2

8142.61 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 21:1, 8 Ventile	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1994</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1983...12/1992</small>
PL 20223											

Ø 93

70

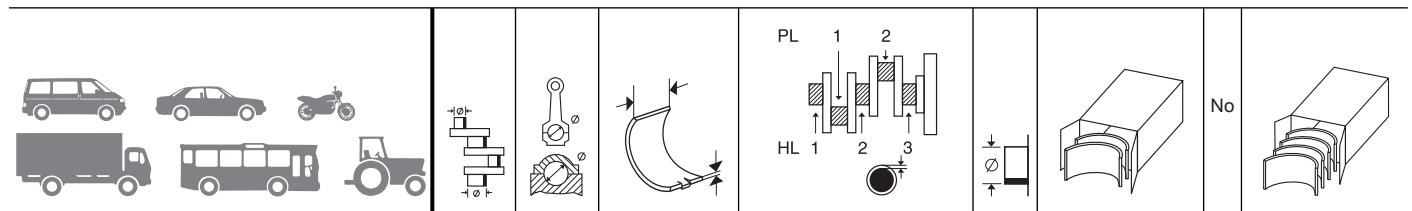
8144.21, 8144.21.220, 8144.91.2000 R 4 Diesel, 2445 cm³, 68 - 74 kW (92 - 101 PS), 18:1 - 22:1, Turbo CROMA I 2500 TD DUCATO 2.5 TD 4X4	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210

Ø 93

71.1

8144.61.200 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 21:1 CAMPAGNOLA 2.4 D	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	

Fortsetzung nächste Seite / Continued on next page



Ø 93 - Fortsetzung / Continued

71.2

8144.61.200 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 21:1 CAMPAGNOLA 2.4 D 06/1974...10/1989	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220	
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4		
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884			0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899			0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220 <small>01/1978...12/1982</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871			0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1983...</small>
PL 20223												

Ø 93

72

8144.67 R 4 Diesel, 2499 cm³, 55 kW (75 PS), 22:1, 8 Ventile CROMA 2500 D 12/1985...12/1989 DUCATO 2.5 D 01/1982...03/1994	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884			0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4
56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871			0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>...12/1992</small>

Ø 93

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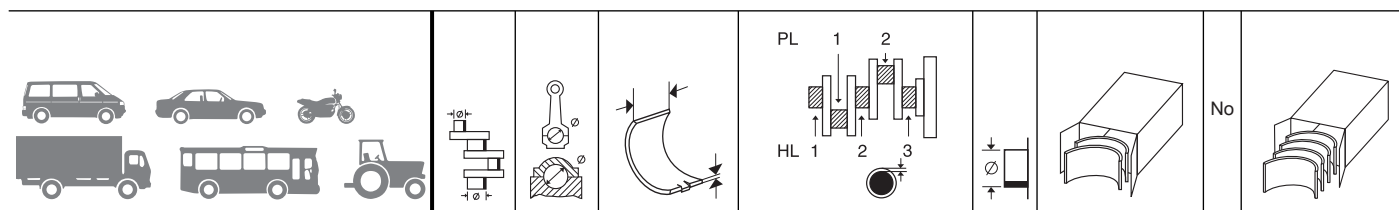
8144.81.2000 R 4 Diesel, 2445 cm³, 66 - 74 kW (90 - 101 PS), 22:1, 8 Ventile CROMA 2500 TD 05/1989...08/1996	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871			0,028 0,075	M900	0,000 0,254	PL 20349	4

Ø 93

74.1

8144.97 R 4 Diesel, 2449 cm³, 85 kW (115 PS), 22:1, 8 Ventile CROMA 2500 TD 05/1989...08/1996	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
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Ø 93 - Fortsetzung / Continued

74.2

8144.97 R 4 Diesel, 2449 cm³, 85 kW (115 PS), 22:1, 8 Ventile CROMA I 2500 TD 05/1989...08/1996	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>	
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4		
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1		007 HS 20370 200 210 220 <small>01/1993...12/1994</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4		
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1		007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4		
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4		007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4		

Ø 93

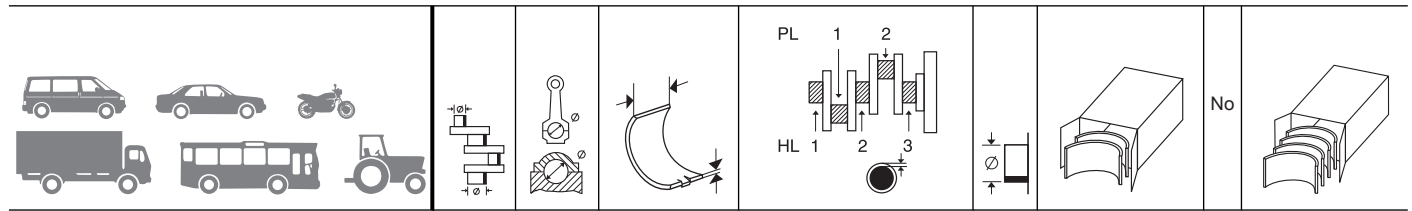
75

8144.97S R 4 Diesel, 2449 cm³, 78 kW (106 PS), 21:1, 8 Ventile CROMA I 2500 TDE 12/1991...08/1996	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small> 007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	

Ø 93

76

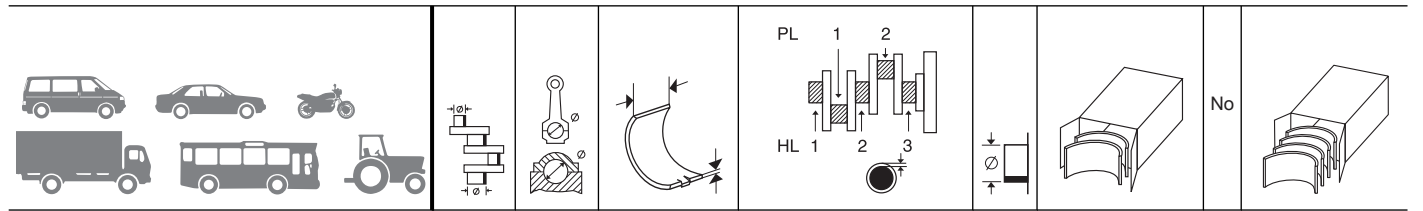
8144.97 Y R 4 Diesel, 2449 cm³, 85 kW (115 PS), 22,5:1, 8 Ventile CROMA I 2500 TD 05/1989...08/1996	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small> 007 HS 20359 200 210 220 230 <small>01/1995...</small>	
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1		
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4		
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1		007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4		
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4		007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4		



Ø 93											77
CRD93L (U25-661) R 4 Diesel, 2500 cm³, 54 - 55 kW (73 - 75 PS), 22,3:1, 8 Ventile DUCATO 2.5 D 01/1982...08/1990	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
	56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220
	56,535	60,345	24,700	1,899		0,075		0,254			0,508
PL 20223											

Ø 94,4											78
8140.23.3900, Euro 2 R 4 Diesel, 2798 cm³, 77 - 85 kW (105 - 115 PS), 18,5:1, Turbo, LLK	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200 210 220 230
	86,208	90,614	30,950	2,174		0,104		0,254			0,508
								0,762			
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
	80,208	84,614	23,800	2,174		0,102		0,254			0,508
								0,762			
	56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220
	56,534	60,348	24,690	1,884		0,092		0,254			0,508

Ø 94,4											79	
8140.23 TC R 4 Diesel, 2800 cm³	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300	
	31,996	34,920	30,700	1,75							<small>403) 344183</small>	
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200 210 220 230	
	86,208	90,614	30,950	2,174		0,104		0,254			0,508	
								0,762				<small>01/1995...</small>
		80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
		80,208	84,614	23,800	2,174		0,102		0,254			0,508
									0,762			
		76,171	80,587	31,900	2,164	5.	0,032	M900	0,000	FL 20369	1	007 HS 20370 200 210 220
		76,200	80,616	31,950	2,174		0,104		0,254			0,508
									0,762			<small>01/1993...12/1994</small>
		76,171	80,587	24,610	2,164	1.2.3.4.	0,039	M900	0,000	HL 20368	4	
		76,200	80,616	24,990	2,174		0,117		0,254			0,508
	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200 210 220	
	76,200	80,607	31,950	2,172		0,094		0,254			0,508	
								0,762			<small>...12/1992</small>	
	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4		
	76,200	80,607	25,000	2,172		0,094		0,254			0,508	
	56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220	
	56,534	60,348	24,690	1,884		0,092		0,254			0,508	
	56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220	
	56,535	60,345	24,700	1,899		0,075		0,254			0,508	
	56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210	
	56,535	60,345	24,700	1,871		0,075		0,254			<small>01/1982...12/1992</small>	
PL 20223												



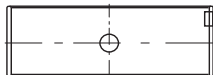
Ø 94,4 **80**

8140.43 R 4 Diesel, 2800 cm³, 90 kW (122 PS), 18,5:1, 8 Ventile DUCATO 2.8 TDI 10/1997...04/2002	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220

Ø 94,4 **81**

8140.43 M R 4 Diesel, 2800 cm³, 107 kW (146 PS)	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1995</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220 <small>01/1978...12/1982</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1982...12/1992</small>

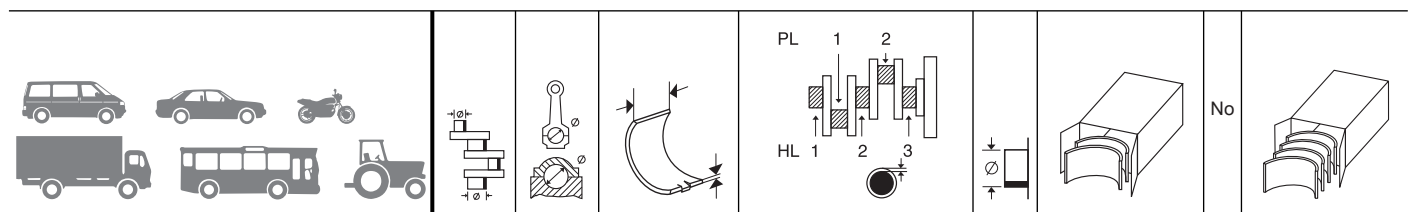
PL 20223



Ø 94,4 **82.1**

8140.43N R 4 Diesel, 2800 cm³, 107 kW (146 PS), 18,5:1, 8 Ventile DUCATO 2.8 JTD POWER 05/2004...07/2008	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>

Fortsetzung nächste Seite / Continued on next page



Ø 94,4 - Fortsetzung / Continued

82.2

8140.43S , Euro 3 R 4 Diesel, 2798 cm³, 92 kW (125 PS), 18,5:1, Turbo, LLK, 8 Ventile DUCATO 2.8 JTD 11/2000...07/2006	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200 210 220 230 230
	86,208	90,614	30,950	2,174				0,254			
								0,508			
8140.63 R 4 Diesel, 2799 cm³, 62 kW (84 PS), 21,7:1 DUCATO 2.8 D 02/1998...04/2002	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	007 PS 20182 200 210 220
	80,208	84,614	23,800	2,174				0,254			
								0,508			
	56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	
	56,534	60,348	24,690	1,884		0,092		0,254			
								0,508			

Ø 95

83

8025.01 R 2 Diesel, 1559 cm³, 17:1	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 403) 645691
	85,340	106,800		3,43							
	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200	3	210 220 230 240
	76,200	80,607	24,990	2,172		0,094		0,254			
								0,508			
								0,762			
								1,016			
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200	2	210 220 230 240
	58,743	62,420	28,700	1,815		0,078		0,254			
								0,508			
								0,762			
								1,016			

Ø 95

84

803.A. 8035.01 R 3 Diesel, 2339 cm³, 28 - 35 kW (38 - 48 PS)	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 403) 645691
	85,340	106,800		3,43							
8035.01.265 R 3 Diesel, 2338 cm³	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200	4	007 HS 20198 200 230
	76,200	80,607	24,990	2,172		0,094		0,762			
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200	3	007 PS 20200 200 210 220 230
	58,743	62,420	28,700	1,815		0,078		0,254			
								0,508			
								0,762			
								1,016			
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200	3	210 220 230 240
	58,743	62,420	28,700	1,815		0,078		0,254			
								0,508			
								0,762			
								1,016			

Ø 95

85

8030.00 R 3 Diesel, 2340 cm³, 28 - 38 kW (38 - 51 PS), 17:1, 6 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 403) 645691
	85,340	106,800		3,43							
853 R 3 Diesel, 2339 cm³, 17:1	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200	4	007 HS 20198 200 230
	76,200	80,607	24,990	2,172		0,094		0,762			
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200	3	007 PS 20200 200 210 220
	58,743	62,420	28,700	1,815		0,078		0,254			
								0,508			
								0,762			
								1,016			
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200	3	210 220 230 240
	58,743	62,420	28,700	1,815		0,078		0,254			
								0,508			
								0,762			
								1,016			

Ø 95

86

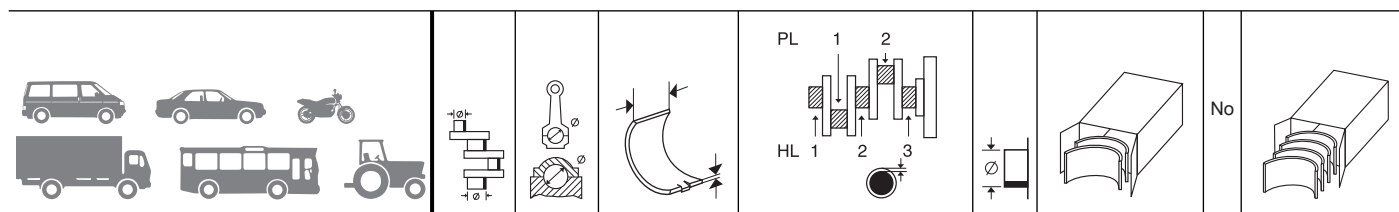
8040.00 R 4 Diesel, 3120 cm³, 51 kW (70 PS), 17:1, 8 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 403) 645691
	85,340	106,800		3,43							
8045.01 R 4 Diesel, 3119 cm³, 40 - 54 kW (54 - 73 PS), 17:1	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200	5	007 HS 20201 200 210 220 230
	76,200	80,607	24,990	2,172		0,094		0,254			
								0,508			
								0,762			
								1,016			
854 R 4 Diesel, 3117 cm³	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200	4	007 PS 20199 200 210 220 230
	58,743	62,420	28,700	1,815		0,078		0,254			
								0,508			
								0,762			
								1,016			

Ø 95

87.1

806.A R 6 Diesel, 4678 cm³	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 403) 645691
	85,340	106,800		3,43							

Fortsetzung nächste Seite / Continued on next page



Ø 95 - Fortsetzung / Continued

87.2

806.A R 6 Diesel, 4678 cm³	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200 210 220 230 240	7
	76,200	80,607	24,990	2,172		0,094		0,254 0,508 0,762 1,016		
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220 230 240	6
	58,743	62,420	28,700	1,815		0,078		0,254 0,508 0,762 1,016		

Ø 95

88

8060.01 R 6 Diesel, 4678 cm³, 66 - 81 kW (90 - 110 PS), 17:1 645N1 01/1967...12/1969 650N/1 01/1960...12/1969 655N 01/1969...12/1970 662N, 662N1 01/1963...12/1969	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							

Ø 95

89

856 R 6 Diesel, 4678 cm³	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							
	50,975	54,780	27,600	1,60			M157	0,000	NB 20401	1	007 NS 20406 000
	51,000	54,805	28,000								
	50,475	54,280	27,600	1,60			M157	0,000	NB 20403	1	
	50,500	54,305	28,000								
	49,975	53,780	23,600	1,60			M157	0,000	NB 20404	1	
50,000	53,805	24,000									
51,470	55,280	27,600	1,60			M157	0,000	NB 20405	1		
51,500	55,300	28,000									
76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200 210 220 230 240	7		
76,200	80,607	24,990	2,172		0,094		0,254 0,508 0,762 1,016				
58,730	62,408	28,320	1,806		0,035	M900	0,000			007 PL 20185 200 210 220 230 240	6
58,743	62,420	28,700	1,815		0,078		0,254 0,508 0,762 1,016				

Ø 100

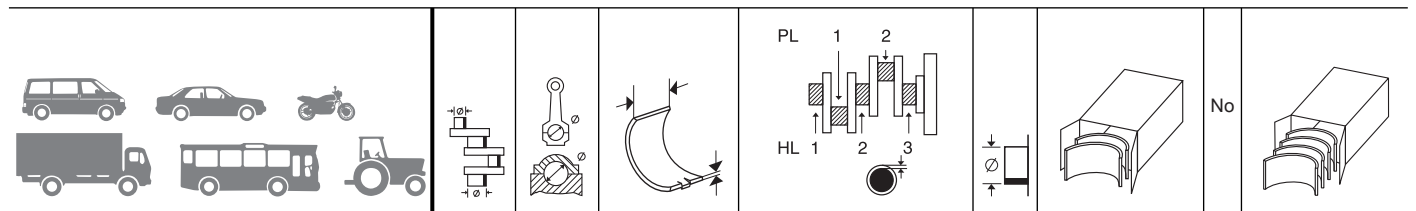
90

8025.02 R 2 Diesel, 1728 cm³, 24 kW (33 PS), 17:1	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							
	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200 210 220 230 240	3	
76,200	80,607	24,990	2,172		0,094		0,254 0,508 0,762 1,016				
58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220 230 240			2
58,743	62,420	28,700	1,815		0,078		0,254 0,508 0,762 1,016				

Ø 100

91

8030.02, 8035.02 R 3 Diesel, 2592 cm³, 33 - 40 kW (45 - 54 PS), 17:1, 6 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							
853A R 3 Diesel, 2339 cm³, 17:1	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200 230	4	007 HS 20198 200 230 <small>01/1980...</small>
	76,200	80,607	24,990	2,172		0,094		0,762			
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220	3	007 PS 20200 200 210 220 <small>01/1980...</small>
58,743	62,420	28,700	1,815		0,078		0,254 0,508				
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220 230 240	3	
	58,743	62,420	28,700	1,815		0,078		0,254 0,508 0,762 1,016			



Ø 100										92		
8035.06.200, .06.206, .06.208, .06.222, .06.307, .06.308, .06.323 R 3 Diesel, 2708 cm³, 33 - 41 kW (45 - 56 PS), 17:1, 6 Ventile	79,781	84,200	24,610	2,169			0,045	M900	0,000	007 HL 20195 200 210 220 230 240	4	007 HS 20202 200 210 220 230 240 ...12/1993
	79,799	84,230	24,990	2,178			0,111		0,254			
	63,725	67,407	28,320	1,806			0,033	M900	0,000			
63,744	67,422	28,700	1,815			0,085		0,254				
	79,791	84,200	24,610	2,169			0,034	M900	0,000	007 HL 20334 200 210 220 230 240	4	
	79,810	84,230	24,990	2,178			0,101		0,254			

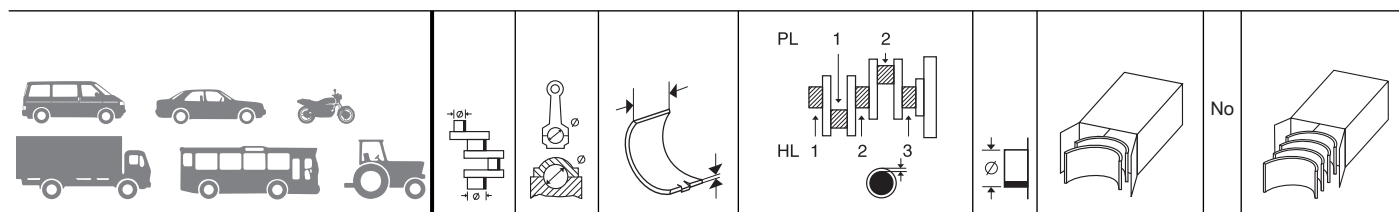
Ø 100										93		
8040.02 R 4 Diesel, 3456 cm³, 60 kW (82 PS), 17:1, 8 Ventile 50N 55N 65P	85,090	106,550		3,38				M157	0,000	AL 20340	4	007 AS 20341 200 403) 645691
	85,340	106,800		3,43								
	76,187	80,587	24,610	2,163			0,043	M900	0,000	007 HL 20197 200 210 220 230	5	007 HS 20201 200 210 220 230
	76,200	80,607	24,990	2,172			0,094		0,254			
01/1972...12/1974									0,508			
01/1972...12/1976									0,762			
01/1975...12/1979												
	58,730	62,408	28,320	1,806			0,035	M900	0,000	007 PL 20185 200 210 220 230	4	007 PS 20199 200 210 220 230
	58,743	62,420	28,700	1,815			0,078		0,254			

Ø 100										94		
8045.02 R 4 Diesel, 3456 cm³, 44 - 50 kW (60 - 68 PS), 17:1, 8 Ventile	85,090	106,550		3,38				M157	0,000	AL 20340	4	007 AS 20341 200 403) 645691
	85,340	106,800		3,43								
	76,187	80,587	24,610	2,163			0,043	M900	0,000	007 HL 20197 200 210 220 230	5	007 HS 20201 200 210 220 230
	76,200	80,607	24,990	2,172			0,094		0,254			
									0,508			
									0,762			
	58,730	62,408	28,320	1,806			0,035	M900	0,000	007 PL 20185 200 210 220 230	4	007 PS 20199 200 210 220 230
	58,743	62,420	28,700	1,815			0,078		0,254			

Ø 100										95			
8045.06.200, .06.208, .06.213, .06.225, .06.319, .06.326 R 4 Diesel, 3613 cm³, 48 - 51 kW (65 - 69 PS), 17:1, 8 Ventile	79,781	84,200	24,610	2,169			0,045	M900	0,000	007 HL 20195 200 210 220 230	5	007 HS 20494 200 210 220 230 ...12/1993	
	79,799	84,230	24,990	2,178			0,111		0,254				
										0,508			
										0,762			
	63,725	67,407	28,320	1,806			0,033	M900	0,000	007 PL 20183 200 210 220 230 240	3	007 PS 20203 200 210 220 230 240	
	63,744	67,422	28,700	1,815			0,085		0,254				
									0,508				
									0,762				
									1,016				
	79,791	84,200	24,610	2,169			0,034	M900	0,000	007 HL 20334 200 210 220 230 240	5		
	79,810	84,230	24,990	2,178			0,101		0,254				

Ø 100										96.1			
8060.02.000, 8065.02.007, .02.200 R 6 Diesel, 5184 cm³, 70 - 74 kW (95 - 101 PS), 17:1, 12 Ventile 100E 100NC 110NC 645N3 80N, 80NC 90P	85,090	106,550		3,38				M157	0,000	AL 20340	4	007 AS 20341 200 403) 645691	
	85,340	106,800		3,43									
	50,975	54,780	27,600	1,60					M157	0,000	NB 20401	1	007 NS 20406 000
	51,000	54,805	28,000	1,60									
	50,475	54,280	27,600	1,60					M157	0,000	NB 20403	1	
	01/1973...12/1983												
	01/1970...12/1972												
	01/1972...12/1976												
01/1975...12/1979													
	49,975	53,780	23,600	1,60				M157	0,000	NB 20404	1		
	50,000	53,805	24,000	1,60									
	51,470	55,280	27,600	1,60				M157	0,000	NB 20405	1		
	51,500	55,300	28,000	1,60									

Fortsetzung nächste Seite / Continued on next page



Ø 100 - Fortsetzung / Continued

96.2

8060.12 R 6 Diesel, 5181 cm³, 88 kW (120 PS) 314/3	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200 210 220 230 240	7
	76,200	80,607	24,990	2,172		0,094		0,254 0,508 0,762 1,016		
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220 230 240	6
	58,743	62,420	28,700	1,815		0,078		0,254 0,508 0,762 1,016		

Ø 100

97

8065.06.000 R 6 Diesel, 5418 cm³, 74 kW (100 PS), 17:1, 12 Ventile	50,975	54,780	27,600	1,60			M157	0,000	NB 20401	1	007 NS 20406 000
	51,000	54,805	28,000								
	50,475	54,280	27,600	1,60			M157	0,000	NB 20403	1	
	50,500	54,305	28,000								
	49,975	53,780	23,600	1,60			M157	0,000	NB 20404	1	
50,000	53,805	24,000									
51,470	55,280	27,600	1,60			M157	0,000	NB 20405	1		
51,500	55,300	28,000									
79,781	84,200	24,610	2,169			0,045	M900	0,000	007 HL 20195 200 210 220 230 240	7	
79,799	84,230	24,990	2,178			0,111		0,254 0,508 0,762 1,016			

Ø 103

98

8035.04.265, .04.270 R 3 Diesel, 2749 cm³, 35 - 43 kW (48 - 58 PS), 17:1, 6 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							
	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200 230	4	007 HS 20198 200 230 <small>01/1980...</small>
	76,200	80,607	24,990	2,172		0,094		0,762			
58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220	3	007 PS 20200 200 210 220 <small>01/1980...</small>	
58,743	62,420	28,700	1,815		0,078		0,254 0,508				
58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220 230 240	3		
58,743	62,420	28,700	1,815		0,078		0,254 0,508 0,762 1,016				

Ø 103

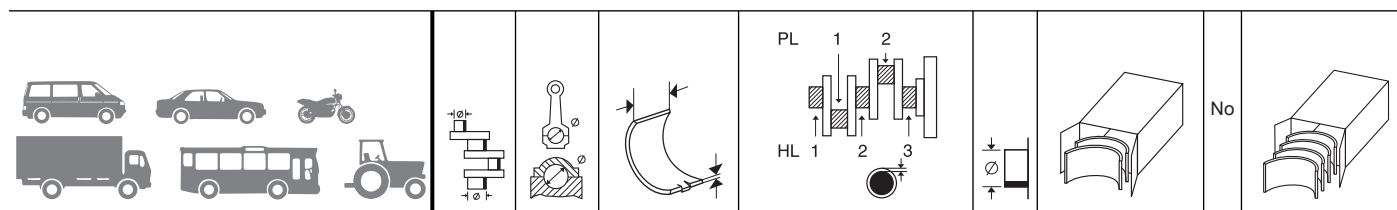
99

8040.04.200, 8045.04.270 R 4 Diesel, 3666 cm³, 57 kW (78 PS), 17:1, 8 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							
	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200 210 220 230	5	007 HS 20201 200 210 220 230 <small>01/1980...</small>
76,200	80,607	24,990	2,172		0,094		0,254 0,508 0,762				
58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220 230	4	007 PS 20199 200 210 220 230 <small>01/1980...</small>	
58,743	62,420	28,700	1,815		0,078		0,254 0,508 0,762				

Ø 103

100

8055.04.200 R 5 Diesel, 4583 cm³, 63 - 66 kW (86 - 90 PS), 17:1, 10 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							
	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200 210 220 230 240	6	
76,200	80,607	24,990	2,172		0,094		0,254 0,508 0,762 1,016				
58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220 230 240	5		
58,743	62,420	28,700	1,815		0,078		0,254 0,508 0,762 1,016				



Ø 103 101

8060.04, 8060.04.060, .04.660, .04.669, .04.689, 8065.04.200 R 6 Diesel, 5499 cm³, 81 - 123 kW (110 - 168 PS), 17:1	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200
	85,340	106,800		3,43							<small>403) 645691</small>
	50,975	54,780	27,600	1,60			M157	0,000	NB 20401	1	007 NS 20406 000
	51,000	54,805	28,000								
	50,475	54,280	27,600	1,60			M157	0,000	NB 20403	1	
	50,500	54,305	28,000								
	49,975	53,780	23,600	1,60			M157	0,000	NB 20404	1	
50,000	53,805	24,000									
51,470	55,280	27,600	1,60			M157	0,000	NB 20405	1		
51,500	55,300	28,000									
76,187	80,587	24,610	2,163			0,043	M900	0,000	007 HL 20197 200	7	
76,200	80,607	24,990	2,172			0,094		0,254			
								0,508			
								0,762			
								1,016			
58,730	62,408	28,320	1,806			0,035	M900	0,000	007 PL 20185 200	6	
58,743	62,420	28,700	1,815			0,078		0,254			
								0,508			
								0,762			
								1,016			

Ø 103 102

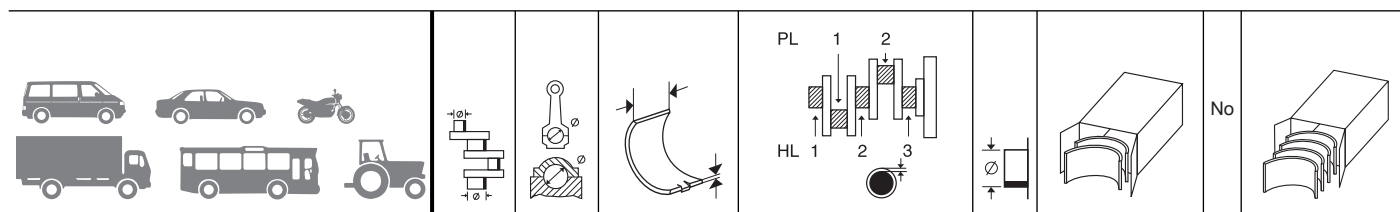
8062.24.070 R 6 Diesel, 5499 cm³, 118 kW (160 PS), 12 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200
	85,340	106,800		3,43							<small>403) 645691</small>
	76,187	80,587	24,610	2,163			0,043	M900	0,000	007 HL 20197 200	7
76,200	80,607	24,990	2,172			0,094		0,254			
								0,508			
								0,762			
								1,016			
58,730	62,408	28,320	1,806			0,035	M900	0,000	007 PL 20185 200	6	
58,743	62,420	28,700	1,815			0,078		0,254			
								0,508			
								0,762			
								1,016			

Ø 103 103

8065.24.000, .24.300 R 6 Diesel, 5499 cm³, 90 - 91 kW (121 - 124 PS), 15,7:1, 12 Ventile	50,975	54,780	27,600	1,60			M157	0,000	NB 20401	1	007 NS 20406 000
	51,000	54,805	28,000								
	50,475	54,280	27,600	1,60			M157	0,000	NB 20403	1	
	50,500	54,305	28,000								
	49,975	53,780	23,600	1,60			M157	0,000	NB 20404	1	
	50,000	53,805	24,000								
	51,470	55,280	27,600	1,60			M157	0,000	NB 20405	1	
51,500	55,300	28,000									
76,187	80,587	24,610	2,163			0,043	M900	0,000	007 HL 20197 200	7	
76,200	80,607	24,990	2,172			0,094		0,254			
								0,508			
								0,762			
								1,016			

Ø 104 104

8035.05.214, .05.215 R 3 Diesel, 2931 cm³, 37 - 44 kW (50 - 60 PS), 17:1, Hub 115mm, 6 Ventile	79,781	84,200	24,610	2,169			0,045	M900	0,000	007 HL 20195 200	4	007 HS 20202 200
	79,799	84,230	24,990	2,178			0,111		0,254			
									0,508			
								0,762				
								1,016				
63,725	67,407	28,320	1,806			0,033	M900	0,000	007 PL 20183 200	3	007 PS 20203 200	
63,744	67,422	28,700	1,815			0,085		0,254				
								0,508				
								0,762				
								1,016				
79,791	84,200	24,610	2,169			0,034	M900	0,000	007 HL 20334 200	4		
79,810	84,230	24,990	2,178			0,101		0,254				
								0,508				
								0,762				
								1,016				



Ø 104										105	
8040.05 - 06, 8045.05.000 R 4 Diesel, 3908 cm³, 59 - 100 kW (80 - 136 PS), 17:1, Hub 115mm	79,781	84,200	24,610	2,169		0,045	M900	0,000	007 HL 20195 200	5	007 HS 20494 200
	79,799	84,230	24,990	2,178		0,111		0,254	210		210
								0,508	220		220
								0,762	230		230
	63,725	67,407	28,320	1,806		0,033	M900	0,000	007 PL 20183 200	4	007 PS 20496 200
	63,744	67,422	28,700	1,815		0,085		0,254	210		210
	38,004	41,846	28,000	2,10			M5	Semi	007 BB 20634 300	4	
	38,014	41,884	34,600	2,20							
	79,791	84,200	24,610	2,169		0,034	M900	0,000	007 HL 20334 200	5	
	79,810	84,230	24,990	2,178		0,101		0,254	210		
								0,508	220		
								0,762	230		
								1,016	240		

Ø 104										106	
8040.05.200, .05.230 R 4 Diesel, 3908 cm³, 65 kW (88 PS), 17:1	79,781	84,200	24,610	2,169		0,045	M900	0,000	007 HL 20195 200	5	007 HS 20494 200
	79,799	84,230	24,990	2,178		0,111		0,254	210		210
								0,508	220		220
								0,762	230		230
	63,725	67,407	28,320	1,806		0,033	M900	0,000	007 PL 20183 200	4	007 PS 20496 200
	63,744	67,422	28,700	1,815		0,085		0,254	210		210
	79,791	84,200	24,610	2,169		0,034	M900	0,000	007 HL 20334 200	5	
	79,810	84,230	24,990	2,178		0,101		0,254	210		
								0,508	220		
								0,762	230		
								1,016	240		

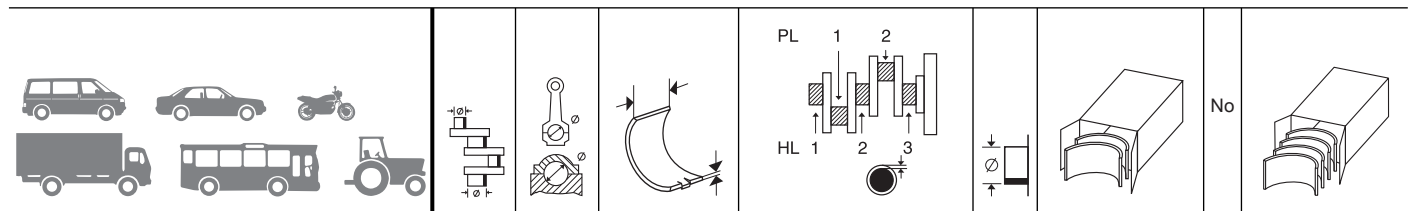
Ø 104										107	
8040.25B.4200 (LTC), 8041 C 05, 8041 I 05, 8041 M 08, 8041 M 09, 8041 SRM 15 R 4 Diesel, 3908 cm³, 59 - 100 kW (80 - 136 PS), 17:1, 8 Ventile	79,781	84,200	24,610	2,169		0,045	M900	0,000	007 HL 20195 200	5	007 HS 20494 200
	79,799	84,230	24,990	2,178		0,111		0,254	210		210
								0,508	220		220
								0,762	230		230
	63,725	67,407	28,320	1,806		0,033	M900	0,000	007 PL 20183 200	4	007 PS 20496 200
	63,744	67,422	28,700	1,815		0,085		0,254	210		210
	79,791	84,200	24,610	2,169		0,034	M900	0,000	007 HL 20334 200	5	
	79,810	84,230	24,990	2,178		0,101		0,254	210		
								0,508	220		
								0,762	230		
								1,016	240		

Ø 104										108	
8040.25X.4000 R 4 Diesel, 3908 cm³, 85 kW (116 PS), 17:1, Turbo, LLK, 8 Ventile	63,725	67,407	28,320	1,806		0,033	M900	0,000	007 PL 20183 200	4	007 PS 20496 200
	63,744	67,422	28,700	1,815		0,085		0,254	210		210
8060.45.600, 8060.45.6000 R 6 Diesel, 5861 cm³, 151 - 167 kW (206 - 227 PS), 17:1, Turbo, LLK	79,791	84,200	24,610	2,169		0,034	M900	0,000	007 HL 20334 200	5	
	79,810	84,230	24,990	2,178		0,101		0,254	210		
								0,508	220		
								0,762	230		
								1,016	240		

Ø 104										109	
8040.45 D R 4 Diesel, 3908 cm³, 102 kW (139 PS)	63,725	67,407	28,320	1,806		0,033	M900	0,000	007 PL 20183 200	4	007 PS 20496 200
	63,744	67,422	28,700	1,815		0,085		0,254	210		210
8040.45 TCA, Euro 2 R 4 Diesel, 3907 cm³, 85 - 100 kW (115 - 136 PS), 17:1, Turbo, LLK	38,004	41,846	28,000				M5	Semi	007 BB 20632 300	4	
	38,014	41,884	34,000								
	79,791	84,200	24,610	2,169		0,034	M900	0,000	007 HL 20334 200	5	
	79,810	84,230	24,990	2,178		0,101		0,254	210		
								0,508	220		
								0,762	230		
								1,016	240		

Ø 104										110.1	
8055.05.000 R 5 Diesel, 4885 cm³, 66 kW (89 PS), 17:1, 10 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200
	85,340	106,800		3,43							<small>403) 645691</small>

Fortsetzung nächste Seite / Continued on next page



Ø 104 - Fortsetzung / Continued

110.2

8055.05.000 R 5 Diesel, 4885 cm³, 66 kW (89 PS), 17:1, 10 Ventile	76,187	80,587	24,610	2,163		0,043	M900	0,000	007 HL 20197 200 210 220 230 240	6
	76,200	80,607	24,990	2,172		0,094		0,254		
	58,730	62,408	28,320	1,806		0,035	M900	0,000	007 PL 20185 200 210 220 230 240	5
	58,743	62,420	28,700	1,815		0,078		0,254		

Ø 104

111

8060.06 R 6 Diesel, 5861 cm³, 101 - 168 kW (138 - 227 PS)	50,975	54,780	27,600	1,60			M157	0,000	NB 20401	1	007 NS 20406 000
	51,000	54,805	28,000								
	50,475	54,280	27,600	1,60			M157	0,000	NB 20403	1	
	50,500	54,305	28,000								
8065.05.000 R 6 Diesel, 5863 cm³, 85 kW (116 PS), 18:1, Hub 115mm, 12 Ventile	49,975	53,780	23,600	1,60			M157	0,000	NB 20404	1	
	50,000	53,805	24,000								
	51,470	55,280	27,600	1,60			M157	0,000	NB 20405	1	
	51,500	55,300	28,000								
	79,781	84,200	24,610	2,169		0,045	M900	0,000	007 HL 20195 200 210 220 230 240	7	
	79,799	84,230	24,990	2,178		0,111		0,254			
	79,791	84,200	24,610	2,169		0,034	M900	0,000	007 HL 20334 200 210 220 230 240	7	
	79,810	84,230	24,990	2,178		0,101		0,254			

Ø 104

112

8060.45S.6700 R 6 Diesel, 5863 cm³, 167 kW (227 PS), 17:1, Turbo, LLLK, 12 Ventile	63,725	67,407	28,320	1,806		0,033	M900	0,000	007 PL 20183 200 210	4	007 PS 20496 200 210
	63,744	67,422	28,700	1,815		0,085		0,254			
	38,004	41,846	28,000				M5	Semi	007 BB 20632 300	6	
	38,014	41,884	34,000								
	79,791	84,200	24,610	2,169		0,034	M900	0,000	007 HL 20334 200 210 220 230 240	7	
	79,810	84,230	24,990	2,178		0,101		0,254			

Ø 104

113

8061 I 05, 8061 I 25, 8061 SI 25, 8061 SI 35 R 6 Diesel, 5419 cm³, 89 - 148 kW (121 - 201 PS), 17:1	50,975	54,780	27,600	1,60			M157	0,000	NB 20401	1	007 NS 20406 000
	51,000	54,805	28,000								
	50,475	54,280	27,600	1,60			M157	0,000	NB 20403	1	
	50,500	54,305	28,000								
8065.25.000 R 6 Diesel, 5863 cm³, 107 kW (146 PS), 16,5:1, 12 Ventile	49,975	53,780	23,600	1,60			M157	0,000	NB 20404	1	
	50,000	53,805	24,000								
	51,470	55,280	27,600	1,60			M157	0,000	NB 20405	1	
	51,500	55,300	28,000								
	79,791	84,200	24,610	2,169		0,034	M900	0,000	007 HL 20334 200 210 220 230 240	7	
	79,810	84,230	24,990	2,178		0,101		0,254			

Ø 104

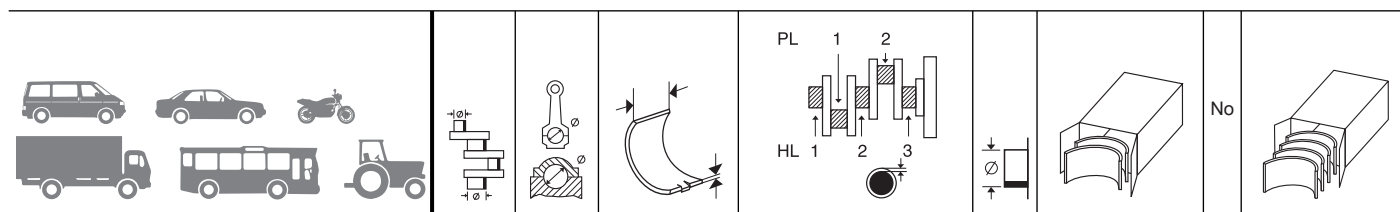
114

N45 MNS, N45 MNT 4 Diesel, 4485 cm³, 74 - 94 kW (101 - 128 PS), 17,5:1, Hub 132mm, Turbo, 2 Ventile	68,987	72,987	26,870	1,955		0,038	M157	0,000	PL 21016	4	257 PS 21017 000
	69,013	73,013	27,130	1,968		0,116					
NEF45 SM1, NEF45 TM1 4 Diesel, , 53 - 86 kW (72 - 116 PS)											
NEF67 SM1 6 Diesel, , 110 - 126 kW (149 - 171 PS)											

Ø 110

115

CP 3 R 6 Diesel, 7412 cm³, 107 kW (145 PS), 16:1, 12 Ventile	82,500	101,600		2,31			M250	0,000	AL 20300	4	233 AS 20301 000
	82,750	101,850		2,36							



Ø 112 **116**

8360.46B.4591, 8360.46V R 6 Diesel, 7684 cm³, 162 - 196 kW (220 - 267 PS), 17:1, Hub 130mm, Turbo, LLK, 12 Ventile	79,781	84,206	42,110	2,169	1.4.7.	0,051	M900	0,000	HL 20371	3	233 HS 20373 200 210
	79,799	84,226	42,490	2,178				0,254			
	79,781	84,206	32,110	2,169	2.3.5.6.	0,051	M900	0,000	HL 20372	4	
	79,799	84,226	32,490	2,178				0,254			

Ø 115 **117**

8340.05 R 4 Diesel, 5400 cm³, 63 kW (86 PS), 17:1, 8 Ventile	79,781	84,206	42,110	2,296	1.3.5.	0,051	M900	0,254	HL 20371	3	233 HS 20376 210 220
	79,799	84,226	42,490	3,355				0,508			
	79,781	84,206	32,110	2,296	2.4.	0,051	M900	0,254	HL 20372	2	
	79,799	84,226	32,490	3,355				0,508			

Ø 115 **118**

8360.03, 8365.25.502 R 6 Diesel, 8102 cm³, 117 - 133 kW (159 - 181 PS), 15,5:1	79,781	84,206	42,110	2,169	1.4.7.	0,051	M900	0,000	HL 20371	3	233 HS 20373 200 210
	79,799	84,226	42,490	2,178				0,254			
8360.05 R 6 Diesel, 8100 cm³, 95 - 124 kW (129 - 169 PS), 17:1, 12 Ventile	79,781	84,206	32,110	2,169	2.3.5.6.	0,051	M900	0,000	HL 20372	4	
	79,799	84,226	32,490	2,178				0,254			
8361 S1, 8361 SRI1, 8361 SRI 10, 8361 SRI11 R 6 Diesel, , 155 - 198 kW (211 - 269 PS)											
8361 SM21, 8361 SR, 8361 SRM32 R 6 Diesel, 8098 cm³											
8365.05.500, .25.500 R 6 Diesel, 8101 cm³, 94 - 132 kW (128 - 180 PS), 15,5:1, 12 Ventile											

Ø 120 **119**

8460.41.SRI.20A 005 R 6 Diesel, 9498 cm³, 214 kW (291 PS), 15:1	89,958	96,000	32,500	3,108	1.2.3.5.6.7	0,038	M901	0,254	HL 20298	6	007 HS 20299 210
	89,980	96,022	32,750	4,168							
	89,022	96,000	44,250	3,108	4.	0,038	M901	0,254	HL 20328	1	
	89,958	96,022	44,500	4,168				0,102			

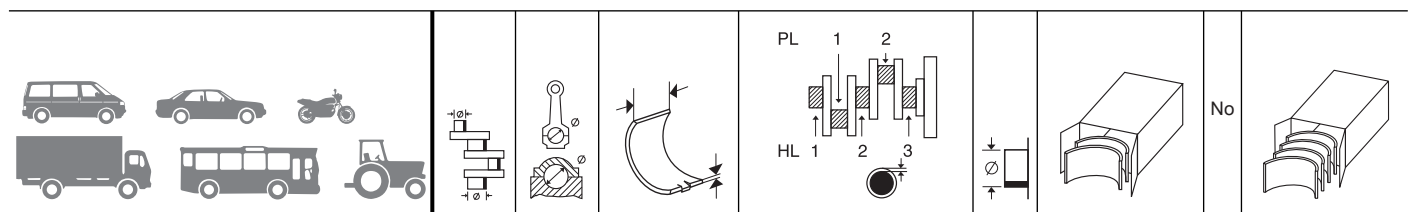
Ø 120 **120**

8460.21, 8460.21B, 8460.41, 8460.41.320.406L, .41.320.406R, 8460.41D, .41L, 8460.41L F255, 8460.41R.20A005, 8460.41SR1, 8460.41SR1.20A, 8460.S1-00A28, 8460 SRM 28, 8460 SRM 50, 8469.12S, 8469.SG10.A012 R 6 Diesel, 9500 cm³, 221 - 276 kW (301 - 375 PS), 16:1 - 17:1	99,800	123,650		3,91			M7	0,000	AL 20322	4	007 AS 20323 000
	100,200	124,000									
	89,958	96,000	32,500	3,108	1.2.3.5.6.7	0,038	M901	0,254	HL 20298	6	007 HS 20299 210
	89,980	96,022	32,750	4,168							
	89,022	96,000	44,250	3,108	4.	0,038	M901	0,254	HL 20328	1	
	89,958	96,022	44,500	4,168				0,102			
8460.41 SPR R 6 Diesel, 9495 cm³, 254 - 276 kW (345 - 375 PS)											

Ø 125 **121.1**

203.000 R 6 Diesel, 10676 cm³, 132 kW (180 PS)	103,380	119,890		2,311			M7	0,000	AL 20221	4	007 AS 20222 200 205
	103,630	120,140		2,362				0,127			
	92,062	96,571	54,740	2,182	1.	0,101	M900	0,000	HL 20216	1	007 HS 20220 200 210 220 230 240
	92,088	96,596	54,990	2,191		0,170		0,254			
	92,062	96,571	70,740	2,182	7.	0,101	M900	0,000	HL 20217	1	
	92,088	96,596	70,990	2,191		0,170		0,254			
	92,062	96,571	32,740	2,182	2.3.5.6.	0,101	M900	0,000	HL 20218	4	
	92,088	96,596	32,990	2,191		0,170		0,254			
	92,062	96,571	66,750	2,182	4.	0,101	M900	0,000	HL 20219	1	
	92,088	96,596	67,000	2,191		0,170		0,254			
								0,508			
								0,762			
								1,016			

Fortsetzung nächste Seite / Continued on next page



Ø 125 - Fortsetzung / Continued

121.2

203.000 R 6 Diesel, 10676 cm ³ , 132 kW (180 PS)	81,801	85,573	43,000	1,826			0,077	M900	0,000	PL 20214	6	007 PS 20215 200 210 220 230
	81,826	85,598	43,260	1,835			0,145		0,254 0,508 0,762			

Ø 130

122

203 A/61, 203 A/61.000, 203 H/61..., 310 H, 310 H61 R 6 Diesel, 11548 cm ³ , 130 - 132 kW (177 - 180 PS), 12 Ventile 306, 306/3	103,380	119,890		2,311				M7	0,000	AL 20221	4	007 AS 20222 200 205
	103,630	120,140		2,362					0,127			
	92,062	96,571	54,740	2,182	1.		0,101	M900	0,000	HL 20216	1	007 HS 20220 200 210 220 230 240
	92,088	96,596	54,990	2,191			0,170		0,254 0,508 0,762 1,016			
	92,062	96,571	70,740	2,182	7.		0,101	M900	0,000	HL 20217	1	
	92,088	96,596	70,990	2,191			0,170		0,254 0,508 0,762 1,016			
92,062	96,571	32,740	2,182	2.3.5.6.		0,101	M900	0,000	HL 20218	4		
92,088	96,596	32,990	2,191			0,170		0,254 0,508 0,762 1,016				
92,062	96,571	66,750	2,182	4.		0,101	M900	0,000	HL 20219	1		
92,088	96,596	67,000	2,191			0,170		0,254 0,508 0,762 1,016				
81,801	85,573	43,000	1,826			0,077	M900	0,000	PL 20214	6	007 PS 20215 200 210 220 230	
81,826	85,598	43,260	1,835			0,145		0,254 0,508 0,762				

Ø 137

123

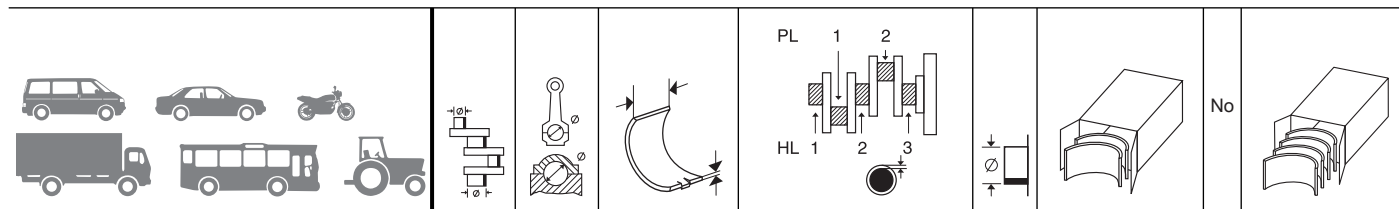
8210.02, .12, 8211.02.032 R 6 Diesel, 13798 cm ³ , 191 - 233 kW (260 - 317 PS), 16:1, 12 Ventile	114,920	133,880		2,31				M250	0,000	AL 20175	4	007 AS 20176 000
	115,180	134,140		2,36								
	47,983	53,010	49,900	2,84				M100	Semi	BB 20177	6	007 BS 20178 300
	47,998	53,061	50,400									
	102,878	107,975	34,440	2,487	2.3.5.6.		0,083	M900	0,000	HL 20363	4	007 HS 20367 200 210 220 230 240
	102,900	108,000	34,820	2,496			0,148		0,254 0,508 0,762 1,016			
	102,878	107,975	53,590	2,487	4.		0,083	M900	0,000	HL 20364	1	
	102,900	108,000	53,980	2,496			0,148		0,254 0,508 0,762 1,016			
	102,878	107,975	37,030	2,487	1.		0,083	M900	0,000	HL 20365	1	
102,900	108,000	37,410	2,496			0,148		0,254 0,508 0,762 1,016				
102,878	107,975	37,030	2,487	7.		0,083	M900	0,000	HL 20366	1		
102,900	108,000	37,410	2,496			0,148		0,254 0,508 0,762 1,016				
84,713	88,482	39,990	1,826			0,077	M900	0,000	PL 20191	6	007 PS 20192 200 210 220	
84,735	88,504	40,250	1,835			0,139		0,254 0,508				
84,713	88,482	40,870	1,826			0,077	M900	0,000	PL 20193	6	007 PS 20194 200 210 220 230 240	
84,735	88,504	41,250	1,835			0,140		0,254 0,508 0,762 1,016				

Ø 137

124.1

8210.22.800, 8210.22V, .22X, 8210.42 R 6 Diesel, 13798 cm ³ , 224 - 272 kW (304 - 370 PS), 16:1 - 16,5:1	114,920	133,880		2,31				M250	0,000	AL 20175	4	007 AS 20176 000
	115,180	134,140		2,36								

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Ø 137 - Fortsetzung / Continued

124.2

8210.22.800, 8210.22V, .22X, 8210.42 R 6 Diesel, 13798 cm ³ , 224 - 272 kW (304 - 370 PS), 16:1 - 16,5:1	49,990 50,000	54,852 54,899	49,900 50,400	2,75 2,85			M100	Semi	BB 20638	6	007 BS 20639 300
	102,878 102,900	107,975 108,000	34,440 34,820	2,487 2,496	2.3.5.6.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20363	4	007 HS 20367 200 210 220 230 240
	102,878 102,900	107,975 108,000	53,590 53,980	2,487 2,496	4.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20364	1	
	102,878 102,900	107,975 108,000	37,030 37,410	2,487 2,496	1.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20365	1	
	102,878 102,900	107,975 108,000	37,030 37,410	2,487 2,496	7.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20366	1	
	84,713 84,735	88,482 88,504	39,990 40,250	1,826 1,835		0,077 0,139	M900	0,000 0,254 0,508	PL 20191	6	007 PS 20192 200 210 220
	84,713 84,735	88,482 88,504	40,870 41,250	1,826 1,835		0,077 0,140	M900	0,000 0,254 0,508 0,762 1,016	PL 20193	6	007 PS 20194 200 210 220 230 240

Ø 137

125

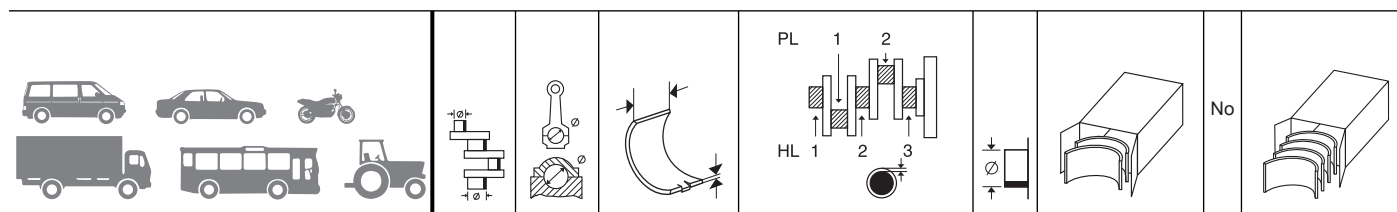
8210.42.009, .42.073, .42.101, .42.115, .42.151, .42.152, .42.154, .42.155, .42.162, .42.165, .42.171, .42.172, .42.173, .42.174, .42.175, .42.176, .42.177, .42.181, .42.182, .42.185, .42.186, .42.191, .42.192, .42.195, .42.196, 8210.42L.(TCA) R 6 Diesel, 13798 cm ³ , 265 - 309 kW (360 - 420 PS), 15:1 - 16,5:1	102,878 102,900	107,975 108,000	34,440 34,820	2,487 2,496	2.3.5.6.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20363	4	007 HS 20367 200 210 220 230 240
	102,878 102,900	107,975 108,000	53,590 53,980	2,487 2,496	4.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20364	1	
	102,878 102,900	107,975 108,000	37,030 37,410	2,487 2,496	1.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20365	1	
	102,878 102,900	107,975 108,000	37,030 37,410	2,487 2,496	7.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20366	1	
	84,713 84,735	88,482 88,504	39,990 40,250	1,826 1,835		0,077 0,139	M900	0,000 0,254 0,508	PL 20191	6	007 PS 20192 200 210 220

Ø 137

126.1

8210.42.400K, 8210.42 K, 8210.42L.400, 8210.42M.(TCA), 8210.42R, 8210.42TCA R 6 Diesel, 13798 cm ³ , 224 - 345 kW (304 - 470 PS), 16:1 - 16,5:1	49,990 50,000	54,852 54,899	49,900 50,400	2,75 2,85			M100	Semi	BB 20638	6	007 BS 20639 300

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Ø 137 - Fortsetzung / Continued

126.2

8210.42.400K, 8210.42 K, 8210.42L.400, 8210.42M.(TCA), 8210.42R, 8210.42TCA R 6 Diesel, 13798 cm ³ , 224 - 345 kW (304 - 470 PS), 16:1 - 16,5:1	102,878	107,975	34,440	2,487	2.3.5.6.	0,083	M900	0,000	HL 20363	4	007 HS 20367 200 210 220 230 240
	102,900	108,000	34,820	2,496							
	102,878	107,975	53,590	2,487	4.	0,083	M900	0,000	HL 20364	1	
	102,900	108,000	53,980	2,496							
	102,878	107,975	37,030	2,487	1.	0,083	M900	0,000	HL 20365	1	
102,900	108,000	37,410	2,496								
102,878	107,975	37,030	2,487	7.	0,083	M900	0,000	HL 20366	1		
102,900	108,000	37,410	2,496								
84,713	88,482	39,990	1,826								007 PS 20192 200 210 220
84,735	88,504	40,250	1,835		0,077	M900	0,000	PL 20191	6		
								0,254			
								0,508			

Ø 137

127

8210 M22, 8210 SI, 8210 SRI10, 8210 SRI12, 8210 SRM36 R 6 Diesel, 13798 cm ³ , 160 - 309 kW (220 - 420 PS), 16:1	114,920	133,880		2,31			M250	0,000	AL 20175	4	007 AS 20176 000 007 HS 20367 200 210 220 230 240
	115,180	134,140		2,36							
	102,878	107,975	34,440	2,487	2.3.5.6.	0,083	M900	0,000	HL 20363	4	
	102,900	108,000	34,820	2,496							
	102,878	107,975	53,590	2,487	4.	0,083	M900	0,000	HL 20364	1	
	102,900	108,000	53,980	2,496							
102,878	107,975	37,030	2,487	1.	0,083	M900	0,000	HL 20365	1		
102,900	108,000	37,410	2,496								
102,878	107,975	37,030	2,487	7.	0,083	M900	0,000	HL 20366	1		
102,900	108,000	37,410	2,496								
84,713	88,482	39,990	1,826								007 PS 20192 200 210 220
84,735	88,504	40,250	1,835		0,077	M900	0,000	PL 20191	6		
								0,254			
								0,508			

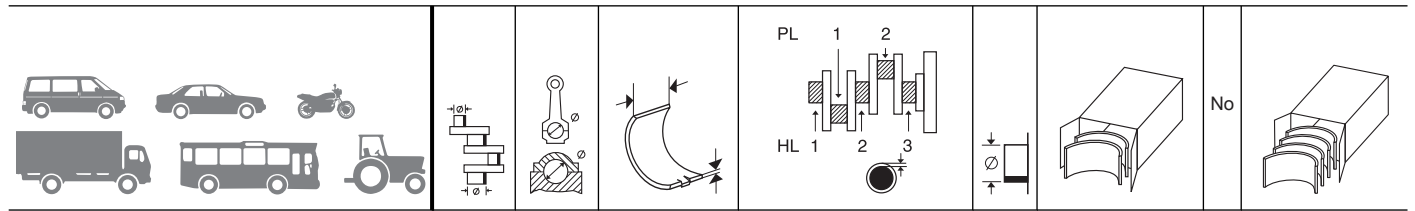
Ø 137

128.1

8215.02 R 6 Diesel, 13797 cm ³ , 162 - 191 kW (220 - 260 PS), 16:1	114,920	133,880		2,31			M250	0,000	AL 20175	4	007 AS 20176 000 007 BS 20178 300 007 BS 20639 300
	115,180	134,140		2,36							
	47,983	53,010	49,900	2,84			M100	Semi	BB 20177	6	
	47,998	53,061	50,400								
49,990	54,852	49,900	2,75			M100	Semi	BB 20638	6		
50,000	54,899	50,400	2,85								

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403) 184188



Ø 137 - Fortsetzung / Continued

128.2

8215.02 R 6 Diesel, 13797 cm ³ , 162 - 191 kW (220 - 260 PS), 16:1	102,878	107,975	34,440	2,487	2.3.5.6.	0,083	M900	0,000	HL 20363	4	007 HS 20367 200 210 220 230 240
	102,900	108,000	34,820	2,496				0,254 0,508 0,762 1,016			
	102,878	107,975	53,590	2,487	4.	0,083	M900	0,000	HL 20364	1	
	102,900	108,000	53,980	2,496				0,254 0,508 0,762 1,016			
	102,878	107,975	37,030	2,487	1.	0,083	M900	0,000	HL 20365	1	
	102,900	108,000	37,410	2,496				0,254 0,508 0,762 1,016			
8260.02.405 R 6 Diesel, 12880 cm ³ , 191 kW (260 PS), 16:1, 12 Ventile	102,878	107,975	37,030	2,487	7.	0,083	M900	0,000	HL 20366	1	007 PS 20192 200 210 220 <small>403) 184188</small>
	102,900	108,000	37,410	2,496				0,254 0,508 0,762 1,016			
	84,713	88,482	39,990	1,826		0,077	M900	0,000	PL 20191	6	
	84,735	88,504	40,250	1,835		0,139		0,254 0,508			
	84,713	88,482	40,870	1,826		0,077	M900	0,000	PL 20193	6	
	84,735	88,504	41,250	1,835		0,140		0,254 0,508 0,762 1,016			

Ø 145

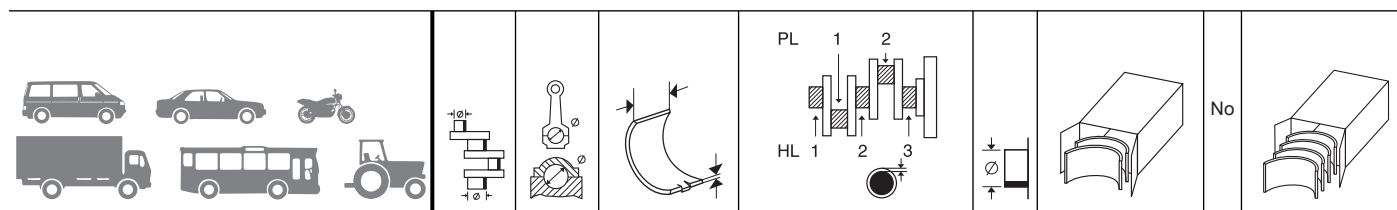
129

8280.01.000 - 02.000, 8281 I 03, 8281 M 32 V 8 Diesel, 17174 cm ³ , 246 - 265 kW (335 - 360 PS), 16:1, 16 Ventile 370S35	120,650	146,050		3,378			M901	0,000	AL 20252	4	007 AS 20253 200
	120,900	146,300		3,429							
8280.42, 8280.42S.(TCA) V 8 Diesel, 17173 cm ³ , 280 - 378 kW (381 - 514 PS), 16:1	123,750	146,050		3,43			M250	0,000	AL 20255	4	007 AS 20254 200
	124,000	146,300									

Ø 145

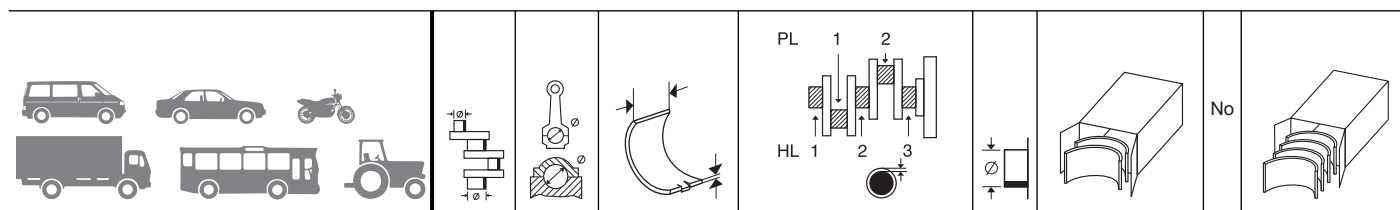
130

8281 SI 10, 8281 SR 10, 8281 SRM44, 8281 SRM70 V 8 Diesel, 17174 cm ³ , 309 - 383 kW (420 - 521 PS)	123,750	146,050		3,43			M250	0,000	AL 20255	4	007 AS 20254 200
	124,000	146,300									



FORD

Ø 68,7											1
GUC, GUD, GUE R 4 Benzin, 1119 cm³, 40 kW (54 PS), 9,5:1, 8 Ventile FIESTA III 1.1 03/1989...12/1995	56,980	60,623	18,370	1,80		0,009	M218	0,000	HL 10057	3	014 HS 10056 000 025
	57,000	60,636	18,620	1,807		0,056		0,250			
TLB R 4 Benzin, 999 cm³, 33 kW (45 PS), 9,5:1, 8 Ventile FIESTA III 1.0 09/1983...11/1989 FIESTA III 1.0 03/1989...12/1995	40,990	43,990	17,880	1,48		0,006	M218	0,000	PL 10055	4	014 PS 10054 000 025 050 075
	41,010	44,010	18,130	1,487		0,060		0,250 0,500 0,750			
Ø 73,7											2
F6JA, F6JB, Euro 3 R 4 Diesel, 1399 cm³, 50 - 51 kW (68 - 69 PS), 18:1, Turbo, 8 Ventile FIESTA V 1.4 TDCI 11/2001...10/2008 FIESTA VI 1.4 TDCI 01/2009...09/2012 FUSION 1.4 TDCI 08/2002...06/2012	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
FIESTA V 1.4 TDCI 11/2001...10/2008 FIESTA VI 1.4 TDCI 01/2009...09/2012 FUSION 1.4 TDCI 08/2002...06/2012	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000 030
	49,981	53,674	19,918	1,837				0,300			
FIESTA VI 1.4 TDCI 01/2009...09/2012 FUSION 1.4 TDCI 08/2002...06/2012	44,975	48,655	16,800	1,812		0,036	M330	0,000	PL 21519	4	039 PS 21520 000
	44,991	48,671	17,050	1,818		0,080					
Ø 73,94											3
GPA R 4 Benzin, 1117 cm³, 43 kW (59 PS), 9,5:1, 8 Ventile ESCORT III 1.1 09/1980...08/1983	57,990	62,287	22,210	2,13		0,011	M157	0,000	HL 20582	5	014 HS 20583 000 025 050
	58,000	62,300	22,590	2,138		0,050		0,250 0,500			
Ø 74											4
A9JA, A9JB, BAA, BAJA, J4S, J4T, JBC, JJC, JJE, JJF, JJG, JJH, JJJ, JJK, JJL, JJM R 4 Benzin, 1299 cm³, 36 - 51 kW (49 - 69 PS), 8 Ventile FIESTA III 1.3 03/1989...12/1992 FIESTA IV 1.3 08/1995...09/2002 FIESTA V 1.3 I 11/2001...06/2008 KA 1.3 I 09/1996...11/2008	56,980	60,623	18,370	1,80		0,009	M218	0,000	HL 10057	5	014 HS 10062 000 025 050
	57,000	60,636	18,620	1,807		0,056		0,250 0,500			
J4J, J4K, J4L, J4M, J4N, J4P, J4Q, J4R, JBD R 4 Benzin, 1297 cm³, 44 - 46 kW (60 - 63 PS), 8 Ventile ESCORT V 1.3 07/1990...12/1994 FIESTA IV 1.3 08/1995...09/2002 KA 1.3 I 09/1996...11/2008											
Ø 74											5
HCS, J4D, JBA, JJB, JJD R 4 Benzin, 1297 cm³, 37 - 46 kW (50 - 63 PS), 9,3:1 - 9,5:1 ESCORT IV 1.3 07/1988...10/1990 KA 1.3 I 09/1996...11/2008	56,980	60,623	18,370	1,80		0,009	M218	0,000	HL 10057	5	014 HS 10062 000 025 050
	57,000	60,636	18,620	1,807		0,056		0,250 0,500			
J4B, J4C, JJA R 4 Benzin, 1299 cm³, 37 - 44 kW (50 - 60 PS), 8,8:1, 8 Ventile COURIER 1.3 02/1996...12/2002 ESCORT V 1.3 07/1990...09/1992 ESCORT VI 1.3 09/1992...01/1995 ESCORT VII 1.3 01/1995...02/1999 FIESTA IV 1.3 08/1995...09/2002 ORION III 1.3 I 07/1990...07/1993	40,990	43,990	17,880	1,48		0,006	M218	0,000	PL 10055	4	014 PS 10054 000 025 050 075
	41,010	44,010	18,130	1,487		0,060		0,250 0,500 0,750			
Ø 74											6
JAC R 4 Benzin, 1297 cm³, 40 - 43 kW (55 - 58 PS), 9,5:1, 8 Ventile TAUNUS 1.3 05/1975...07/1979 TAUNUS 1300 01/1970...05/1975	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000 025
	57,000	60,640	23,620	1,81		0,058		0,250			



Ø 75 7

G8DA, G8DB, GPDA, GPDC, HHDA, HHDB, HHJF, NGDA, T1BB, TZJA, TZJB R 4 Diesel, 1560 cm³, 55 - 85 kW (75 - 116 PS), 16 Ventile C-MAX 1.6 TDCI 02/2007...11/2010 FIESTA VI 1.6 TDCI 10/2008...07/2010 FOCUS II 1.6 TDCI 11/2004...11/2010 FOCUS III 1.6 TDCI 05/2012... ECONETIC FOCUS C-MAX 1.6 TDCI 10/2003...03/2007 MONDEO IV 1.6 TDCI 12/2010...02/2011	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000
	49,981	53,674	19,918	1,837				0,300			030
	46,975	50,655	16,750	1,81		0,035	M331	0,000	PL 21022	4	039 PS 21023 000
46,991	50,674	17,000	1,82		0,086		0,300			030	
	PL 21022										

Ø 75 8

G8DC, MTD, T1DA, T1DB, T3DA, T3DB R 4 Diesel, 1560 cm³, 70 - 85 kW (95 - 116 PS), 16 Ventile C-MAX 1.6 TDCI 02/2007...11/2010 C-MAX II 1.6 TDCI 12/2010... FOCUS II 1.6 TDCI 11/2004...11/2010 FOCUS III 1.6 TDCI 04/2011...05/2011	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000
	49,981	53,674	19,918	1,837				0,300			030
		PL 21022									

Ø 75 9

HDDA, HDDB R 4 Diesel, 1560 cm³, 66 kW (90 PS), 18:1	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000
	49,981	53,674	19,918	1,837				0,300			030
	46,975	50,655	16,750	1,81		0,035	M331	0,000	PL 21022	4	039 PS 21023 000
	46,991	50,674	17,000	1,82		0,086		0,300			030
		PL 21022									

Ø 76 10

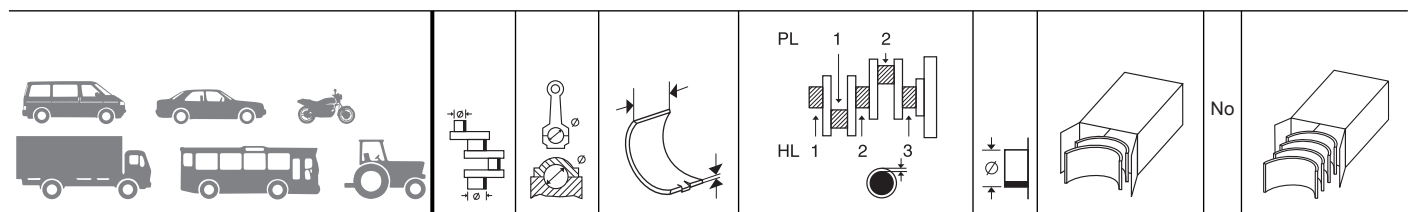
L1E, L1F, L1G, L1H, L1J, L1K, L1L, L1N, L1Q, Zetec 1,6 R 4 Benzin, 1597 cm³, 65 - 70 kW (88 - 95 PS), 16 Ventile ESCORT VI 1.6 I 09/1992...01/1995 ESCORT VI 1.6 XR3I 12/1992...01/1995 ESCORT VII 1.6 01/1995...02/1999 ESCORT VII 1.6 I 01/1995...08/1995 ESCORT VII 1.6 XR3I 02/1995...09/1999 ESCORT VIII 1.6 10/1998...07/2000 FIESTA III 1.6 I 01/1994...12/1995 MONDEO I 1.6 I 02/1993...08/1996 MONDEO II 1.6 I 09/1996...11/2000 ORION III 1.6 I 07/1992...07/1993	57,980	62,287	24,600	2,248	3.	0,025	M810	0,250	FL 20668	1	014 HS 20669 025
	58,000	62,300	24,680	2,256		0,074					
	57,980	62,287	18,960	2,248	1.2.4.5.	0,025	M810	0,250	HL 20667	4	
	58,000	62,300	19,210	2,256		0,074					
	46,890	49,890	19,850	1,592		0,030	M810	0,250	PL 20661	4	014 PS 20662 025
46,910	49,910	20,100	1,725		0,086						

Ø 76 11

LUH R 4 Benzin, 1597 cm³, 65 - 66 kW (88 - 90 PS), 10,3:1, 8 Ventile FIESTA III 1.6 01/1989...01/1994	57,990	62,287	22,210	2,13		0,011	M157	0,000	HL 20582	5	014 HS 20583 000
	58,000	62,300	22,590	2,138		0,050		0,250			025
								0,500			050
	47,890	50,890	19,170	1,479		0,006	M157	0,000	PL 20584	4	014 PS 20585 000
	47,910	50,910	19,420	1,487		0,062		0,250			025
								0,500			050

Ø 77,22 12

F4B R 4 Benzin, 1391 cm³, 54 - 55 kW (73 - 75 PS), 8,5:1, 8 Ventile ESCORT IV 1.4 07/1993...01/1995 ESCORT VII 1.4 01/1995...12/1999	57,990	62,287	22,210	2,13		0,011	M157	0,000	HL 20582	5	014 HS 20583 000
	58,000	62,300	22,590	2,138		0,050		0,250			025
								0,500			050
	47,890	50,890	19,170	1,479		0,006	M157	0,000	PL 20584	4	014 PS 20585 000
	47,910	50,910	19,420	1,487		0,062		0,250			025
								0,500			050
F6E, F6F, F6G, FUA, FUB, FUF, FUH, FUJ R 4 Benzin, 1392 cm³, 52 - 55 kW (71 - 75 PS), 8,5:1 - 9,5:1, 8 Ventile ESCORT IV 1.4 01/1986...07/1990 ESCORT V 1.4 07/1990...12/1994 ESCORT VI 1.4 09/1992...01/1995 ESCORT VII 1.4 01/1995...02/1999 FIESTA II 1.4 01/1986...02/1989 FIESTA III 1.4 03/1989...12/1995 ORION II 1.4 12/1985...07/1990 ORION III 1.4 07/1990...12/1993											



Ø 77,22 13

FUBA R 4 Benzin, 1392 cm³, 51 kW (69 PS), 9,5:1, 8 Ventile FIESTA II 1.4 I 09/1983...01/1987	57,990	62,287	22,210	2,13		0,011	M157	0,000	HL 20582	5	014 HS 20583 000 025 050
	58,000	62,300	22,590	2,138		0,050		0,250 0,500			

Ø 77,25 14

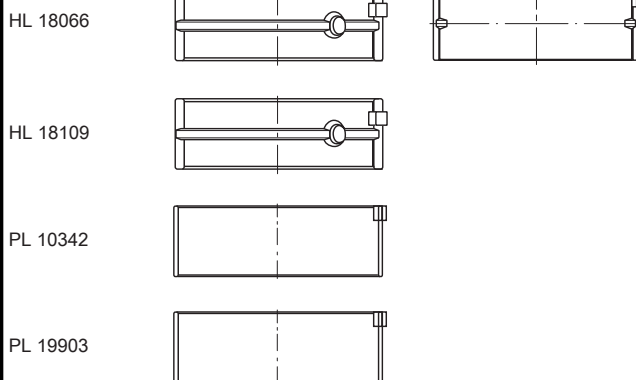
F4A R 4 Benzin, 1392 cm³, 54 kW (73 PS), 8,5:1, 8 Ventile FIESTA III 1.4 KAT 03/1989...12/1995	57,990	62,287	22,210	2,13		0,011	M157	0,000	HL 20582	5	014 HS 20583 000 025 050
	58,000	62,300	22,590	2,138		0,050		0,250 0,500			
	47,890	50,890	19,170	1,479		0,006	M157	0,000	PL 20584	4	014 PS 20585 000 025 050
	47,910	50,910	19,420	1,487		0,062		0,250 0,500			

Ø 79 15

JCT R 4 Benzin, 1294 cm³, 44 kW (60 PS), 8 Ventile SIERRA 1.3 08/1982...12/1986	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000 025
	57,000	60,640	23,620	1,81		0,058		0,250			

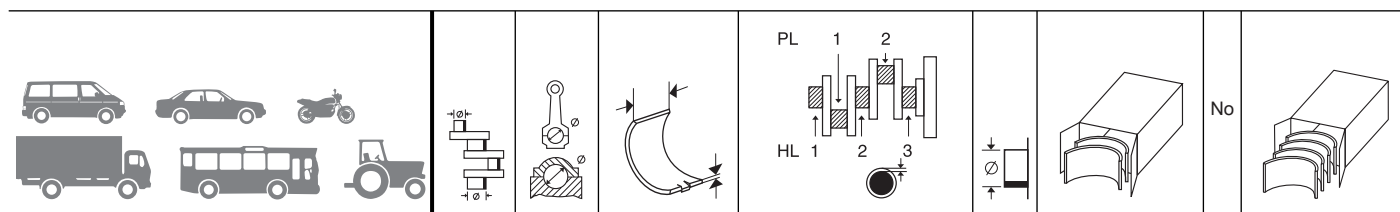
Ø 79,5 16

1Z R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile GALAXY I 1.9 TDI 03/1995...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250 1,000			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052									
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250 0,750			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	029 PS 10722 000 025 050 075
	53,978	59,019		2,503		0,079		0,250 0,750			
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000 025 050 075	
47,778	50,619	19,000	1,406		0,073		0,250 0,500 0,750				
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050	
47,778	50,619	19,000	1,406		0,067		0,250 0,500				
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
42,975	46,025		1,77		0,066		Semi				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1		
41,975	45,025		3,27		0,066		0,000				



Ø 79,5 17

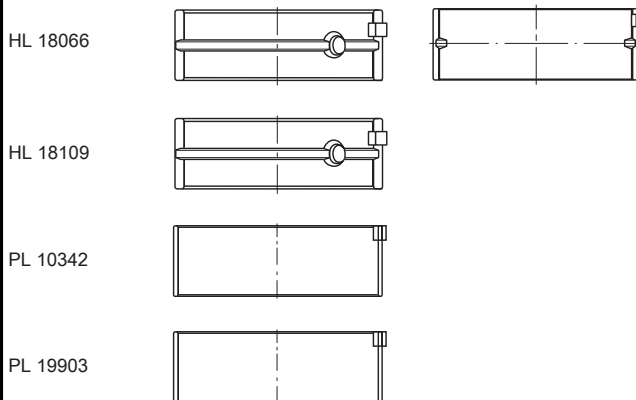
AFN R 4 Diesel, 1896 cm³, 81 kW (110 PS), 19,5:1, Turbo, LLK, 8 Ventile GALAXY I 1.9 TDI 08/1997...04/2000	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052										
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025	
53,978	59,019		2,503		0,079		0,250				



Ø 79,5

18

AHU R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile GALAXY I 1.9 TDI 03/1995...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
								1,000				100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300	
		29,052										
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750				075
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
53,978	59,019		2,503		0,079		0,250					
							0,750					
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000		
47,778	50,619	19,000	1,406		0,073		0,250			025		
							0,500				050	
							0,750				075	
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000		
47,778	50,619	19,000	1,406		0,067		0,250			025		
							0,500				050	
47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000		
47,778	50,612	19,000	1,406		0,054		0,250			025		
							0,500				050	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066	Semi		300				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1			
41,975	45,025		3,27		0,066		0,000	000				



Ø 79,5

19

AJM R 4 Diesel, 1896 cm³, 85 kW (115 PS), 18:1, Turbo, LLK, 8 Ventile	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							

Ø 79,5

20

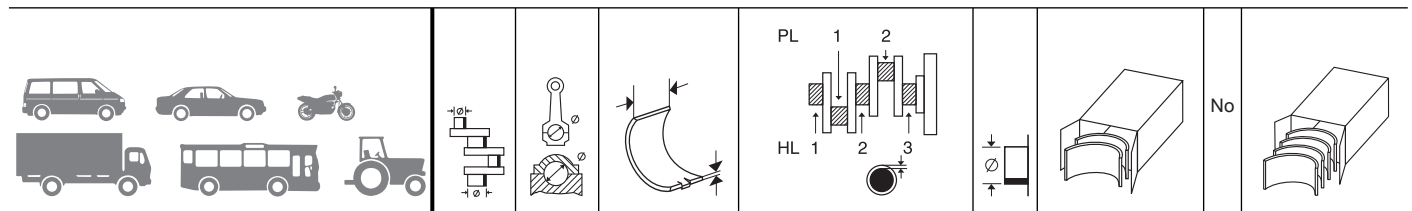
ANU R 4 Diesel, 1896 cm³, 66 kW (90 PS), 18:1, Turbo, 8 Ventile GALAXY I 1.9 TDI 03/1995...05/2006	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052									
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
53,978	59,019		2,503		0,079		0,250			025	
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			

Ø 79,5

21.1

ASZ R 4 Diesel, 1896 cm³, 96 kW (130 PS), 18,5:1, Turbo, LLK, 8 Ventile GALAXY I 1.9 TDI 02/2003...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

21.2

ASZ R 4 Diesel, 1896 cm ³ , 96 kW (130 PS), 18,5:1, Turbo, LLK, 8 Ventile GALAXY I 1.9 TDI 02/2003...05/2006	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
	50,858 50,878	53,700 53,712	20,100 20,400	1,398 1,403		0,020 0,064	M330	0,000 0,250	PL 19908	4	029 PS 19909 000 025
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 79,5

22

AUY R 4 Diesel, 1896 cm ³ , 85 kW (115 PS), 18:1, Turbo, LLK, 8 Ventile GALAXY I 1.9 TDI 04/2000...05/2006	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	50,858 50,878	53,700 53,712	20,100 20,400	1,398 1,403		0,020 0,064	M330	0,000 0,250	PL 19908	4	029 PS 19909 000 025
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 79,5

23

AVG R 4 Diesel, 1896 cm ³ , 81 kW (110 PS), 19,5:1, Turbo, LLK, 8 Ventile GALAXY I 1.9 TDI 08/1997...04/2000	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025

Ø 79,5

24

BTB R 4 Diesel, 1896 cm ³ , 110 kW (150 PS), 19:1, Turbo, LLK, 8 Ventile GALAXY I 1.9 TDI 05/2005...05/2006	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
	50,858 50,878	53,700 53,712	20,100 20,400	1,398 1,403		0,020 0,064	M330	0,000 0,250	PL 19908	4	029 PS 19909 000 025

Ø 79,96

25

LHA, LJA R 4 Benzin, 1598 cm ³ , 77 - 98 kW (105 - 133 PS), 8,2:1 - 9,8:1, 8 Ventile FIESTA III 1.6 T 03/1990...10/1992	57,990 58,000	62,287 62,300	22,210 22,590	2,13 2,138		0,011 0,050	M157	0,000 0,250 0,500	HL 20582	5	014 HS 20583 000 025 050
	47,890 47,910	50,890 50,910	19,170 19,420	1,479 1,487		0,006 0,062	M157	0,000 0,250 0,500	PL 20584	4	014 PS 20585 000 025 050
LNB R 4 Benzin, 1597 cm ³ , 97 kW (132 PS), 8,2:1, Turbo, LLK, 8 Ventile ESCORT IV 1.6 T 01/1986...07/1990											

Ø 79,96

26

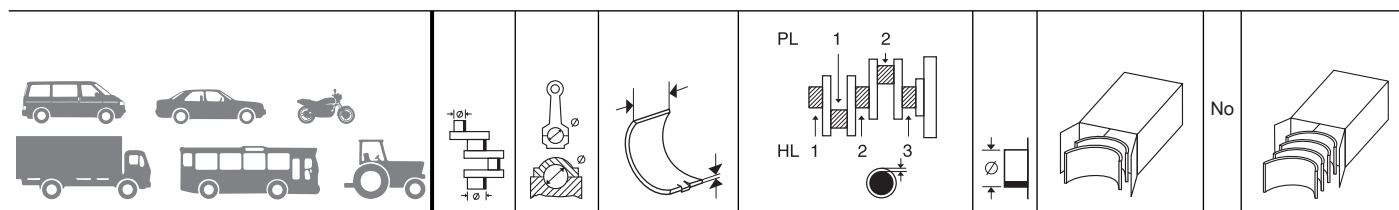
LNA R 4 Benzin, 1597 cm ³ , 97 kW (132 PS), 8,2:1, Turbo, LLK, 8 Ventile ESCORT III 1.6 T 11/1984...12/1985	57,990 58,000	62,287 62,300	22,210 22,590	2,13 2,138		0,011 0,050	M157	0,000 0,250 0,500	HL 20582	5	014 HS 20583 000 025 050
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Ø 80

27.1

JPA, JPC R 4 Benzin, 1297 cm ³ , 51 kW (69 PS), 9,5:1, 8 Ventile ESCORT III 1.3 FIESTA II 1.3 ORION I 1.3 ORION II 1.3 09/1980...02/1986 09/1983...01/1987 07/1983...03/1986 11/1986...07/1988	57,990 58,000	62,287 62,300	22,210 22,590	2,13 2,138		0,011 0,050	M157	0,000 0,250 0,500	HL 20582	5	014 HS 20583 000 025 050
	47,890 47,910	50,890 50,910	19,170 19,420	1,479 1,487		0,006 0,062	M157	0,000 0,250 0,500	PL 20584	4	014 PS 20585 000 025 050

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Ø 80 - Fortsetzung / Continued

27.2

LJC, LRA, LRB, LUA, LUB, LUC R 4 Benzin, 1597 cm³, 65 - 77 kW (88 - 105 PS), 9,5:1, 8 Ventile ESCORT III 1.6 09/1980...10/1982 ESCORT III 1.6 I 09/1983...12/1985 ESCORT III 1.6 XR3I 10/1982...12/1985 ESCORT IV 1.6 02/1986...07/1990 ESCORT IV 1.6 XR3I 01/1986...07/1990 FIESTA II 1.6 XR2 04/1984...02/1989 FIESTA III 1.6 XR2I 03/1989...01/1994 ORION I 1.6 I 07/1983...03/1986 ORION II 1.6 12/1985...07/1990	57,990	62,287	22,210	2,13		0,011	M157	0,000	HL 20582	5	014 HS 20583 000 025 050
	58,000	62,300	22,590	2,138		0,050		0,250 0,500			
LJF, LUJ, LUK R 4 Benzin, 1598 cm³, 65 - 66 kW (88 - 90 PS), 9,5:1, 8 Ventile ESCORT V 1.6 07/1990...12/1992 ORION III 1.6 I 07/1990...09/1992	47,890	50,890	19,170	1,479		0,006	M157	0,000	PL 20584	4	014 PS 20585 000 025 050
	47,910	50,910	19,420	1,487		0,062		0,250 0,500			

Ø 80

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LP1, LP2, LP3, LPA, LR1, LUAE R 4 Benzin, 1597 cm³, 58 - 85 kW (79 - 115 PS), 9,5:1, 8 Ventile ESCORT III 1.6 09/1980...12/1985 ESCORT III 1.6 I 05/1982...12/1985 ESCORT III 1.6 XR3I 10/1982...12/1985 ESCORT IV 1.6 01/1986...07/1990 FIESTA II 1.6 01/1985...11/1989 ORION I 1.6 I 07/1983...03/1986 ORION II 1.6 04/1986...12/1988	57,990	62,287	22,210	2,13		0,011	M157	0,000	HL 20582	5	014 HS 20583 000 025 050
	58,000	62,300	22,590	2,138		0,050		0,250 0,500			

Ø 80

29

RY V 6 Benzin, 1814 cm³, 60 kW (82 PS), 9:1, 12 Ventile	56,980	60,620	21,600	1,806	1.2.3.4.	0,020	M157	0,000	HL 18154	4	014 HS 18830 200
	57,000	60,640				0,073					

Ø 80,6

30

EYDC, EYDD, EYDE, EYDF, EYDG, EYDI, EYDJ, EYDL, EYPC, EYPD, RDA, RDB, RKA, RKB, RKC, RKF, RKH, RKJ, RKK, RQB, RQC, Zetec 1,8 R 4 Benzin, 1796 cm³, 77 - 96 kW (105 - 130 PS), 16 Ventile ESCORT V 1.8 XR3I 02/1992...12/1992 ESCORT VI 1.8 XR3I 09/1992...01/1995 ESCORT VII 1.8 01/1995...02/1999 ESCORT VII 1.8 XR3I 02/1995...08/2000 FIESTA III 1.8 XR2I 02/1992...12/1995 FOCUS I 1.8 10/1998...11/2004 MONDEO I 1.8 07/1994...08/1996 MONDEO I 1.8 I 02/1993...08/1996 MONDEO II 1.8 I 09/1996...11/2000 ORION III 1.8 I 01/1992...12/1993 RANGER 1.8 06/1999...02/2002 TOURNEO CONNECT 1.8 I 06/2002...03/2009 TRANSIT 1.8 LPG 06/2002...07/2006	57,980	62,287	24,600	2,248	3.	0,025	M810	0,250	FL 20668	1	014 HS 20669 025
	58,000	62,300	24,680	2,256		0,074					
ESCORT V 1.8 XR3I 02/1992...12/1992 ESCORT VI 1.8 XR3I 09/1992...01/1995 ESCORT VII 1.8 01/1995...02/1999 ESCORT VII 1.8 XR3I 02/1995...08/2000 FIESTA III 1.8 XR2I 02/1992...12/1995 FOCUS I 1.8 10/1998...11/2004 MONDEO I 1.8 07/1994...08/1996 MONDEO I 1.8 I 02/1993...08/1996 MONDEO II 1.8 I 09/1996...11/2000 ORION III 1.8 I 01/1992...12/1993 RANGER 1.8 06/1999...02/2002 TOURNEO CONNECT 1.8 I 06/2002...03/2009 TRANSIT 1.8 LPG 06/2002...07/2006	57,980	62,287	18,960	2,248	1.2.4.5.	0,025	M810	0,250	HL 20667	4	014 PS 20662 025
	58,000	62,300	19,210	2,256		0,074					
ESCORT V 1.8 XR3I 02/1992...12/1992 ESCORT VI 1.8 XR3I 09/1992...01/1995 ESCORT VII 1.8 01/1995...02/1999 ESCORT VII 1.8 XR3I 02/1995...08/2000 FIESTA III 1.8 XR2I 02/1992...12/1995 FOCUS I 1.8 10/1998...11/2004 MONDEO I 1.8 07/1994...08/1996 MONDEO I 1.8 I 02/1993...08/1996 MONDEO II 1.8 I 09/1996...11/2000 ORION III 1.8 I 01/1992...12/1993 RANGER 1.8 06/1999...02/2002 TOURNEO CONNECT 1.8 I 06/2002...03/2009 TRANSIT 1.8 LPG 06/2002...07/2006	46,890	49,890	19,850	1,592		0,030	M810	0,250	PL 20661	4	014 PS 20662 025
	46,910	49,910	20,100	1,725		0,086					

Ø 80,96

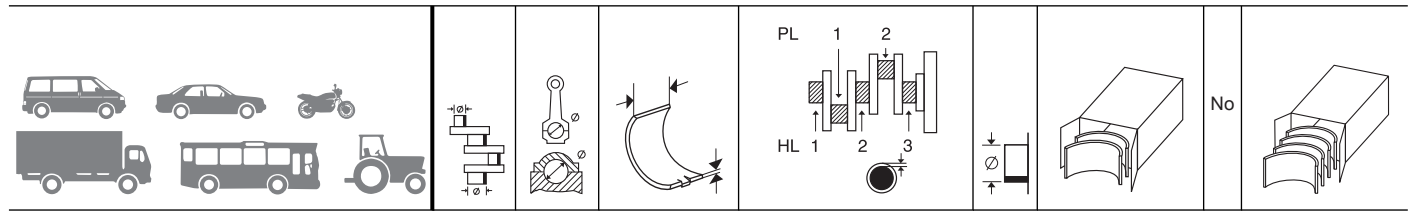
31

2737 E R 4 Benzin, 1599 cm³, 47 kW (64 PS), 8,6:1	59,436	74,498		2,36			M250	0,000	AL 20081	2	014 AS 20082 000	
	59,690	74,752										
	53,988	57,683	25,270	1,816		0,033	M900	0,000	HL 20353	5		014 HS 20354 200 210
	54,000	57,696	25,530	1,825		0,076		0,254				
ESCORT V 1.8 XR3I 02/1992...12/1992 ESCORT VI 1.8 XR3I 09/1992...01/1995 ESCORT VII 1.8 01/1995...02/1999 ESCORT VII 1.8 XR3I 02/1995...08/2000 FIESTA III 1.8 XR2I 02/1992...12/1995 FOCUS I 1.8 10/1998...11/2004 MONDEO I 1.8 07/1994...08/1996 MONDEO I 1.8 I 02/1993...08/1996 MONDEO II 1.8 I 09/1996...11/2000 ORION III 1.8 I 01/1992...12/1993 RANGER 1.8 06/1999...02/2002 TOURNEO CONNECT 1.8 I 06/2002...03/2009 TRANSIT 1.8 LPG 06/2002...07/2006	49,200	52,896	21,970	1,826		0,014	M900	0,000	PL 20355	4	014 PS 20356 200 210 220	
	49,212	52,908	22,350	1,835		0,056		0,254 0,508				

Ø 80,96

32

J3E R 4 Benzin, 1296 cm³, 49 kW (67 PS), 9,2:1, 8 Ventile FIESTA I 1.3 08/1977...08/1983	57,990	62,287	22,210	2,13		0,011	M157	0,000	HL 20582	5	014 HS 20583 000 025 050
	58,000	62,300	22,590	2,138		0,050		0,250 0,500			
ESCORT V 1.8 XR3I 02/1992...12/1992 ESCORT VI 1.8 XR3I 09/1992...01/1995 ESCORT VII 1.8 01/1995...02/1999 ESCORT VII 1.8 XR3I 02/1995...08/2000 FIESTA III 1.8 XR2I 02/1992...12/1995 FOCUS I 1.8 10/1998...11/2004 MONDEO I 1.8 07/1994...08/1996 MONDEO I 1.8 I 02/1993...08/1996 MONDEO II 1.8 I 09/1996...11/2000 ORION III 1.8 I 01/1992...12/1993 RANGER 1.8 06/1999...02/2002 TOURNEO CONNECT 1.8 I 06/2002...03/2009 TRANSIT 1.8 LPG 06/2002...07/2006	47,890	50,890	19,170	1,479		0,006	M157	0,000	PL 20584	4	014 PS 20585 000 025 050
	47,910	50,910	19,420	1,487		0,062		0,250 0,500			



Ø 81 **33**

AAA, AYL VR 6 Benzin, 2792 cm³, 128 - 150 kW (174 - 204 PS), 10:1 - 10,5:1, 12 Ventile GALAXY I 2.8 I 04/2000...05/2006 GALAXY I 2.8 I V6 11/1995...04/2000	65,450	79,760		1,673			M157	0,000	AL 20847	2	029 AS 20848 000
	65,690	80,000		1,723							
		23,000	19,500				M100	Semi	BB 20849	6	029 BS 20850 300
		23,052	20,000								
	59,958	65,000	16,750	2,493		0,020	M810	0,000	HL 20843	7	029 HS 20844 000
59,978	65,010	17,000	2,501		0,066		0,250			025	
							0,500				050
53,958	56,800	16,750	1,396		0,014	M810	0,000	PL 20851	6	029 PS 20852 000	
53,978	56,819	17,000	1,404		0,069		0,250			025	
							0,500				050
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi	300			

Ø 81 **34**

AMY VR 6 Benzin, 2792 cm³, 128 kW (174 PS), 10:1, 12 Ventile GALAXY I 2.8 I V6 11/1995...04/2000	59,958	65,000	16,750	2,493		0,020	M810	0,000	HL 20843	7	029 HS 20844 000
	59,978	65,010	17,000	2,501		0,066		0,250			025
								0,500			050
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi	300			

Ø 81 **35**

L3E R 4 Benzin, 1599 cm³, 62 kW (84 PS), 9:1, 8 Ventile FIESTA I 1.6 XR2 08/1981...08/1983	59,436	74,498		2,36			M250	0,000	AL 20081	2	014 AS 20082 000
	59,690	74,752									
	53,988	57,683	25,270	1,816		0,033	M900	0,000	HL 20353	5	014 HS 20354 200
	54,000	25,530	1,825		0,076		0,254				210
49,200	52,896	21,970	1,826		0,014	M900	0,000	PL 20355	4	014 PS 20356 200	
49,212	52,908	22,350	1,835		0,056		0,254			210	
							0,508				220

Ø 81,3 **36**

LCS, LCT R 4 Benzin, 1593 cm³, 55 kW (75 PS), 9,5:1 - 95:1, 8 Ventile SIERRA 1.6 08/1982...12/1986	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000
	57,000	60,640	23,620	1,81		0,058		0,250			025

Ø 81,3 **37**

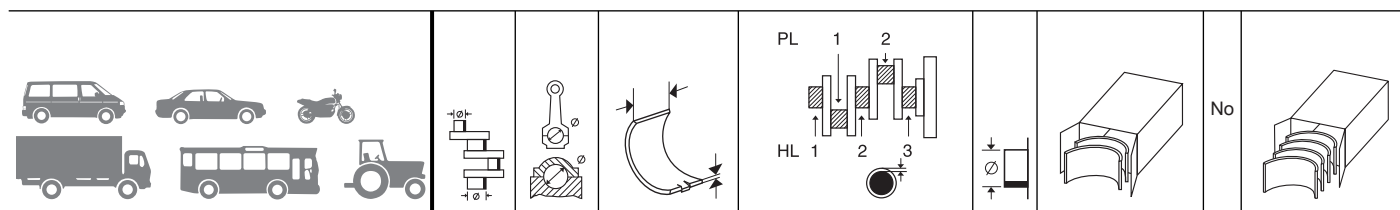
LCT-E, LSE-E R 4 Benzin, 1593 cm³	63,600	80,240		2,299			M172	0,000	AL 20237	4	014 AS 20238 000
	63,850	80,490		2,35							
LSD R 4 Benzin, 1597 cm³, 55 - 58 kW (74 - 79 PS), 9,5:1, 8 Ventile SIERRA 1.6 08/1982...12/1986	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000
	57,000	60,640	23,620	1,81		0,058		0,250			025
	51,990	55,000	19,610	1,488		0,006	M901	0,000	PL 20235	4	014 PS 20236 000
	52,000	55,020	20,000	1,497		0,054		0,250			025

Ø 81,3 **38**

LSE R 4 Benzin, 1597 cm³, 55 kW (75 PS), 9,5:1, 8 Ventile SIERRA 1.6 01/1987...02/1993	57,990	62,287	22,210	2,13		0,011	M157	0,000	HL 20582	5	014 HS 20583 000
	58,000	62,300	22,590	2,138		0,050		0,250			025
								0,500			
47,890	50,890	19,170	1,479		0,006	M157	0,000	PL 20584	4	014 PS 20585 000	
47,910	50,910	19,420	1,487		0,062		0,250			025	
							0,500				050

Ø 82,5 **39**

BHDA, BHDB, BHPA, C9DA, C9DB, F9DA, F9DB, FFDA, HCPB, KKDB, P7PA, P7PB, QYWA, R2PA, RVA, RWPC, RWPD R 4 Diesel, 1753 cm³, 51 - 92 kW (70 - 125 PS), Hub 82mm, Turbo, 8 Ventile	53,970	57,683	21,920	1,823	1.	0,021	M780	0,000	HL 20078	1	014 HS 20080 000
	53,990	57,696	22,170	1,836		0,080		0,250			025
53,970	57,683	22,750	1,823	2.-5.	0,021	M780	0,000	HL 20079	4		
53,990	57,696	23,000	1,836		0,080		0,250			050	
							0,500				



Ø 82,5 **40**

C9DC, RFA, RFB, RFD, RFK, RFL, RFM, RFN, RFS, RFU	59,436 59,690	74,498 74,752		2,36			M250	0,000	AL 20081	2	014 AS 20082 000
R 4 Diesel, 1753 cm ³ , 55 - 66 kW (75 - 90 PS), 19,4:1 - 21,5:1, Hub 82mm, Turbo, LLK, 8 Ventile	53,970 53,990	57,683 57,696	21,920 22,170	1,823 1,836	1.	0,021 0,080	M780	0,000 0,250 0,500	HL 20078	1	014 HS 20080 000 025 050
ESCORT VI 1.8 TD 02/1993...01/1995											
ESCORT VII 1.8 TD 01/1995...07/2000											
FIESTA III 1.8 TD 03/1993...12/1995	53,970	57,683	22,750	1,823	2.-5.	0,021	M780	0,000	HL 20079	4	
FOCUS I 1.8 TURBO DI / TDDI 10/1998...11/2004	53,990	57,696	23,000	1,836		0,080		0,250 0,500			
MONDEO I 1.8 TD 06/1993...08/1996											
MONDEO II 1.8 TD 09/1996...11/2000											
ORION III 1.8 TD 03/1992...12/1993											
P 100 1.8 TD 10/1987...12/1992											
SIERRA 1.8 TD 08/1988...02/1993											

Ø 82,5 **41**

D18T, RTA, RTB, RTC, RTD, RTE, RTF, RTG, RTH, RTJ, RTK	59,436 59,690	74,498 74,752		2,36			M250	0,000	AL 20081	2	014 AS 20082 000
R 4 Diesel, 1753 cm ³ , 43 - 44 kW (58 - 60 PS), 21,5:1, Turbo	53,970 53,990	57,683 57,696	21,920 22,170	1,823 1,836	1.	0,021 0,080	M780	0,000 0,250 0,500	HL 20078	1	014 HS 20080 000 025 050
COURIER 1.8 D 09/1991...12/2002											
ESCORT IV 1.8 D 07/1988...07/1990											
ESCORT V 1.8 D 07/1990...12/1994	53,970	57,683	22,750	1,823	2.-5.	0,021	M780	0,000	HL 20079	4	
ESCORT VI 1.8 D 09/1992...01/1995	53,990	57,696	23,000	1,836		0,080		0,250 0,500			
ESCORT VII 1.8 D 01/1995...02/1999											
FIESTA III 1.8 D 03/1989...12/1995	48,970	52,000	21,450	1,482		0,020	M780	0,000	PL 20076	4	014 PS 20077 000 025 050
FIESTA IV 1.8 D 08/1995...07/2001	48,990	52,020	21,700	1,495		0,086		0,250 0,500			
ORION II 1.8 D 01/1989...07/1990											
ORION III 1.8 D 11/1990...12/1993											
PL 20076											

Ø 83 **42**

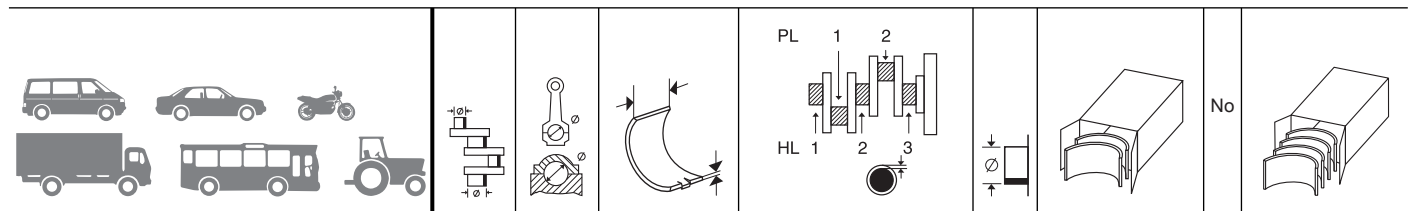
CGBA, CGBB, CHBA, CHBB, Q7DA, QQDA, QQDB	57,980 58,000	62,287 62,300	24,600 24,680	2,248 2,256	3.	0,025 0,074	M810	0,250	FL 20668	1	014 HS 20669 025
R 4 Benzin, 1798 cm ³ , 81 - 92 kW (110 - 125 PS), 10,8:1, 16 Ventile	57,980 58,000	62,287 62,300	18,960 19,210	2,248 2,256	1.2.4.5.	0,025 0,074	M810	0,250	HL 20667	4	
C-MAX 1.8 02/2007...11/2010											
FOCUS II 1.8 FLEXIFUEL 01/2006...11/2010											
FOCUS C-MAX 1.8 04/2004...03/2007											
MONDEO III 1.8 11/2000...08/2007											

Ø 84 **43**

ARC	56,980 57,000	60,620 60,640	21,600	1,806	1.2.3.4.	0,020 0,073	M157	0,000	HL 18154	4	014 HS 18830 200
V 6 Benzin, 2394 cm ³ , 96 kW (130 PS), 9,5:1, 12 Ventile											
SCORPIO I 2.4 I 09/1986...09/1988											
TV 20 L											
V 6 Benzin, 1998 cm ³ , 63 kW (85 PS), 12 Ventile											

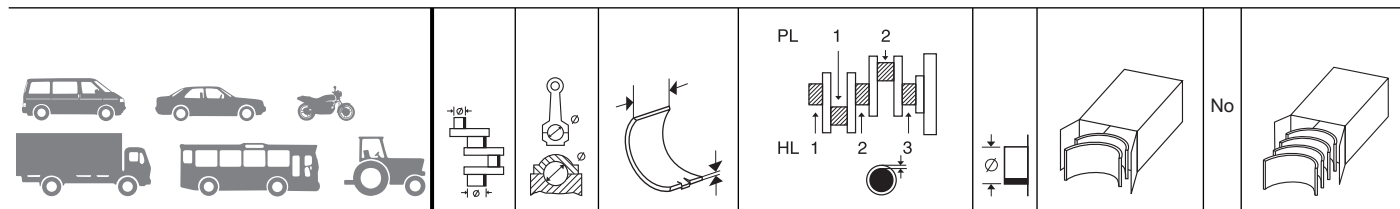
Ø 84,8 **44**

EDBA, EDBB, EDBC, EDBD, EDD, EDDC, EDDD, EDDF, NGB, NGC, NGD	57,980 58,000	62,287 62,300	24,600 24,680	2,248 2,256	3.	0,025 0,074	M810	0,250	FL 20668	1	014 HS 20669 025
R 4 Benzin, 1988 cm ³ , 96 kW (130 - 131 PS), 10:1, 16 Ventile	57,980 58,000	62,287 62,300	18,960 19,210	2,248 2,256	1.2.4.5.	0,025 0,074	M810	0,250	HL 20667	4	
COUGAR 2.0 I 08/1998...12/2001											
FOCUS I 2.0 10/1998...11/2004	46,890	49,890	19,850	1,592		0,030	M810	0,250	PL 20661	4	014 PS 20662 025
MONDEO II 2.0 I 09/1996...11/2000	46,910	49,910	20,100	1,725		0,086					
NGA, Zetec 2,0											
R 4 Benzin, 1998 cm ³ , 96 - 100 kW (131 - 136 PS), 10:1, 16 Ventile											
MONDEO I 2.0 I 01/1993...08/1996											
MONDEO II 2.0 I 09/1996...11/2000											



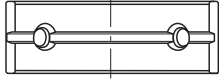
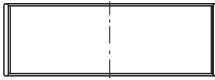


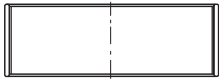
Ø 85											45
AZBC, AZWA, AZWC, G6DA, G6DB, G6DC, G6DD, G6DE, G6DF, G6DG, IXDA, KLBA, KLWA, QXBA, QXBB, QXWA, QXWB, QXWC, TYWA, UFBA, UFDA, UFWA, UKDA, UKWA R 4 Diesel, 1997 cm³, 81 - 103 kW (110 - 140 PS), 16 Ventile C-MAX 2.0 TDCI 02/2007...11/2010 FOCUS II 2.0 TDCI 11/2004...11/2010 FOCUS C-MAX 2.0 TDCI 10/2003...03/2007 GALAXY II 2.0 TDCI 05/2006...07/2010 KUGA I 2.0 TDCI 03/2008...12/2012 MONDEO IV 2.0 TDCI 03/2007...07/2010 S-MAX 2.0 TDCI 05/2006...11/2010	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
Ø 86											46
Dura Torq TDCI, UHFA R 4 Diesel, 1998 cm³, 66 - 103 kW (90 - 140 PS), Turbo, LLK TRANSIT 2.2 TDCI 10/2007...12/2013	52,980 53,000	55,996 56,016	24,300 24,550	1,60 1,735		0,026 0,086	M250	0,250	PL 20576	4	014 PS 20577 025
Ø 86											47
RF R 4 Diesel, 1998 cm³, 41 - 55 kW (56 - 75 PS), 22,7:1, 8 Ventile ECONOVAN 2.0 D 03/1986...03/1992	59,940 59,955	63,999 64,019	19,130	2,007		0,030 0,091	M800	0,000 0,500	HL 19874	4	627 HS 19872 000 050
	59,940 59,955	63,999 64,019	21,130	2,007		0,030 0,091	M800	0,000 0,500	HL 19875	1	
Ø 86,2											48
R2A R 4 Benzin, 1769 cm³, 66 kW (90 PS), 9,5:1, 8 Ventile SIERRA 1.8 01/1987...05/1988	63,600 63,850	80,240 80,490		2,299 2,35			M172	0,000	AL 20237	4	014 AS 20238 000
	56,980 57,000	60,620 60,640	23,240 23,620	1,80 1,81		0,000 0,058	M901	0,000 0,250	HL 20233	5	014 HS 20234 000 025
REB, REC, RED R 4 Benzin, 1796 cm³, 59 - 66 kW (80 - 90 PS), 9,2:1 - 9,5:1, 8 Ventile SCORPIO I 1.8 04/1985...02/1992 SIERRA 1.8 10/1984...09/1989	51,990 52,000	55,000 55,020	19,610 20,000	1,488 1,497		0,006 0,054	M901	0,000 0,250	PL 20235	4	014 PS 20236 000 025
Ø 87,5											49
AODA, AODB, AODE, SYDA R 4 Benzin, 1999 cm³, 107 kW (145 PS), 16 Ventile C-MAX 2.0 02/2007...11/2010 C-MAX 2.0 CNG 04/2009...11/2010 C-MAX 2.0 LPG 06/2008...11/2010 FOCUS II 2.0 11/2004...11/2010 FOCUS C-MAX 2.0 I 04/2004...03/2007	57,980 58,000	62,287 62,300	24,600 24,680	2,248 2,256	3.	0,025 0,074	M810	0,250	FL 20668	1	014 HS 20669 025
	57,980 58,000	62,287 62,300	18,960 19,210	2,248 2,256	1.2.4.5.	0,025 0,074	M810	0,250	HL 20667	4	
	46,890 46,910	49,890 49,910	19,850 20,100	1,592 1,725		0,030 0,086	M810	0,250	PL 20661	4	014 PS 20662 025
Ø 87,5											50
CJBA, CJBB R 4 Benzin, 1998 cm³, 107 kW (146 PS), 10,8:1, 16 Ventile MONDEO III 2.0 11/2000...08/2007	57,980 58,000	62,287 62,300	24,600 24,680	2,248 2,256	3.	0,025 0,074	M810	0,250	FL 20668	1	014 HS 20669 025
	57,980 58,000	62,287 62,300	18,960 19,210	2,248 2,256	1.2.4.5.	0,025 0,074	M810	0,250	HL 20667	4	
Ø 87,5											51.1
Duratec 20, Duratec 20E, Euro 4 R 4 Benzin, 1999 cm³, 107 kW (146 PS), 10,8:1, 16 Ventile	51,979 51,999	57,018 57,036	18,900 19,100	2,498 2,504	1,2,4,5	0,010 0,061	M920	0,000 0,250 0,500	HL 20801	5	014 HS 20803 000 025 050
	51,979 51,999	57,018 57,036	25,680 25,760	2,494 2,502	3	0,015 0,069	M920	0,000 0,250 0,500	FL 20802	1	

Fortsetzung nächste Seite / Continued on next page



Ø 87,5 - Fortsetzung / Continued

51.2

Duratec 20, Duratec 20E, Euro 4 R 4 Benzin, 1999 cm³, 107 kW (146 PS), 10,8:1, 16 Ventile	46,979	50,025	16,640	1,496		0,018	M920	0,000	PL 20799	4	014 PS 20800 000 050
	47,000	50,045	16,890	1,504		0,074		0,500			
	HL 20801  										
FL 20802  											
PL 20799 											

Ø 87,5

52

Duratec 23 R 4 Benzin, 2261 cm³, 118 kW (160 PS), 16 Ventile	51,979	57,018	18,900	2,498	1,2,4,5	0,010	M920	0,000	HL 20801	5	014 HS 20803 000 025 050
	51,999	57,036	19,100	2,504							
	51,979	57,018	25,680	2,494							
51,999	57,036	25,760	2,502								
	49,980	53,025	16,640	1,496		0,010	M920	0,000	PL 20797	4	014 PS 20798 000 025 050
	50,000	53,045	16,890	1,504							

Ø 87,65

53

LAD, LE R 4 Benzin, 1593 cm³, 50 - 65 kW (68 - 88 PS), 8 Ventile CAPRI I 1600 08/1972...02/1974 TAUNUS 1.6 05/1975...07/1982 TAUNUS 1600 01/1974...05/1975	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000 025
	57,000	60,640	23,620	1,81							

Ø 87,68

54

B, LCK, LEC, OHC TL 16 H 4 Benzin, 1593 cm³, 48 - 65 kW (65 - 88 PS), 8 Ventile CAPRI I 1600 08/1972...02/1974 CAPRI II 1.6 02/1974...12/1977 GRANADA 1.6 07/1981...08/1985 TRANSIT 1.6 11/1977...10/1986	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000 025
	57,000	60,640	23,620	1,81							

Ø 87,68

55

LCN R 4 Benzin, 1576 cm³, 54 kW (73 PS), 9,2:1, 8 Ventile CAPRI III 1.6 01/1978...04/1987	63,600	80,240		2,299			M172	0,000	AL 20237	4	014 AS 20238 000
	63,850	80,490		2,35							
	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	
57,000	60,640	23,620	1,81								
	51,990	55,000	19,610	1,488		0,006	M901	0,000	PL 20235	4	014 PS 20236 000 025
	52,000	55,020	20,000	1,497							

Ø 87,7

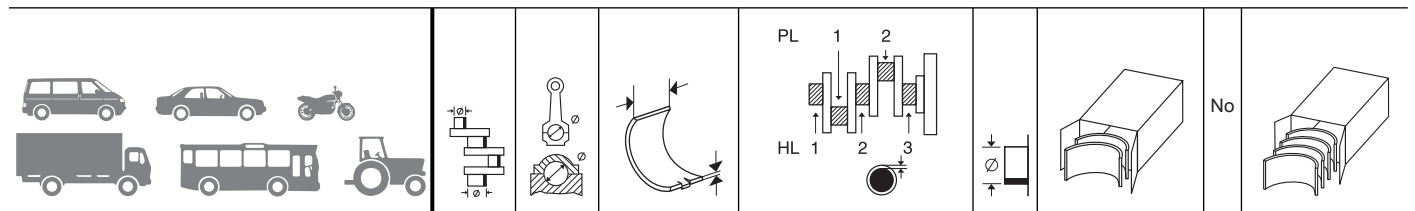
56

LCR R 4 Benzin, 1598 cm³, 54 kW (73 PS), 8 Ventile P 100 1.6 04/1982...09/1987	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000 025
	57,000	60,640	23,620	1,81							
TL 16M 4 Benzin, 1593 cm³, 62 kW (84 PS), 8 Ventile ESCORT I 1.6 08/1969...11/1974											

Ø 90

57

TV 23 H V 6 Benzin, 2293 cm³, 79 kW (108 PS), 12 Ventile CAPRI I 2300 02/1969...02/1974	56,980	60,620	21,600	1,806	1.2.3.4.	0,020	M157	0,000	HL 18154	4	014 HS 18830 200
	57,000	60,640									
TV 26 H V 6 Benzin, 2523 cm³, 92 kW (125 PS), 12 Ventile TAUNUS 2.5 10/1969...04/1974 TAUNUS 2.6 09/1967...08/1971											



Ø 90,8 **58**

N6T, NE, NEE, NEG R 4 Benzin, 1993 cm³, 57 - 80 kW (78 - 109 PS), 8 Ventile ESCORT II 2.0 08/1975...08/1980 TAUNUS 2.0 08/1976...07/1979 TAUNUS 2000 08/1973...02/1976 TRANSIT 2.0 KAT 11/1985...09/1992	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000 025
	57,000	60,640	23,620	1,81		0,058		0,250			

Ø 90,8 **59**

NBA R 4 Benzin, 1993 cm³, 66 kW (90 PS), 8 Ventile TRANSIT 2.0 04/1991...09/1994	63,600	80,240		2,299			M172	0,000	AL 20237	4	014 AS 20238 000 025
	63,850	80,490		2,35							
NCA R 4 Benzin, 1994 cm³, 72 kW (98 PS), 8 Ventile TRANSIT 2.0 I 09/1991...08/1994	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000 025
	57,000	60,640	23,620	1,81		0,058		0,250			
NCA R 4 Benzin, 1994 cm³, 72 kW (98 PS), 8 Ventile TRANSIT 2.0 I 09/1991...08/1994	51,990	55,000	19,610	1,488		0,006	M901	0,000	PL 20235	4	014 PS 20236 000 025
	52,000	55,020	20,000	1,497		0,054		0,250			

Ø 90,83 **60**

NEK, NEN, NER, NET, NRA, NRB R 4 Benzin, 1993 cm³, 73 - 85 kW (99 - 115 PS), 9,2:1, 8 Ventile CAPRI III 2.0 01/1978...12/1985 GRANADA 2.0 08/1981...08/1985 SCORPIO I 1.9 11/1992...09/1993 SCORPIO I 2.0 I 04/1985...09/1994 SIERRA 2.0 08/1982...12/1986 SIERRA 2.0 I 03/1985...12/1986 TAUNUS 2.0 07/1979...07/1982	63,600	80,240		2,299			M172	0,000	AL 20237	4	014 AS 20238 000 025
	63,850	80,490		2,35							
NEL R 4 Benzin, 1995 cm³, 77 kW (105 PS), 9,2:1, 8 Ventile SCORPIO I 2.0 04/1985...08/1989	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000 025
	57,000	60,640	23,620	1,81		0,058		0,250			
NES R 4 Benzin, 1998 cm³, 77 kW (105 PS), 10,3:1, 8 Ventile SIERRA 2.0 01/1987...02/1993	51,990	55,000	19,610	1,488		0,006	M901	0,000	PL 20235	4	014 PS 20236 000 025
	52,000	55,020	20,000	1,497		0,054		0,250			

Ø 90,83 **61**

NR2, NRD R 4 Benzin, 1993 cm³, 74 kW (101 PS), 8,5:1, 8 Ventile SIERRA 2.0 03/1985...12/1986	56,980	60,620	23,240	1,80		0,000	M901	0,000	HL 20233	5	014 HS 20234 000 025
	57,000	60,640	23,620	1,81		0,058		0,250			

Ø 93 **62**

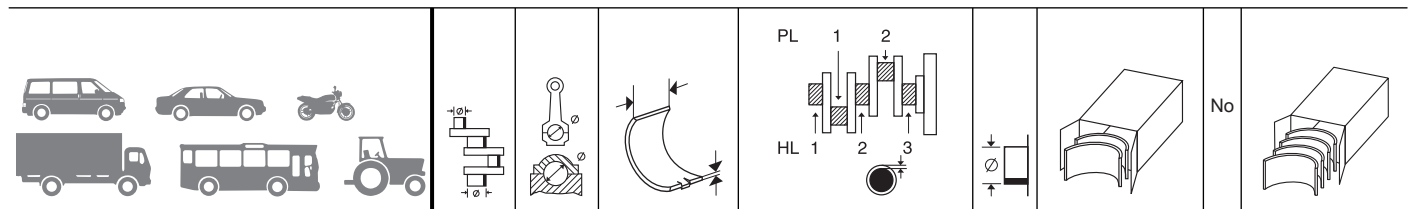
2.8 V 6 Benzin, 2793 cm³, 78 kW (106 PS), 9,2:1	56,980	60,620	21,600	1,806	1.2.3.4.	0,020	M157	0,000	HL 18154	4	014 HS 18830 200 025
	57,000	60,640				0,073					
B4T, BOA, BRV V 6 Benzin, 2935 cm³, 107 - 143 kW (145 - 195 PS), 9,5:1 - 9,7:1, 12 Ventile SCORPIO I 2.9 I 04/1991...09/1994											
PRE V 6 Benzin, 2792 cm³, 110 kW (150 PS), 9,2:1, 12 Ventile SCORPIO I 2.8 I 04/1985...11/1986											

Ø 93 **63**

BRC, BRD, BRF V 6 Benzin, 2933 cm³, 107 kW (145 PS), 9,5:1, 12 Ventile SCORPIO I 2.9 I 09/1986...12/1994	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000 025
	53,978	59,012	18,500	2,501		0,064					

Ø 93 **64**

BRE V 6 Benzin, 2935 cm³, 107 kW (145 PS), 9,5:1, 12 Ventile SCORPIO I 2.9 I 09/1986...12/1994	56,980	60,620	21,600	1,806	1.2.3.4.	0,020	M157	0,000	HL 18154	4	014 HS 18830 200 025
	57,000	60,640				0,073					
SCORPIO I 2.9 I 09/1986...12/1994	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000 025
	53,978	59,012	18,500	2,501		0,064					



Ø 93 65

BRT V 6 Benzin, 2935 cm³, 104 - 107 kW (141 - 145 PS), 9,5:1, 12 Ventile TRANSIT 2.9 I 01/1991...09/1994	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					100
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025

Ø 93,64 66

Dura Torq DI 2,4 R 4 Diesel, 2402 cm³, 55 kW (75 PS)	52,980	55,996	24,300	1,60		0,026	M250	0,250	PL 20576	4	014 PS 20577 025
	53,000	56,016	24,550	1,735		0,086					

Ø 93,67 67

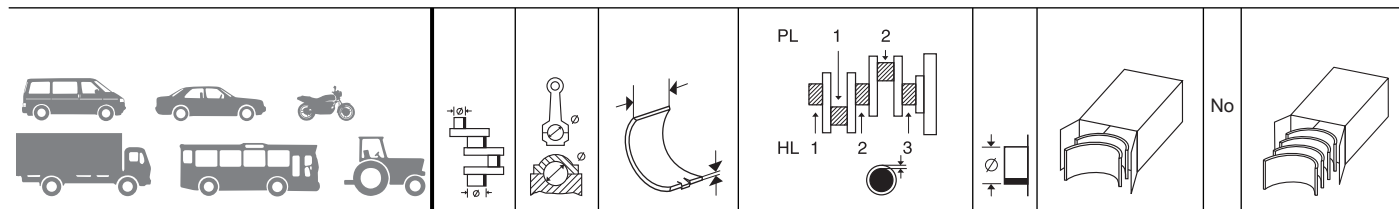
4BC, 4DA, 4EA, 4EB, 4FB, 4GB, 4GC, 4HB R 4 Diesel, 2496 cm³, 51 - 74 kW (70 - 101 PS), 18,3:1 - 20,6:1, Turbo, 8 Ventile TOURNEO 2.5 DI 11/1994...12/2000 TRANSIT 2.5 TD 05/1991...03/2000 TRANSIT 2.5 TDI 09/1995...03/2000	78,750	94,000		2,81			M157	0,000	AL 20279	4	014 AS 20280 000
	79,000	94,250		2,86							
	69,990	74,000	22,900	1,975		0,034	M157	0,000	HL 20537	3	014 HS 20540 000
	70,000	74,020	23,100	1,983		0,080		0,250			
	69,990	74,000	26,900	1,98		0,034	M157	0,000	HL 20538	1	050
	70,000	74,020	27,100	1,983		0,080		0,250			
	76,990	81,000	21,690	1,975		0,034	M157	0,000	HL 20539	1	
	77,000	81,020	22,100	1,983		0,080		0,250			
	59,979	63,505	25,870	1,725		0,029	M901	0,000	PL 20277	4	014 PS 20278 000
	60,000	63,520	26,130	1,738		0,091		0,250			025
								0,500			050

Ø 94 68

SFA, STP, STR R 4 Diesel, 2498 cm³, 51 kW (69 PS), 21:1 - 23:1, 8 Ventile GRANADA 2.5 D 08/1982...08/1985 SCORPIO I 2.5 D 12/1985...12/1994 SCORPIO I 2.5 TD 06/1988...07/1993	67,000	84,750		2,30			M250	0,000	AL 18015	4	039 AS 18014 000
	67,250	85,000		2,35							
	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	039 HS 10075 000
	60,021	63,750	30,000	1,835		0,098		0,500			
	59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2	019/1981...
	60,021	63,750	24,000	1,835		0,098		0,500			
YTR, YTT R 4 Diesel, 2304 cm³, 49 kW (67 PS), 22,2:1, 8 Ventile SIERRA 2.3 D 08/1982...02/1993	54,994	58,731	21,750	1,829	2.4.	0,052	M157	0,000	HL 20478	2	039 HS 20480 000
	55,009	58,750	22,000	1,835		0,098		0,300			
	54,994	58,731	29,750	1,829	1.3.5.	0,052	M157	0,000	HL 20479	3	050
	55,009	58,750	30,000	1,835		0,098		0,500			
	54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000
	55,021	58,750	29,000	1,845		0,092		0,300			
	49,984	53,695	28,750	1,866		0,051	M157	0,100	PL 20483	4	039 PS 20484 010
	50,000	53,708	29,000	1,922		0,092		0,300			
								0,500			050
								0,800			080
								1,000			100
											019/1979...

Ø 94 69

XD3P R 4 Diesel, 2497 cm³, 53 - 58 kW (72 - 79 PS), 23:1, 8 Ventile	67,000	84,750		2,30			M250	0,000	AL 18015	4	039 AS 18014 000
	67,250	85,000		2,35							
	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	039 HS 10075 000
	60,021	63,750	30,000	1,835		0,098		0,500			
	59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2	039 PS 10074 000
	60,021	63,750	24,000	1,835		0,098		0,500			
	54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000
	55,021	58,750	29,000	1,845		0,092		0,300			
								0,500			050
								0,800			080
								1,000			100



Ø 104,77 **75**

2704 R 6 Diesel, , 95 - 106 kW (129 - 144 PS), 15,7:1, Turbo	84,200	98,750		2,346			M817	0,070	AL 20313	4	014 AS 20314 202
	84,450	99,000		3,407							
	36,502	39,700	37,050	1,79			M100	Semi	BB 20318	6	014 BS 20319 300
	36,510	39,751	37,590	1,89							<small>01/1969...12/1981</small>
	76,215	80,429	26,290	2,071		0,039	M900	0,000	HL 20307	5	014 HS 20309 200
	76,230	80,444	26,670	2,08		0,087		0,508			220
	76,215	80,429	35,810	2,071		0,039	M900	0,000	HL 20308	2	
	76,230	80,444	36,190	2,08		0,087		0,508			
76,205	80,429	26,420	2,07	1.2.3.5.6.	0,048	M157	0,000	HL 20310	5	014 HS 20312 200	
76,225	80,442	26,670	2,078		0,097		0,254			210	
							0,508			220	
							0,762			230	
76,205	80,429	35,940	2,07	4.7.	0,048	M157	0,000	HL 20311	2		
76,225	80,442	36,190	2,078		0,097		0,254				
							0,508				
							0,762				
55,480	58,750	1,580	1,58			M250	0,000	NB 20315	1	014 NS 20317 000	
55,490	58,770	26,160									
55,480	58,750	24,130	1,60			M250	0,000	NB 20316	5		
55,490	58,770										

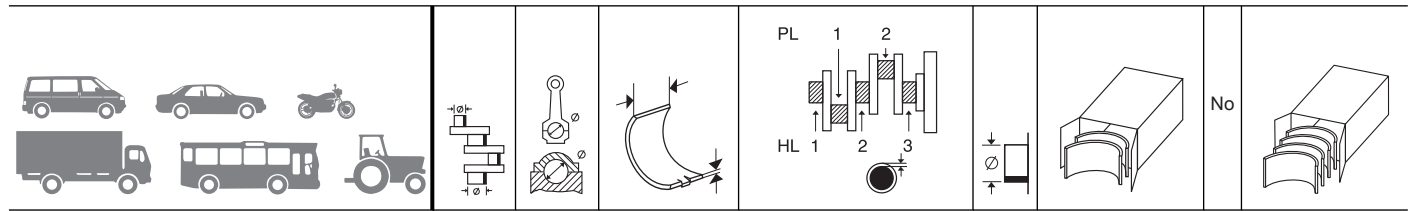
Ø 104,77 **76**

2713 E R 6 Diesel, 5948 cm³, 75 kW (102 PS), 16:1	84,200	98,750		2,346			M817	0,070	AL 20313	4	014 AS 20314 202
	84,450	99,000		3,407							
	76,215	80,429	26,290	2,071		0,039	M900	0,000	HL 20307	5	014 HS 20309 200
	76,230	80,444	26,670	2,08		0,087		0,508			220
	76,215	80,429	35,810	2,071		0,039	M900	0,000	HL 20308	2	
	76,230	80,444	36,190	2,08		0,087		0,508			
	76,205	80,429	26,420	2,07	1.2.3.5.6.	0,048	M157	0,000	HL 20310	5	014 HS 20312 200
	76,225	80,442	26,670	2,078		0,097		0,254			210
							0,508			220	
							0,762			230	
76,205	80,429	35,940	2,07	4.7.	0,048	M157	0,000	HL 20311	2		
76,225	80,442	36,190	2,078		0,097		0,254				
							0,508				
							0,762				
55,480	58,750	1,580	1,58			M250	0,000	NB 20315	1	014 NS 20317 000	
55,490	58,770	26,160									
55,480	58,750	24,130	1,60			M250	0,000	NB 20316	5		
55,490	58,770										
63,490	67,200	33,780	1,822		0,032	M157	0,000	PL 20453	6	014 PS 20454 200	
63,510	67,221	34,030	1,829		0,087		0,254			210	
							0,508			220	

Ø 104,78 **77**

110/6 AA-Dover R 6 Diesel, 5944 cm³, 81 kW (110 PS), 15,9:1, 12 Ventile 0711 01/1982...01/1996	84,200	98,750		2,31			M817	0,000	AL 20387	4	014 AS 20388 000
	84,450	99,000		2,36							
	36,502	39,700	37,050	1,79			M100	Semi	BB 20318	6	014 BS 20319 300
	36,510	39,751	37,590	1,89							
	76,205	80,429	26,420	2,07	1.2.3.5.6.	0,048	M157	0,000	HL 20310	5	014 HS 20312 200
	76,225	80,442	26,670	2,078		0,097		0,254			210
								0,508			220
								0,762			230
76,205	80,429	35,940	2,07	4.7.	0,048	M157	0,000	HL 20311	2		
76,225	80,442	36,190	2,078		0,097		0,254				
							0,508				
							0,762				
55,480	58,750	1,580	1,58			M250	0,000	NB 20315	1	014 NS 20317 000	
55,490	58,770	26,160									
55,480	58,750	24,130	1,60			M250	0,000	NB 20316	5		
55,490	58,770										
63,490	67,200	33,780	1,822		0,032	M157	0,000	PL 20453	6	014 PS 20454 200	
63,510	67,221	34,030	1,829		0,087		0,254			210	
							0,508			220	

01/1981...12/1985



Ø 104,78											78	
150/6 CA-Dover R 6 Diesel, 5944 cm³, 110 kW (150 PS), 15,7:1, Turbo, 12 Ventile 0915 01/1982...01/1996	76,215	80,429	26,290	2,071			0,039	M900	0,000	HL 20307	5	014 HS 20309 200 220
	76,230	80,444	26,670	2,08			0,087					
	76,215	80,429	35,810	2,071			0,039	M900	0,000	HL 20308	2	
	76,230	80,444	36,190	2,08			0,087					
	55,480	58,750	1,580	1,58				M250	0,000	NB 20315	1	014 NS 20317 000
55,490	58,770	26,160										
55,480	58,750	24,130	1,60				M250	0,000	NB 20316	5		
55,490	58,770											
66,655	70,879	33,660	2,075			0,036	M900	0,000	PL 20351	6	014 PS 20352 200	
66,675	70,891	34,010	2,084			0,086						

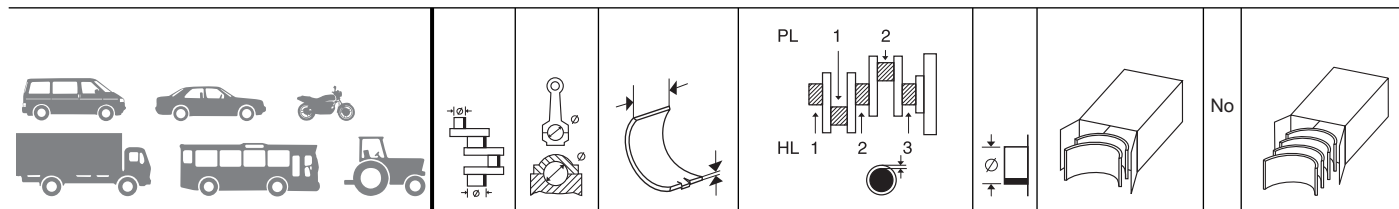
Ø 104,78											79	
2701 E, 2706 E R 4 Diesel, 3933 cm³, 15,7:1	84,200	98,750		2,346				M817	0,070	AL 20313	4	014 AS 20314 202
	84,450	99,000		3,407								
	76,205	80,429	26,420	2,07	1.2.4.		0,048	M157	0,000	HL 20310	3	014 HS 20289 200 210 220
	76,225	80,442	26,670	2,078			0,097		0,254 0,508			
76,205	80,429	35,940	2,07	3.5.		0,048	M157	0,000	HL 20311	2		
76,225	80,442	36,190	2,078			0,097		0,254 0,508				
66,655	70,878	33,780	2,076			0,035	M157	0,000	PL 20541	4	014 PS 20542 200	
66,675	70,891	34,030	2,084			0,084						

Ø 104,78											80	
2704 E, 2709 E R 6 Diesel, 5944 cm³, 106 kW (144 PS), 15,7:1	84,200	98,750		2,346				M817	0,070	AL 20313	4	014 AS 20314 202
	84,450	99,000		3,407								
	76,215	80,429	26,290	2,071			0,039	M900	0,000	HL 20307	5	014 HS 20309 200 220
	76,230	80,444	26,670	2,08			0,087		0,508			
	76,215	80,429	35,810	2,071			0,039	M900	0,000	HL 20308	2	
	76,230	80,444	36,190	2,08			0,087		0,508			
	76,205	80,429	26,420	2,07	1.2.3.5.6.		0,048	M157	0,000	HL 20310	5	014 HS 20312 200 210 220 230
	76,225	80,442	26,670	2,078			0,097		0,254 0,508 0,762			
	76,205	80,429	35,940	2,07	4.7.		0,048	M157	0,000	HL 20311	2	
	76,225	80,442	36,190	2,078			0,097		0,254 0,508 0,762			
55,480	58,750	1,580	1,58				M250	0,000	NB 20315	1	014 NS 20317 000	
55,490	58,770	26,160										
55,480	58,750	24,130	1,60				M250	0,000	NB 20316	5		
55,490	58,770											
63,490	67,200	33,780	1,822			0,032	M157	0,000	PL 20453	6	014 PS 20454 200 210 220	
63,510	67,221	34,030	1,829			0,087		0,254 0,508				

Ø 106,68											81	
56G R 4 Benzin, 3819 cm³	37,567	41,364	40,640	1,82				M5	Semi	BB 20240	4	014 BS 20241 300
	37,719	41,415	41,150									
	60,750	64,364	18,050	1,791				M23	0,000	NB 20665	5	014 NS 20666 000
60,780	64,389	19,550	1,816									

Ø 107,21											82.1	
130/7 AA-Dover R 6 Diesel, 6223 cm³, 94 kW (128 PS), 16:1, 12 Ventile 0712, 0713 1013 1113 05/1981...01/1987 01/1982...06/1994 01/1982...01/1996	84,200	98,750		2,31				M817	0,000	AL 20387	4	014 AS 20388 000
	84,450	99,000		2,36								
	36,502	39,700	37,050	1,79				M100	Semi	BB 20318	6	014 BS 20319 300
	36,510	39,751	37,590	1,89								
	76,205	80,429	26,420	2,07	1.2.3.5.6.		0,048	M157	0,000	HL 20310	5	014 HS 20312 200 210 220 230
	76,225	80,442	26,670	2,078			0,097		0,254 0,508 0,762			
	76,205	80,429	35,940	2,07	4.7.		0,048	M157	0,000	HL 20311	2	
	76,225	80,442	36,190	2,078			0,097		0,254 0,508 0,762			
	55,480	58,750	1,580	1,58				M250	0,000	NB 20315	1	014 NS 20317 000
	55,490	58,770	26,160									
55,480	58,750	24,130	1,60				M250	0,000	NB 20316	5		
55,490	58,770											

Fortsetzung nächste Seite / Continued on next page



Ø 107,21 - Fortsetzung / Continued

82.2

130/7 AA-Dover R 6 Diesel, 6223 cm³, 94 kW (128 PS), 16:1, 12 Ventile 0712, 0713 1013 1113	63,490	67,200	33,780	1,822		0,032	M157	0,000	PL 20453	6	014 PS 20454 200 210 220 <small>01/1981...12/1985</small>
	63,510	67,221	34,030	1,829				0,254 0,508			

Ø 107,21

83

2711 E R 4 Diesel, 4162 cm³, 77 - 94 kW (105 - 128 PS), 16,5:1	84,200	98,750		2,346			M817	0,070	AL 20313	4	014 AS 20314 202
	84,450	99,000		3,407							
2712 E R 4 Diesel, 4161 cm³, 55 kW (75 PS), 16,5:1	76,205	80,429	26,420	2,07	1.2.4.	0,048	M157	0,000	HL 20310	3	014 HS 20289 200 210 220
	76,225	80,442	26,670	2,078		0,097		0,254 0,508			
	76,205	80,429	35,940	2,07	3.5.	0,048	M157	0,000	HL 20311	2	
	76,225	80,442	36,190	2,078		0,097		0,254 0,508			
	66,655	70,878	33,780	2,076		0,035	M157	0,000	PL 20541	4	014 PS 20542 200
	66,675	70,891	34,030	2,084		0,084					

Ø 107,21

84

2715 E R 6 Diesel, 6224 cm³, 77 - 94 kW (105 - 128 PS), 16,5:1	84,200	98,750		2,346			M817	0,070	AL 20313	4	014 AS 20314 202
	84,450	99,000		3,407							
	36,502	39,700	37,050	1,79			M100	Semi	BB 20318	6	014 BS 20319 300
	36,510	39,751	37,590	1,89							
	76,205	80,429	26,420	2,07	1.2.3.5.6.	0,048	M157	0,000	HL 20310	5	014 HS 20312 200 210 220 230
	76,225	80,442	26,670	2,078		0,097		0,254 0,508 0,762			
	76,205	80,429	35,940	2,07	4.7.	0,048	M157	0,000	HL 20311	2	
	76,225	80,442	36,190	2,078		0,097		0,254 0,508 0,762			
	55,480	58,750	1,580	1,58			M250	0,000	NB 20315	1	014 NS 20317 000
	55,490	58,770	26,160								
	55,480	58,750	24,130	1,60			M250	0,000	NB 20316	5	
	55,490	58,770									
	66,655	70,879	33,660	2,075		0,036	M900	0,000	PL 20351	6	014 PS 20352 200
	66,675	70,891	34,010	2,084		0,086					

Ø 111,76

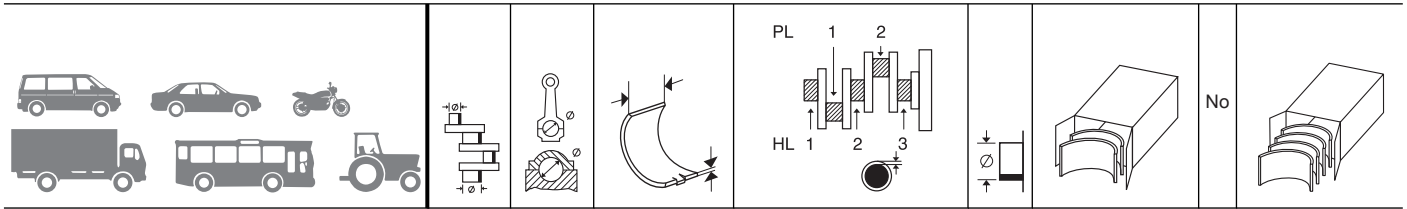
85

256 R 4 Benzin, 4196 cm³, 16,5:1	37,567	41,364	40,640	1,82			M5	Semi	BB 20240	4	014 BS 20241 300
	37,719	41,415	41,150								
BSD 442 R 4 Benzin, 4195 cm³	60,750	64,364	18,050	1,791			M23	0,000	NB 20665	5	014 NS 20666 000
	60,780	64,389	19,550	1,816							
BSD 444 R 4 Diesel, 4392 cm³, 59 - 60 kW (80 - 81 PS), 16,3:1, Hub 111.7mm											

Ø 111,76

86

BSD 444 T R 4 Diesel, 4392 cm³, 68 kW (92 PS), 15,6:1	60,750	64,364	18,050	1,791			M23	0,000	NB 20665	5	014 NS 20666 000
	60,780	64,389	19,550	1,816							

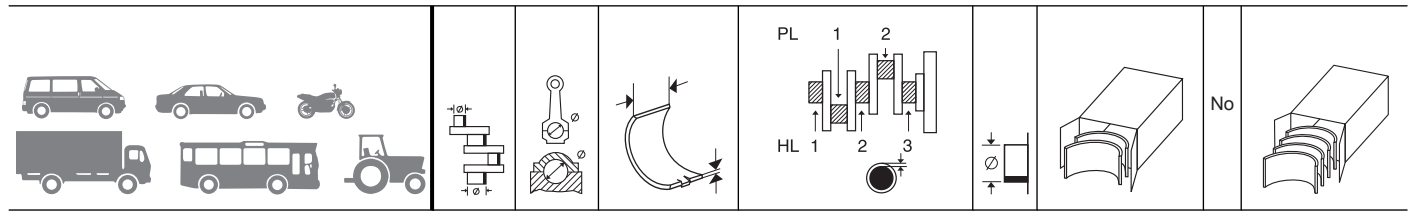


FORD AUSTRALIA

Ø 84,8

1

EDDB R 4 Benzin, 1988 cm ³ , 96 kW (131 PS), 10:1, 16 Ventile	57,980	62,287	24,600	2,248	3.	0,025	M810	0,250	FL 20668	1	014 HS 20669 025
	58,000	62,300	24,680	2,256		0,074					
	57,980	62,287	18,960	2,248	1.2.4.5.	0,025	M810	0,250	HL 20667	4	
	58,000	62,300	19,210	2,256		0,074					
	46,890	49,890	19,850	1,592		0,030	M810	0,250	PL 20661	4	014 PS 20662 025
	46,910	49,910	20,100	1,725		0,086					

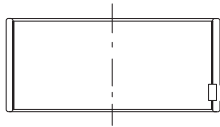


F50

Ø 76,5 1

A15SM R 4 Benzin, 1498 cm³, 63 kW (86 PS), 9,5:1, 8 Ventile LANOS 1.5 05/2004...10/2008	54,972	59,000	25,900	1,988		0,019	M114	0,000	FL 19222	1	011 HS 19223 000 025
	54,985	59,013		2,001		0,074		0,250			
	54,972	59,000	19,500	1,988		0,013	M114	0,000	HL 19221	4	
	54,985	59,013		2,001		0,065		0,250			
	42,971	46,000	16,600	1,484		0,019	M114	0,000	PL 19219	2	011 PS 19563 000 025 050
	42,987	46,012		1,497		0,074		0,250			
	42,971	46,000	16,630	1,497		0,019	M114	0,000	PL 19738	2	
	42,987	46,012				0,074		0,250			

PL 19219

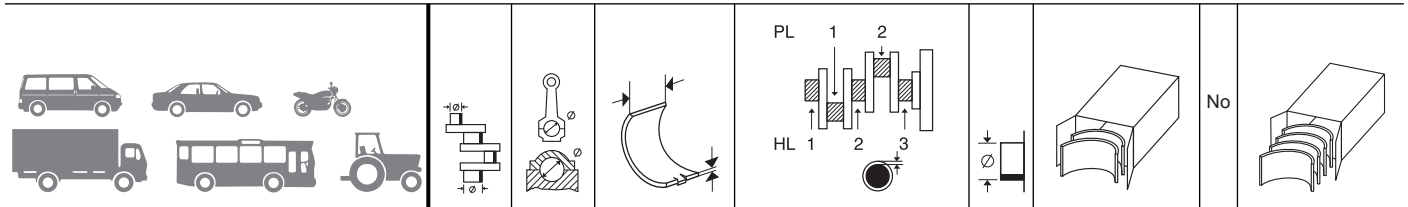


PL 19738



Ø 84 2

132 A1.000, 132 B1.000 R 4 Benzin, 1756 cm³, 77 - 82 kW (105 - 112 PS), 8,9:1, 8 Ventile	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200 210 220
53,005	56,730	24,250	1,841		0,079		0,254				
	52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841		0,079		0,254			
								0,508			

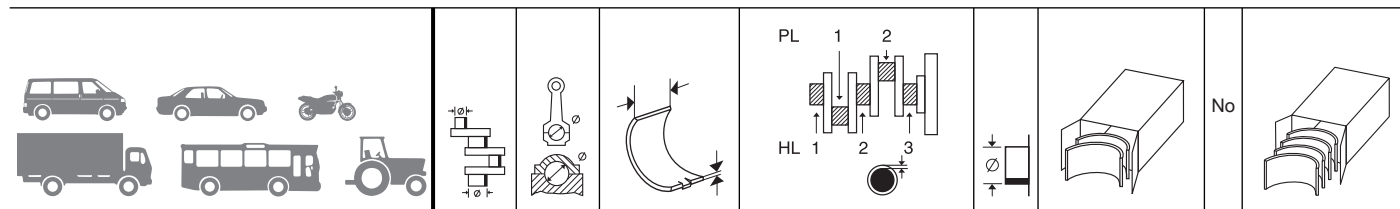


GINAF

Ø 130

1

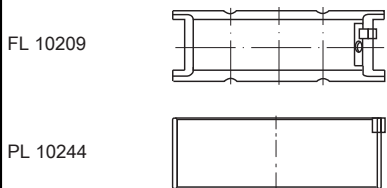
XE 250 C, XE 280 C, XE 315 C, XE 355 C, Euro 3 R 6 Diesel, 12583 cm ³ , 250 - 355 kW (340 - 483 PS), 16:1, Turbo, 4 Ventile 2223 L 10/1999...	97,990 98,010	103,073 103,099	38,900 39,100	2,484 2,496	1.	0,070 0,141	M800	0,000 0,250 0,500	HL 18206	1	213 HS 18657 000 025 050
	97,990 98,010	103,073 103,099	31,800 32,000	2,484 2,496	2.3.5.6.	0,070 0,141	M800	0,000 0,250 0,500	HL 18207	4	
	97,990 98,011	103,073 103,099	51,900 52,100	2,484 2,496	4.7.	0,070 0,141	M800	0,000 0,250 0,500	HL 18208	2	



HANOMAG-HENSCHEL

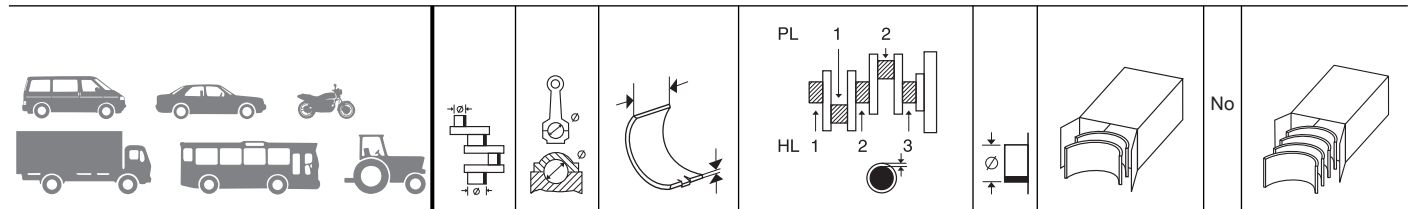
Ø 87 1

OM 615.915 R 4 Diesel, 1988 cm³, 40 kW (55 PS), 21:1, 8 Ventile	78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18742	2	001 AS 18744 000 010 020
	78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18743	2	
	26,000	29,000 29,021	31,800				M114	Semi	BB 18745	4	001 BS 18751 300
	69,955 69,965	74,500 74,519	33,820 33,880	2,255	3.	0,025 0,079	M157	0,000 0,250 0,500 1,000	FL 10209	1	001 HS 10618 000 025 050 100
	69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.	0,024 0,079	M157	0,000 0,250 0,500 1,000	HL 10117	4	
	69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.	0,024 0,079	M157	0,000 0,500	HL 10117	4	001 HS 10643 000 050
	69,955 69,965	74,500 74,519	27,000	2,255	3.	0,024 0,079	M157	0,000 0,500	HL 10263	1	
	51,955 51,965	55,600 55,619	26,000	1,805		0,024 0,079	M157	0,000 0,250 0,500 0,750	PL 10244	4	001 PS 10578 000 025 050 075



Ø 97 2

OM 314 R 4 Diesel, 3780 cm³, 63 kW (85 PS), 17:1, 8 Ventile	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	4	001 BS 10713 300
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	2.	0,016 0,105	M23	0,000 0,250	NB 10374	1	
	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	3.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,191 55,210	60,000 60,030	26,000	2,50 2,68	1.	0,016 0,105	M100	0,000 0,250	NB 18310	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500	PL 10304	4	001 PS 10680 000 025 050



HOLDEN

Ø 77,6

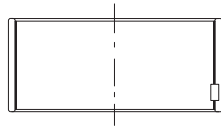
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C 14 NZ, C 14 SE, X 14 XE

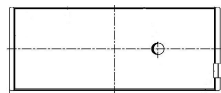
R 4 Benzin, 1389 cm³, 44 - 66 kW (60 - 90 PS), 9,4:1 - 10,5:1, 8 Ventile

54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	

PL 19219



PL 19738



Ø 79

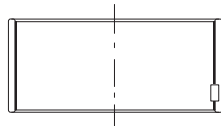
2

X 16 XE, X 16 XEL, Z 16 SE

R 4 Benzin, 1598 cm³, 62 - 80 kW (84 - 109 PS), 9,6:1 - 10,5:1, 16 Ventile

54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250	PL 19219	4	011 PS 19220 000 025

PL 19219



Ø 86

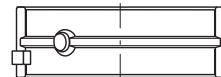
3

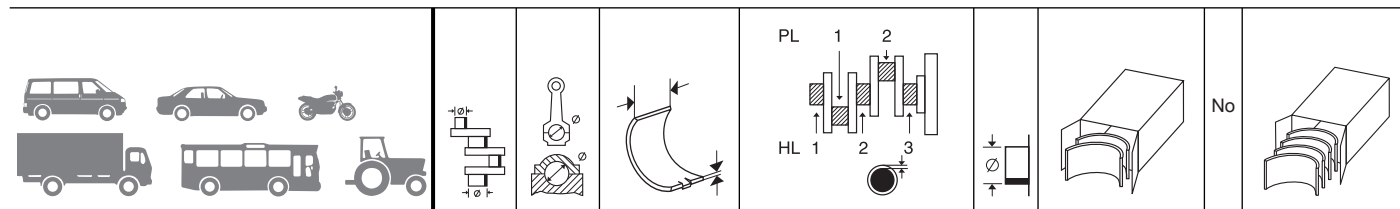
C 20 NE, C 20 XE

R 4 Benzin, 1998 cm³, 85 - 110 kW (115 - 150 PS), 9,2:1 - 10,5:1, 8 Ventile

57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
48,971 48,987	52,000 52,012	20,300	1,50		0,020 0,066	M114	0,000	PL 19224	4	011 PS 19225 000

HL 18119



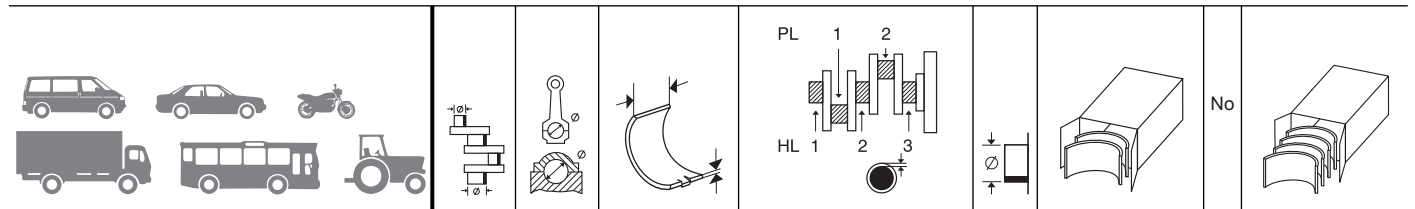


HONDA

Ø 80

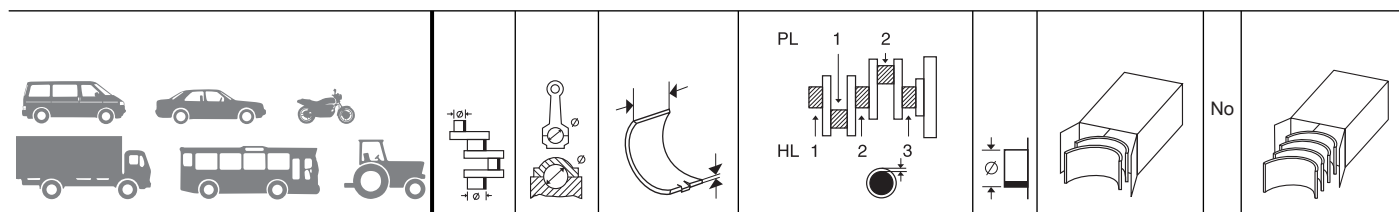
1

XUD 7 T R 4 Diesel, 1769 cm³, 57 - 65 kW (78 - 88 PS), 22:1, Turbo	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000
	50,000	53,708				0,092		0,300			030
	25,007	27,000	24,050			M114	Semi		BB 18760	4	039 BS 18761 300
	25,020	27,021									
	28,007	30,202	23,550	1,38		M100	Semi		BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							



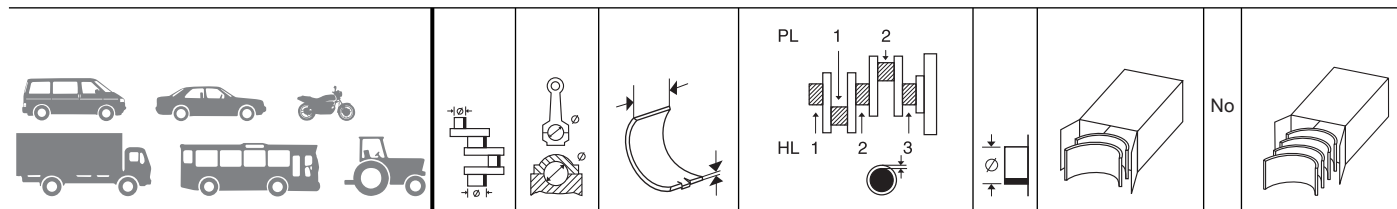
HYUNDAI

											1
Ø 73											1
4G33 R 4 Benzin, 1439 cm³, 50 kW (68 PS), 9:1, 8 Ventile PONY 1.4 STELLAR 1.4	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
Ø 80,6											2
4G62 R 4 Benzin, 1796 cm³, 60 - 87 kW (82 - 118 PS), 8 Ventile SONATA I 1.8 I	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
Ø 81,5											3
G4CN R 4 Benzin, 1836 cm³, 93 kW (127 PS) LANTRA I 1.8 I	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
Ø 82,3											4
4G61 R 4 Benzin, 1599 cm³, 84 kW (114 PS), 9,7:1, 16 Ventile COUPE 1.6 I LANTRA II 1.6	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
Ø 83											5
DJY R 4 Diesel, 1905 cm³, 50 - 52 kW (68 - 71 PS), 23,5:1, 8 Ventile LANTRA II 1.9 D	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	49,984 50,000	53,695 53,708	20,050	1,83		0,035 0,089	M157	0,000 0,300	PL 18030	4	039 PS 18037 000 030
Ø 85											6
G4CP, G4CP-D, G4CP-DM R 4 Benzin, 1997 cm³, 77 - 102 kW (105 - 139 PS), 8,9:1 - 9:1, 8 Ventile MARCIA 2.0 SANTAMO 2.0 SONATA I 2.0 I SONATA II 2.0 I	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
Ø 86,5											7
G4CS R 4 Benzin, 2351 cm³, 82 - 90 kW (112 - 122 PS), 8,5:1, 8 Ventile GRACE 2.4 H-1 2.4 H100 2.4 SONATA I 2.4 I STAREX 2.4	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
Ø 91,1											8
4D56T, D4BA, D4BX R 4 Diesel, 2477 cm³, 54 - 70 kW (73 - 95 PS), 21:1 GALLOPER I 2.5 TD GALLOPER II 2.5 TD	65,979 66,000	70,000 70,021	30,950	1,99		0,012 0,078	M780	0,000 0,250	FL 19902	1	676 HS 19862 000 025
	65,979 66,000	70,000 70,021	25,130	1,99		0,012 0,078	M780	0,000 0,250	HL 19865	4	
H100 2.5 D H100 2.5 TD PORTER 2.5 TD	52,973 53,000	56,007 56,021	25,130	1,743		0,021 0,076	M157	0,500	PL 19864	4	676 PS 19861 050
D4BH R 4 Diesel, 2476 cm³, 59 - 74 kW (80 - 101 PS), 21:1 GALLOPER II 2.5 D H-1 2.5 TD H-1 2.5 TD 4WD PORTER 2.5 TD PORTER PICK-UP 2.5 TD TERRACAN 2.5 TD											



INNOCENTI

Ø 65											1
100 GL.064 R 4 Benzin, 903 cm ³ , 33 kW (45 PS), 9:1, 8 Ventile KORAL 45 01/1990...12/1992	39,988 40,008	43,657 43,670	16,550	1,81		0,023 0,068	M157	0,000 0,254	PL 20523	4	007 PS 20524 200 210
Ø 80,5											2
146 C5.000, 146 D5.000 R 4 Benzin, 1372 cm ³ , 49 kW (67 PS), 9,2:1, 8 Ventile ELBA 1.4 I.E. 09/1994...12/1996	50,780 50,800	54,507 54,520	20,250	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20624	4	007 HS 20626 200 210 220
	50,780 50,800	54,507 54,520	22,750	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20625	1	
	45,508 45,528	48,629 48,646	18,950 19,200	1,534 1,542		0,017 0,070	M157	0,000 0,508	PL 20347	4	007 PS 20348 200 220
Ø 82,6											3
146 B 2.000 R 4 Diesel, 1698 cm ³ , 43 - 44 kW (58 - 60 PS), 20:1, Hub 79.2mm ELBA 1.7 D 08/1991...12/1996	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18538	1	
	52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18588	4	
Ø 86,4											4
146 C6.000, 146 D6.000 R 4 Diesel, 1580 cm ³ , 55 kW (75 PS), 9,2:1 ELBA 1.6 I.E. 09/1994...12/1996	50,780 50,800	54,507 54,520	20,250	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20624	4	007 HS 20626 200 210 220
	50,780 50,800	54,507 54,520	22,750	1,85		0,017 0,064	M157	0,000 0,254 0,508	HL 20625	1	
149 C1.000 R 4 Benzin, 1498 cm ³ , 55 kW (75 PS), 9,2:1 ELBA 1.5 I.E. 08/1992...09/1994	45,508 45,528	48,629 48,646	18,950 19,200	1,534 1,542		0,017 0,070	M157	0,000 0,508	PL 20347	4	007 PS 20348 200 220



IRMSCHER

Ø 79

1

X 16 XE

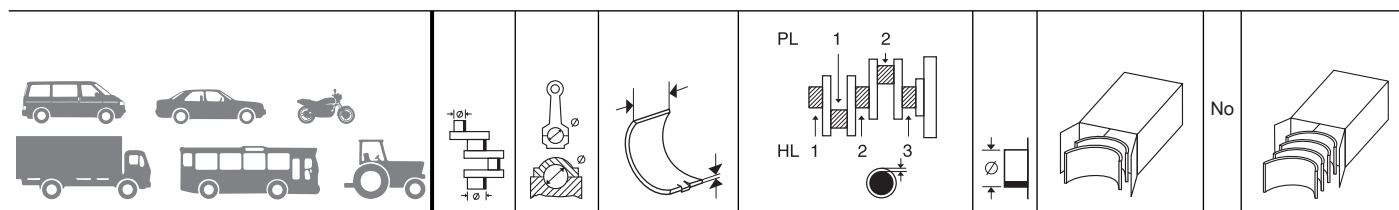
R 4 Benzin, 1598 cm³, 78 kW (106 PS), 10:1,
16 Ventile
COUPE 1.6 l

01/1997...

54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250	PL 19219	4	011 PS 19220 000 025

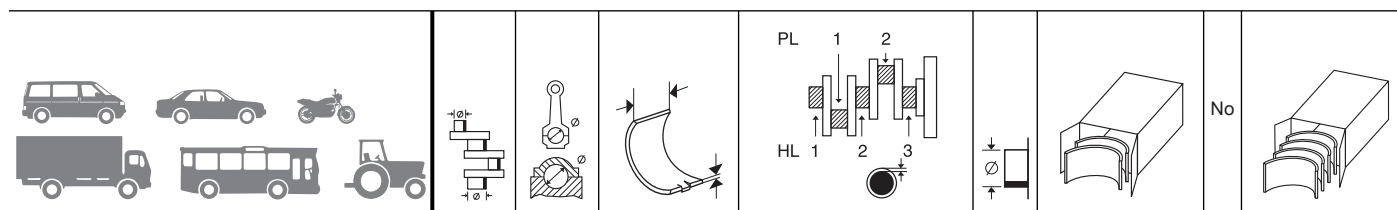
PL 19219





ISUZU

											1
Ø 76											1
4EC1 R 4 Diesel, 1488 cm ³ , 37 kW (50 PS), 23:1, 8 Ventile GEMINI 1.5 D 02/1988...12/1990	45,945	48,980 49,000	16,830	1,506			M780	0,000 0,250 0,500	PL 19889	4	629 PS 19886 000 025 050
Ø 76											2
4EC1T R 4 Diesel, 1488 cm ³ , 49 - 54 kW (67 - 73 PS), 22,5:1, Turbo, 8 Ventile GEMINI 1.5 TD 02/1988...12/1990	59,000 59,250	73,596 73,850		2,21			M817	0,000	AL 19900	2	629 AS 19901 000
	45,945	48,980 49,000	16,830	1,506			M780	0,000 0,250 0,500	PL 19889	4	629 PS 19886 000 025 050
Ø 86											3
C 20 NE R 4 Benzin, 1998 cm ³ , 85 kW (115 PS), 16 Ventile	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	20,300	1,50		0,020 0,066	M114	0,000	PL 19224	4	011 PS 19225 000
	HL 18119										
Ø 93											4
4JB1 R 4 Diesel, 2771 cm ³ , 42 - 74 kW (57 - 101 PS), Hub 102mm, 8 Ventile NHR 55 E	69,920 69,930	73,975 74,000	23,030	2,129		0,037 0,098	M780	0,250	HL 19899	5	629 HS 19895 025
	52,930	56,000	25,830	1,513			M780	0,000 0,500	PL 19897	4	629 PS 19894 000 050
Ø 93											5
4JB1-TC R 4 Diesel, 2771 cm ³ , 78 - 85 kW (106 - 116 PS), 17,5:1 NHR 150 09/2008... TROOPER 2.8 TD 10/1988...12/1991	69,920 69,930	73,975 74,000	23,030	2,129		0,037 0,098	M780	0,250	HL 19899	5	629 HS 19895 025
Ø 95,4											6
4JG2T R 4 Diesel, 3059 cm ³ , 80 - 85 kW (109 - 116 PS), 20:1, Turbo, LLK, 8 Ventile TROOPER 3.1 TD 08/1991...07/1998	69,920 69,930	73,975 74,000	23,030	2,129		0,037 0,098	M780	0,250	HL 19899	5	629 HS 19895 025



IVECO

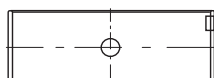
Ø 93 1

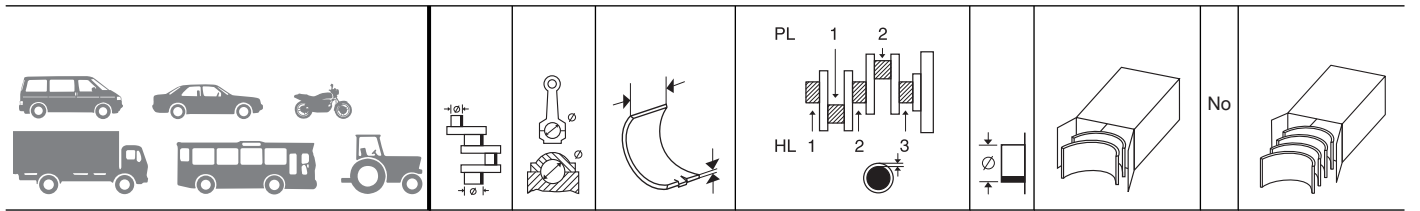
8140.07.2700, .07.2712 R 4 Diesel, 2499 cm³, 55 kW (75 PS), 18:1, 8 Ventile 30-8 01/1989...08/1998	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1994</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>...12/1992</small>

Ø 93 2

8140.21.200 R 4 Diesel, 2445 cm³, 68 kW (92 PS), 18:1, 8 Ventile 45-10 01/1985...12/1989	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1995</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220 <small>01/1978...12/1982</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1982...12/1992</small>

PL 20223





Ø 93 3

8140.21.214 R 4 Diesel, 2445 cm³, 77 kW (105 PS), 18:1, 8 Ventile 8140.27.218 R 4 Diesel, 2499 cm³, 76 kW (103 PS), 18,5:1, 8 Ventile	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1994</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220 <small>01/1978...12/1982</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1983...12/1992</small>

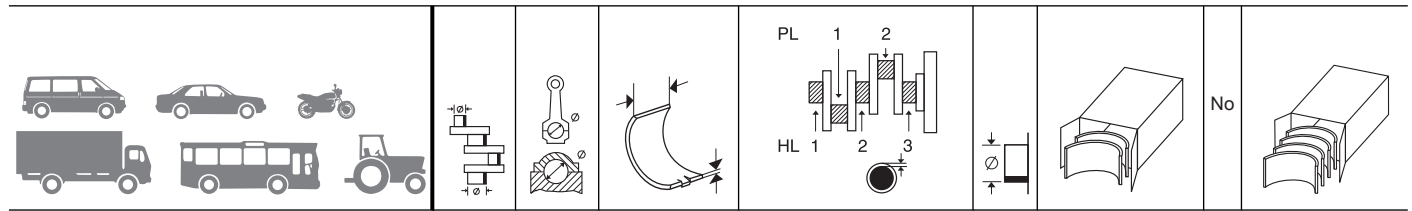


Ø 93 4

8140.27.2700, .47.2700, .47.2721 R 4 Diesel, 2499 cm³, 76 - 85 kW (103 - 115 PS), 18,5:1, Turbo, 8 Ventile 35-12 01/1990...04/1996 49-10 01/1989...05/1996 49-12 06/1990...04/1996 59-12 05/1991...04/1996 8140.47.2711, Euro 1 R 4 Diesel, 2445 cm³, 85 kW (116 PS), 18,5:1, Hub 90mm, Turbo, LLK, 8 Ventile 49-12 06/1990...04/1996 59-12 05/1991...04/1996	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210

Ø 93 5

8140.27 S R 4 Diesel, 2445 cm³, 68 kW (92 PS), 18:1, 8 Ventile 40-10 01/1985...12/1989	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210



Ø 93 **6**

8140.47R R 4 Diesel, 2499 cm³, 80 kW (109 PS), 18:1, 8 Ventile 35-10 01/1989...08/1998	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210

Ø 93 **7**

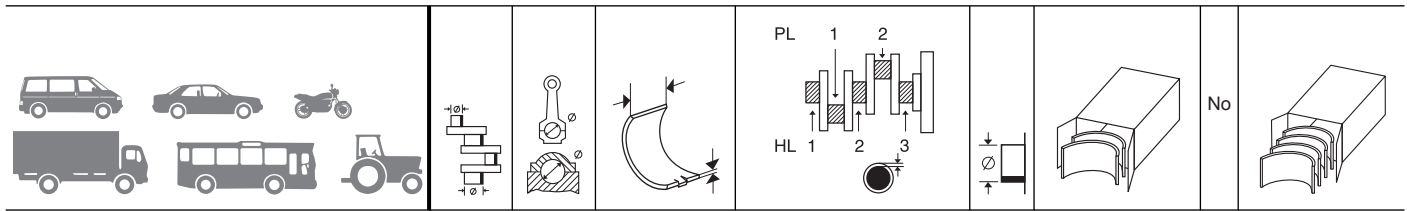
8140.61.200 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 21:1 35-8 40-8 01/1978...12/1989 01/1983...06/1989	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220 <small>...12/1981</small>
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210 <small>01/1982...12/1992</small>

PL 20223

Ø 93 **8.1**

8140.67F. R 4 Diesel, 2449 cm³, 60 kW (82 PS), 21:1, 8 Ventile 30-8 01/1989...08/1998 8140.97.2781 R 4 Diesel, 2499 cm³, 68 kW (92 PS), 18:1 35-10 01/1989...08/1998	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1994</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	

Fortsetzung nächste Seite / Continued on next page



Ø 93 - Fortsetzung / Continued

8.2

8140.67F. R 4 Diesel, 2449 cm³, 60 kW (82 PS), 21:1, 8 Ventile 30-8 01/1989...08/1998	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200 210 220 ...12/1992	
	76,200	80,607	31,950	2,172		0,094		0,254				
	8140.97.2781 R 4 Diesel, 2499 cm³, 68 kW (92 PS), 18:1 35-10 01/1989...08/1998	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4	
		76,200	80,607	25,000	2,172		0,094		0,254			
56,506		60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220 01/1993...	
56,534	60,348	24,690	1,884		0,092		0,254					
56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210 ...12/1992		
56,535	60,345	24,700	1,871		0,075		0,254					

Ø 93

9

8140.67F. 3701, .67F.3710, .67F.3711, .67F.3713, .67F.3721 R 4 Diesel, 2499 cm³, 60 kW (82 PS), 21:1, 8 Ventile 30-8 35-8 01/1989...08/1998 01/1991...08/1998	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300	
	31,996	34,920	30,700	1,75								
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1		007 HS 20359 200 210 220 230
	86,208	90,614	30,950	2,174		0,104		0,254				
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4		
80,208	84,614	23,800	2,174		0,102		0,254					
56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220		
56,535	60,345	24,700	1,899		0,075		0,254					

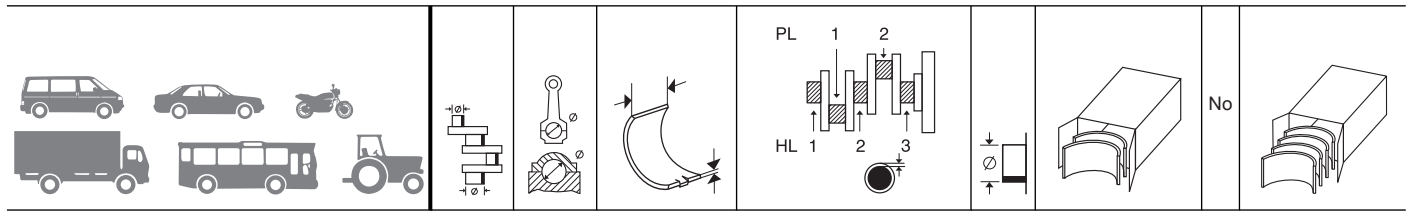
PL 20223

Ø 93

10

8144.61.200 R 4 Diesel, 2445 cm³, 53 kW (72 PS), 22:1	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300	
	31,996	34,920	30,700	1,75								
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1		007 HS 20359 200 210 220 230
	86,208	90,614	30,950	2,174		0,104		0,254				
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4		
	80,208	84,614	23,800	2,174		0,102		0,254				
	76,171	80,587	31,900	2,164	5.	0,032	M900	0,000	FL 20369	1		007 HS 20370 200 210 220
	76,200	80,616	31,950	2,174		0,104		0,254				
	76,171	80,587	24,610	2,164	1.2.3.4.	0,039	M900	0,000	HL 20368	4		
	76,200	80,616	24,990	2,174		0,117		0,254				
	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1		007 HS 20379 200 210 220
	76,200	80,607	31,950	2,172		0,094		0,254				
	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4		
	76,200	80,607	25,000	2,172		0,094		0,254				
56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220		
56,534	60,348	24,690	1,884		0,092		0,254					
56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220		
56,535	60,345	24,700	1,899		0,075		0,254					
56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210		
56,535	60,345	24,700	1,871		0,075		0,254					

PL 20223



Ø 94,4

11

8140.23., .43N, .63. R 4 Diesel, 2798 cm³, 62 - 107 kW (84 - 146 PS), 18,5:1 - 21,7:1 30-10 30-8 35-10 40-10 45-10 29 L 9 40 C 15 50 C 15	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							<small>403) 344183</small>
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200
	86,208	90,614	30,950	2,174				0,254			210
								0,508			220
								0,762			230
01/1997...05/1999	86,182	90,588	30,870	2,164							
09/1998...05/1999	86,208	90,614	30,950	2,174							
01/1996...05/1999											
09/1996...05/1999											
05/1996...05/1999	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
05/1999...04/2006	80,208	84,614	23,800	2,174				0,254			
11/2001...04/2006								0,508			
01/2001...04/2006								0,762			
	56,506	60,333	24,430	1,875			M900	0,000	PL 20181	4	007 PS 20182 200
	56,534	60,348	24,690	1,884				0,254			210
								0,508			220

Ø 94,4

12

8140.23.3700, .23.3701, .23.3710, .23.3711, .23.3713, .23.3720, .23.3721, .23.3730, .23.3731, .23.3750, .23.3751, .23.3760, .43.2585, Euro 2 R 4 Diesel, 2798 cm³, 76 - 90 kW (103 - 122 PS), 18,5:1, Turbo, LLK, 8 Ventile	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							<small>403) 344183</small>
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200
	86,208	90,614	30,950	2,174				0,254			210
								0,508			220
								0,762			230
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
	80,208	84,614	23,800	2,174				0,254			
								0,508			
								0,762			
	56,506	60,333	24,430	1,875			M900	0,000	PL 20181	4	007 PS 20182 200
	56,534	60,348	24,690	1,884				0,254			210
								0,508			220

Ø 94,4

13

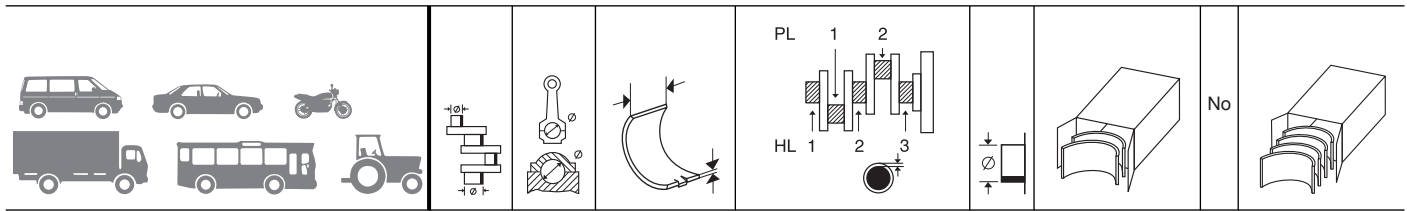
8140.43B, .43R R 4 Diesel, 2798 cm³, 66 kW (90 PS), 18,5:1, 8 Ventile 29 L 11 29 L 9	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							<small>403) 344183</small>
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200
	86,208	90,614	30,950	2,174				0,254			210
								0,508			220
								0,762			230
05/1999...04/2006	86,182	90,588	30,870	2,164							
11/2001...04/2006	86,208	90,614	30,950	2,174							
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
	80,208	84,614	23,800	2,174				0,254			
								0,508			
								0,762			
	56,520	60,333	24,450	1,861			M900	0,000	PL 20349	4	007 PS 20350 200
	56,535	60,345	24,700	1,871				0,254			210

Ø 94,4

14.1

8140.43C, Euro 2 R 4 Diesel, 2798 cm³, 78 kW (106 PS), 8 Ventile 35 S 11, 35 C 11	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300	
	31,996	34,920	30,700	1,75							<small>403) 344183</small>	
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200	
	86,208	90,614	30,950	2,174				0,254			210	
								0,508			220	
								0,762			230	
		80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
		80,208	84,614	23,800	2,174				0,254			
									0,508			
									0,762			
	76,171	80,587	31,900	2,164	5.	0,032	M900	0,000	FL 20369	1	007 HS 20370 200	
	76,200	80,616	31,950	2,174				0,254			210	
								0,508			220	
											<small>01/1993...12/1995</small>	
	76,171	80,587	24,610	2,164	1.2.3.4.	0,039	M900	0,000	HL 20368	4		
	76,200	80,616	24,990	2,174				0,254				
								0,508				
	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200	
	76,200	80,607	31,950	2,172				0,254			210	
								0,508			220	
											<small>...12/1992</small>	
	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4		
	76,200	80,607	25,000	2,172				0,254				
								0,508				

Fortsetzung nächste Seite / Continued on next page



Ø 94,4 - Fortsetzung / Continued

14.2

8140.43C , Euro 2 R 4 Diesel, 2798 cm³, 78 kW (106 PS), 8 Ventile 35 S 11, 35 C 11 05/1999...04/2006	56,506	60,333	24,430	1,875			0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>	
	56,534	60,348	24,690	1,884			0,092		0,254				0,508
	56,520	60,333	24,450	1,889			0,028	M900	0,000	PL 20223	4		007 PS 20224 200 210 220 <small>01/1978...12/1982</small>
56,535	60,345	24,700	1,899			0,075		0,254				0,508	
56,520	60,333	24,450	1,861			0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210 <small>01/1982...12/1992</small>		
56,535	60,345	24,700	1,871			0,075		0,254				0,508	
PL 20223													

Ø 94,4

15

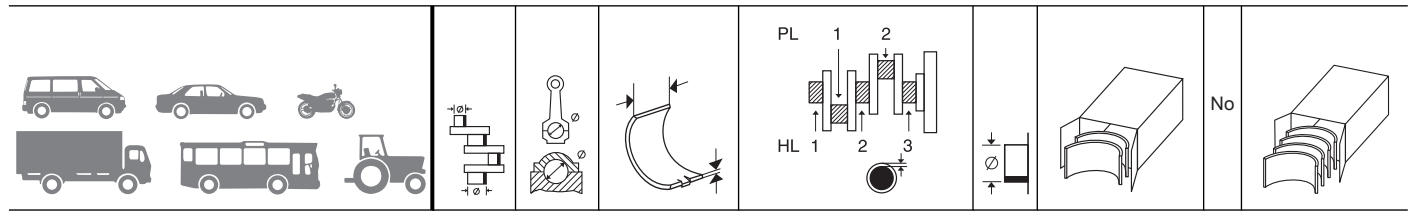
8140.43S R 4 Diesel, 2798 cm³, 92 kW (125 PS), 18,5:1, 8 Ventile 29 L 13 50 C 13 05/2001...04/2006 05/1999...04/2006	31,990	34,895	30,200	1,70				M5	Semi	BB 20393	4	007 BS 20394 300 210 220 230	
	31,996	34,920	30,700	1,75									
	86,182	90,588	30,870	2,164	5		0,032	M114	0,000	FL 20358	1		
	86,208	90,614	30,950	2,174			0,104		0,254				0,508
	80,182	84,588	23,550	2,164	1,2,3,4		0,032	M114	0,000	HL 20357	4		0,762
	80,208	84,614	23,800	2,174			0,102		0,254				0,508
	76,171	80,587	31,900	2,164	5.		0,032	M900	0,000	FL 20369	1		0,508
	76,200	80,616	31,950	2,174			0,104		0,254				0,508
	76,171	80,587	24,610	2,164	1.2.3.4.		0,039	M900	0,000	HL 20368	4		0,508
	76,200	80,616	24,990	2,174			0,117		0,254				0,508
76,187	80,587	31,880	2,159	5.		0,043	M900	0,000	FL 20378	1	0,508		
76,200	80,607	31,950	2,172			0,094		0,254			0,508		
76,187	80,587	24,600	2,163	1.2.3.4.		0,043	M900	0,000	HL 20377	4	0,508		
76,200	80,607	25,000	2,172			0,094		0,254			0,508		
56,506	60,333	24,430	1,875			0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220		
56,534	60,348	24,690	1,884			0,092		0,254			0,508		
56,520	60,333	24,450	1,889			0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220		
56,535	60,345	24,700	1,899			0,075		0,254			0,508		
56,520	60,333	24,450	1,861			0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210		
56,535	60,345	24,700	1,871			0,075		0,254			0,508		
PL 20223													

Ø 102

16.1

F4L 913, F 4L 913 R 4 Diesel, 4086 cm³, 34 - 60 kW (46 - 80 PS), 18:1, 8 Ventile 80D7FS 75-9 80-9 01/1971... 01/1983...08/1985 01/1983...02/1986	79,300	94,964		2,95				M157	0,000	AL 18734	1	099 AS 18740 000 025 050	
				3,00					0,250				0,500
	79,300	94,964		2,95				M157	0,000	AL 18735	1		0,250
				3,00					0,250				0,500
	79,300	101,964		2,95				M157	0,000	AL 18736	1		0,250
				3,00					0,250				0,500
	79,300	101,964		2,95				M157	0,000	AL 18737	1		0,250
			3,00					0,250			0,500		
79,300	94,974		2,95				M114	0,000	AL 18738	2	099 AS 18741 000		
			3,00					0,000			0,000		
79,300	101,964		2,95				M114	0,000	AL 18739	2			
			3,00					0,000			0,000		

Fortsetzung nächste Seite / Continued on next page

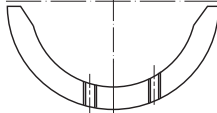


Ø 102 - Fortsetzung / Continued

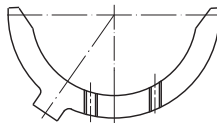
16.2

F4L 913, F 4L 913 R 4 Diesel, 4086 cm³, 34 - 60 kW (46 - 80 PS), 18:1, 8 Ventile 80D7FS 75-9 80-9	01/1971...	69,971 69,990	74,500 74,519	27,000	2,229		0,052 0,115	M114	0,000 0,250 0,500 0,750	099 HL 10199 000 025 050 075	5	099 HS 10529 000 025 050 075
	01/1983...08/1985 01/1983...02/1986	59,941 59,960	64,000 64,019	25,000	2,00		0,039 0,103	M114	0,000 0,250 0,500 0,750 1,000	099 PL 10198 000 025 050 075 100	4	099 PS 10523 000 025 050 075 100

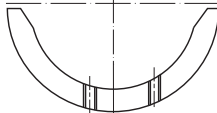
AL 18734



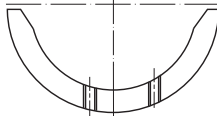
AL 18737



AL 18738



AL 18739



Ø 103

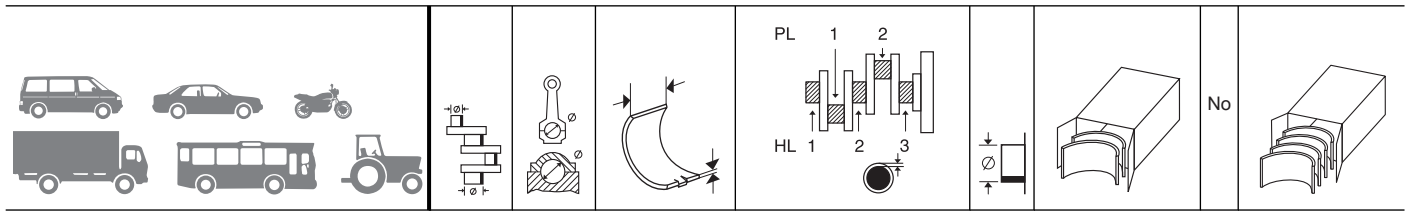
17

8040.04.200 R 4 Diesel, 3666 cm³, 63 kW (86 PS), 17:1, 8 Ventile 50-8 60-8	01/1983...12/1986	85,090 85,340	106,550 106,800		3,38 3,43		M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	11/1979...12/1983	76,187 76,200	80,587 80,607	24,610 24,990	2,163 2,172		0,043 0,094	M900	0,000 0,254 0,508 0,762	5	007 HL 20197 200 210 220 230 <small>01/1980...</small>
		58,730 58,743	62,408 62,420	28,320 28,700	1,806 1,815		0,035 0,078	M900	0,000 0,254 0,508 0,762	4	007 PS 20199 200 210 220 230 <small>01/1980...</small>

Ø 103

18

8060.04.060, .04.660, .04.669, .04.689, .24.601 R 6 Diesel, 5500 cm³, 96 - 124 kW (131 - 169 PS), 17:1, 12 Ventile 115-17 109-14 79-13 79-14 95-14	09/1983...12/1985	85,090 85,340	106,550 106,800		3,38 3,43		M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	06/1983...12/1985	50,975 51,000	54,780 54,805	27,600 28,000	1,60		M157	0,000	NB 20401	1	007 NS 20406 000
	11/1979...12/1983	50,475 50,500	54,280 54,305	27,600 28,000	1,60		M157	0,000	NB 20403	1	
	01/1983...11/1985	49,975 50,000	53,780 53,805	23,600 24,000	1,60		M157	0,000	NB 20404	1	
	07/1983...03/1991	51,470 51,500	55,280 55,300	27,600 28,000	1,60		M157	0,000	NB 20405	1	
		76,187 76,200	80,587 80,607	24,610 24,990	2,163 2,172		0,043 0,094	M900	0,000 0,254 0,508 0,762 1,016	7	007 HL 20197 200 210 220 230 240
		58,730 58,743	62,408 62,420	28,320 28,700	1,806 1,815		0,035 0,078	M900	0,000 0,254 0,508 0,762 1,016	6	007 PL 20185 200 210 220 230 240



Ø 103 **19**

8062.24.070 R 6 Diesel, 5499 cm³, 118 kW (160 PS)	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200
	85,340	106,800		3,43							<small>403</small> 645691
	76,187 76,200	80,587 80,607	24,610 24,990	2,163 2,172		0,043 0,094	M900	0,000 0,254 0,508 0,762 1,016	007 HL 20197 200	7	
58,730 58,743	62,408 62,420	28,320 28,700	1,806 1,815		0,035 0,078	M900	0,000 0,254 0,508 0,762 1,016	007 PL 20185 200	6		

Ø 104 **20**

8040.05.200, .05.203, .05.230, .05.233, .05.235 R 4 Diesel, 3908 cm³, 65 kW (88 PS), 17:1, 8 Ventile 50-9 A 60-9 01/1987...03/1991 09/1988...12/1992	79,781	84,200	24,610	2,169		0,045	M900	0,000	007 HL 20195 200	5	007 HS 20494 200
	79,799	84,230	24,990	2,178		0,111		0,254 0,508 0,762	210 220 230		210 220 230
	63,725 63,744	67,407 67,422	28,320 28,700	1,806 1,815		0,033 0,085	M900	0,000 0,254	007 PL 20183 200	4	007 PS 20496 200
79,791 79,810	84,200 84,230	24,610 24,990	2,169 2,178		0,034 0,101	M900	0,000 0,254 0,508 0,762 1,016	007 HL 20334 200	5		

Ø 104 **21**

8040.25B.4200, 8040.45.4010, .45.4020, .45.4030, .45.4035, .45.4050 R 4 Diesel, 3908 cm³, 75 - 100 kW (102 - 136 PS), 17:1 - 17,7:1, Turbo 60 E 10 65 E 10 01/1991...08/1996 01/1991...12/1996	79,781	84,200	24,610	2,169		0,045	M900	0,000	007 HL 20195 200	5	007 HS 20494 200
	79,799	84,230	24,990	2,178		0,111		0,254 0,508 0,762	210 220 230		210 220 230
	63,725 63,744	67,407 67,422	28,320 28,700	1,806 1,815		0,033 0,085	M900	0,000 0,254	007 PL 20183 200	4	007 PS 20496 200
79,791 79,810	84,200 84,230	24,610 24,990	2,169 2,178		0,034 0,101	M900	0,000 0,254 0,508 0,762 1,016	007 HL 20334 200	5		

Ø 104 **22**

8040.25B.4220, 8040.45 R 4 Diesel, 3908 cm³, 75 - 100 kW (102 - 136 PS), 17:1 - 17,7:1, 8 Ventile 75 E 14 09/2006...	63,725	67,407	28,320	1,806		0,033	M900	0,000	007 PL 20183 200	4	007 PS 20496 200
	63,744	67,422	28,700	1,815		0,085		0,254	210		210
	38,004 38,014	41,846 41,884	28,000 34,000				M5	Semi	007 BB 20632 300	4	
79,791 79,810	84,200 84,230	24,610 24,990	2,169 2,178		0,034 0,101	M900	0,000 0,254 0,508 0,762 1,016	007 HL 20334 200	5		

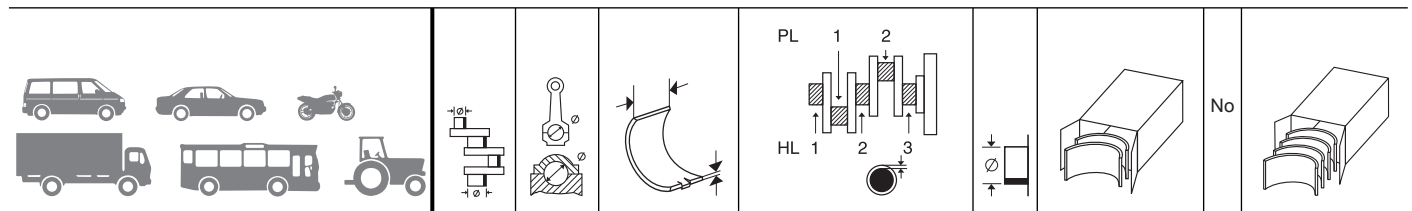
Ø 104 **23**

8040.45X.4180 R 4 Diesel, 3908 cm³, 100 kW (136 PS), 8 Ventile 8060.45.5200, .45.5201, .45.5203, .45.5205, .45.5220, .45.5221, .45.5223, .45.5232, .45.5233, .45.5234, .45.5235, .45.5250, .45.5251, .45.5255, 8060.45S.7200, Euro 2 R 6 Diesel, 5861 cm³, 151 - 167 kW (206 - 227 PS), 18:1, Turbo, 12 Ventile 120 E 23 95 E 21 01/1992... 11/1993... 8060.45S.6710, .45S.7215, Euro 1 R 6 Diesel, 5863 cm³, 167 kW (227 PS), 17:1 - 18:1, Turbo, LLL, 12 Ventile	63,725	67,407	28,320	1,806		0,033	M900	0,000	007 PL 20183 200	4	007 PS 20496 200
	63,744	67,422	28,700	1,815		0,085		0,254	210		210
	79,791 79,810	84,200 84,230	24,610 24,990	2,169 2,178		0,034 0,101	M900	0,000 0,254 0,508 0,762 1,016	007 HL 20334 200	5	

Ø 104 **24.1**

8060.45S.6700 R 6 Diesel, 5861 cm³, 167 kW (227 PS), 17:1, 12 Ventile	63,725	67,407	28,320	1,806		0,033	M900	0,000	007 PL 20183 200	4	007 PS 20496 200
	63,744	67,422	28,700	1,815		0,085		0,254	210		210
	38,004 38,014	41,846 41,884	28,000 34,000				M5	Semi	007 BB 20632 300	6	

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Ø 104 - Fortsetzung / Continued **24.2**

8060.45S.6700 R 6 Diesel, 5861 cm³, 167 kW (227 PS), 17:1, 12 Ventile	79,791 79,810	84,200 84,230	24,610 24,990	2,169 2,178		0,034 0,101	M900	0,000 0,254 0,508 0,762 1,016	007 HL 20334 200 210 220 230 240	7	
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Ø 104 **25**

F4CE9484 C/E/F 6 Diesel, 4485 cm³, 74 - 83 kW (100 - 112 PS), 17,5:1	68,987 69,013	72,987 73,013	26,870 27,130	1,955 1,968		0,038 0,116	M157	0,000	PL 21016	4	257 PS 21017 000
F4GE0454A, F4GE0484C R 4 Diesel, 4485 cm³, 74 - 94 kW (101 - 128 PS), 17,5:1, 8 Ventile											
F4GE0455A, F4GE0455B, F4GE0485A, F4GE0485C, F4GE9454H 6 Diesel, 4485 cm³, 74 - 98 kW (100 - 133 PS), 17,5:1											
F4GE0655B, F4GE0685B, F4GE0685D 6 Diesel, 6728 cm³, 121 - 130 kW (164 - 176 PS), 17,5:1											

Ø 112 **26**

8360.46, 8360.46R.416 TCA R 6 Diesel, 7685 cm³, 176 kW (239 PS), 17:1, Hub 130mm, 12 Ventile 150 E 27 180 E 24 190 E 24	79,781 79,799	84,206 84,226	42,110 42,490	2,169 2,178	1.4.7.	0,051 0,107	M900	0,000 0,254	HL 20371	3	233 HS 20373 200 210
	79,781 79,799	84,206 84,226	32,110 32,490	2,169 2,178	2.3.5.6.	0,051 0,107	M900	0,000 0,254	HL 20372	4	
01/1992...12/1996 01/1997...08/1998											

Ø 115 **27**

8365.25.500, .25.502 R 6 Diesel, 8102 cm³, 118 - 133 kW (160 - 181 PS), 15,5:1, Turbo, 12 Ventile	79,781 79,799	84,206 84,226	42,110 42,490	2,169 2,178	1.4.7.	0,051 0,107	M900	0,000 0,254	HL 20371	3	233 HS 20373 200 210
	79,781 79,799	84,206 84,226	32,110 32,490	2,169 2,178	2.3.5.6.	0,051 0,107	M900	0,000 0,254	HL 20372	4	

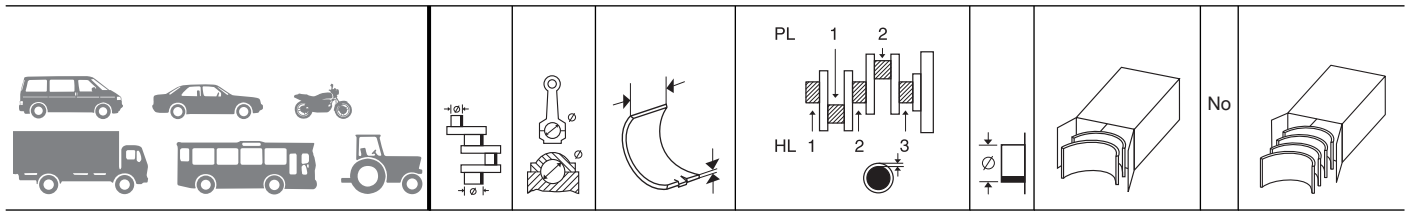
Ø 120 **28**

8460.21.202, .21.206, .21.611, 8460.41C. R 6 Diesel, 9498 cm³, 154 - 276 kW (209 - 375 PS), 16:1 - 17:1, Turbo MP 260 E 30	99,800 100,200	123,650 124,000		3,91			M7	0,000	AL 20322	4	007 AS 20323 000
	89,958 89,980	96,000 96,022	32,500 32,750	3,108 4,168	1.2.3.5.6.7	0,038 0,102	M901	0,254	HL 20298	6	007 HS 20299 210
8460.41C.320, 8460.41K., 8460.41K.406, .41K.410, .41L TCA, 8460.41 M, 8460.41N, 8460.41 R, .41 S, .41 T R 6 Diesel, 9500 cm³, 185 - 278 kW (251 - 378 PS), 15:1 - 17:1, 12 Ventile 180 E 30 180 E 34 190 E 30 190 E 38 260 E 38 400 E 34 MP 180 E 25	89,022 89,958	96,000 96,022	44,250 44,500	3,108 4,168	4.	0,038 0,102	M901	0,254	HL 20328	1	
01/1993...11/2004 01/1992...12/1996 01/1992...12/1993 01/1997...08/1998 01/1993... 01/1994... 01/1992...08/1998 05/1999...11/2004											

Ø 130 **29.1**

203 A/61, 203 A/61.000, 203 H 61 R 6 Diesel, 11548 cm³, 130 - 132 kW (177 - 180 PS), 16:1, 12 Ventile	103,380 103,630	119,890 120,140		2,311 2,362			M7	0,000 0,127	AL 20221	4	007 AS 20222 200 205
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Ø 130 - Fortsetzung / Continued

29.2

203 A/61, 203 A/61.000, 203 H 61
R 6 Diesel, 11548 cm³, 130 - 132 kW
(177 - 180 PS), 16:1, 12 Ventile

92,062 92,088	96,571 96,596	54,740 54,990	2,182 2,191	1.	0,101 0,170	M900	0,000 0,254 0,508 0,762 1,016	HL 20216	1	007 HS 20220 200 210 220 230 240
92,062 92,088	96,571 96,596	70,740 70,990	2,182 2,191	7.	0,101 0,170	M900	0,000 0,254 0,508 0,762 1,016	HL 20217	1	
92,062 92,088	96,571 96,596	32,740 32,990	2,182 2,191	2.3.5.6.	0,101 0,170	M900	0,000 0,254 0,508 0,762 1,016	HL 20218	4	
92,062 92,088	96,571 96,596	66,750 67,000	2,182 2,191	4.	0,101 0,170	M900	0,000 0,254 0,508 0,762 1,016	HL 20219	1	
81,801 81,826	85,573 85,598	43,000 43,260	1,826 1,835		0,077 0,145	M900	0,000 0,254 0,508 0,762	PL 20214	6	

Ø 137

30

8210.02.
R 6 Diesel, 13800 cm³, 191 kW (260 PS), 16:1,
12 Ventile

114,920 115,180	133,880 134,140		2,31 2,36			M250	0,000	AL 20175	4	007 AS 20176 000
47,983 47,998	53,010 53,061	49,900 50,400	2,84			M100	Semi	BB 20177	6	007 BS 20178 300
102,878 102,900	107,975 108,000	34,440 34,820	2,487 2,496	2.3.5.6.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20363	4	007 HS 20367 200 210 220 230 240
102,878 102,900	107,975 108,000	53,590 53,980	2,487 2,496	4.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20364	1	
102,878 102,900	107,975 108,000	37,030 37,410	2,487 2,496	1.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20365	1	
102,878 102,900	107,975 108,000	37,030 37,410	2,487 2,496	7.	0,083 0,148	M900	0,000 0,254 0,508 0,762 1,016	HL 20366	1	
84,713 84,735	88,482 88,504	39,990 40,250	1,826 1,835		0,077 0,139	M900	0,000 0,254 0,508	PL 20191	6	007 PS 20192 200 210 220
84,713 84,735	88,482 88,504	40,870 41,250	1,826 1,835		0,077 0,140	M900	0,000 0,254 0,508 0,762 1,016	PL 20193	6	007 PS 20194 200 210 220 230 240

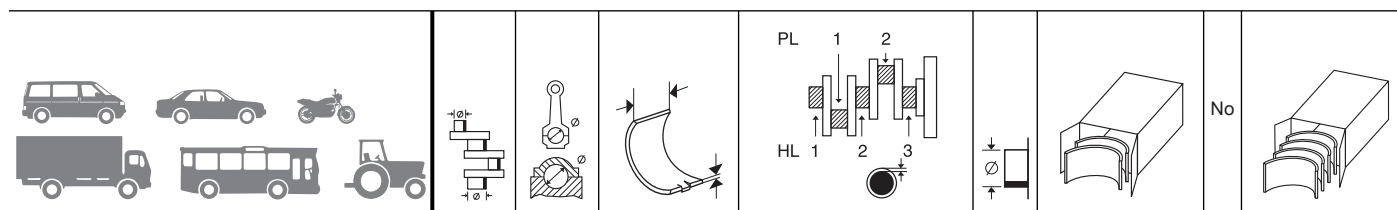
Ø 137

31.1

8210.02.
R 6 Diesel, 13798 cm³, 277 kW (377 PS), 16,5:1,
12 Ventile

114,920 115,180	133,880 134,140		2,31 2,36			M250	0,000	AL 20175	4	007 AS 20176 000
49,990 50,000	54,852 54,899	49,900 50,400	2,75 2,85			M100	Semi	BB 20638	6	007 BS 20639 300

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Ø 137 - Fortsetzung / Continued

31.2

8210.42. R 6 Diesel, 13798 cm³, 277 kW (377 PS), 16,5:1, 12 Ventile	102,878	107,975	34,440	2,487	2.3.5.6.	0,083	M900	0,000	HL 20363	4	007 HS 20367 200 210 220 230 240
	102,900	108,000	34,820	2,496							
	102,878	107,975	53,590	2,487	4.	0,083	M900	0,000	HL 20364	1	
	102,900	108,000	53,980	2,496							
	102,878	107,975	37,030	2,487	1.	0,083	M900	0,000	HL 20365	1	
	102,900	108,000	37,410	2,496							
102,878	107,975	37,030	2,487	7.	0,083	M900	0,000	HL 20366	1		
102,900	108,000	37,410	2,496								
84,713	88,482	39,990	1,826		0,077	M900	0,000	PL 20191	6	007 PS 20192 200 210 220	
84,735	88,504	40,250	1,835		0,139		0,254				
84,713	88,482	40,870	1,826		0,077	M900	0,000	PL 20193	6	007 PS 20194 200 210 220 230 240	
84,735	88,504	41,250	1,835		0,140		0,254				

Ø 137

32

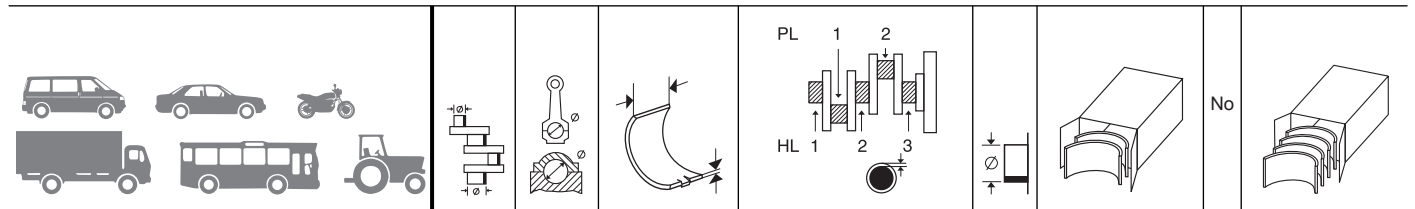
8210.42.061, .42.210, .42.235, .42.237, .42.269, .42.270, .42.271, .42.500 R 6 Diesel, 13798 cm³, 265 - 346 kW (360 - 470 PS) 330-36 01/1989...12/1992	102,878	107,975	34,440	2,487	2.3.5.6.	0,083	M900	0,000	HL 20363	4	007 HS 20367 200 210 220 230 240
	102,900	108,000	34,820	2,496							
	102,878	107,975	53,590	2,487	4.	0,083	M900	0,000	HL 20364	1	
	102,900	108,000	53,980	2,496							
	102,878	107,975	37,030	2,487	1.	0,083	M900	0,000	HL 20365	1	
102,900	108,000	37,410	2,496								
102,878	107,975	37,030	2,487	7.	0,083	M900	0,000	HL 20366	1		
102,900	108,000	37,410	2,496								
84,713	88,482	39,990	1,826		0,077	M900	0,000	PL 20191	6	007 PS 20192 200 210 220	
84,735	88,504	40,250	1,835		0,139		0,254				

Ø 137

33.1

8210.42L.400, 8210.42M, 8210.42M. TCA, 8210.42 TCA R 6 Diesel, 13798 cm³, 272 - 346 kW (370 - 470 PS) LD 190 E 42 LD 240 E 42 260 E 42 400 E 42, 440 E 42 MP 260 E 47 MP 720 E 47	49,990	54,852	49,900	2,75			M100	Semi	BB 20638	6	007 BS 20639 300
	50,000	54,899	50,400	2,85							

Fortsetzung nächste Seite / Continued on next page



Ø 137 - Fortsetzung / Continued

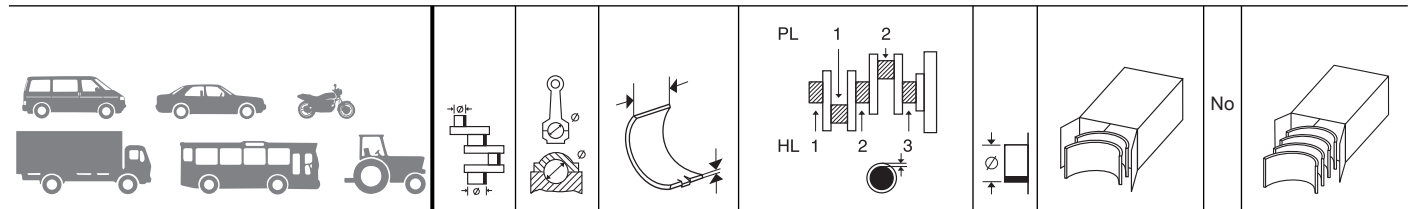
33.2

8210.42L.400, 8210.42M, 8210.42M. TCA, 8210.42 TCA R 6 Diesel, 13798 cm³, 272 - 346 kW (370 - 470 PS) LD 190 E 42 01/1995...02/2002 LD 240 E 42 01/1993... 260 E 42 01/1994... 400 E 42, 440 E 42 01/1992... MP 260 E 47 11/1999...11/2004 MP 720 E 47 09/1993...11/2004	102,878	107,975	34,440	2,487	2.3.5.6.	0,083	M900	0,000	HL 20363	4	007 HS 20367 200 210 220 230 240
	102,900	108,000	34,820	2,496				0,254 0,508 0,762 1,016			
	102,878	107,975	53,590	2,487	4.	0,083	M900	0,000	HL 20364	1	
	102,900	108,000	53,980	2,496				0,254 0,508 0,762 1,016			
	102,878	107,975	37,030	2,487	1.	0,083	M900	0,000	HL 20365	1	
			2,496				0,254 0,508 0,762 1,016				
	102,900	108,000	37,410	2,496	7.	0,083	M900	0,000	HL 20366	1	
			37,410	2,496				0,254 0,508 0,762 1,016			
	84,713	88,482	39,990	1,826		0,077	M900	0,000	PL 20191	6	007 PS 20192 200 210 220
	84,735	88,504	40,250	1,835		0,139		0,254 0,508			

Ø 145

34

8280.22.000 V 8 Diesel, 17174 cm³, 280 kW (381 PS), 15.5:1, Turbo, LLK, 16 Ventile	123,750	146,050		3,43			M250	0,000	AL 20255	4	007 AS 20254 200
	124,000	146,300									
8280.42S. TCA V 8 Diesel, 17173 cm³, 378 kW (514 PS), 16:1 LD 260 E 52 01/1995...02/2002 LD 440 E 52 01/1993...02/2002											



JAGUAR

Ø 83 1

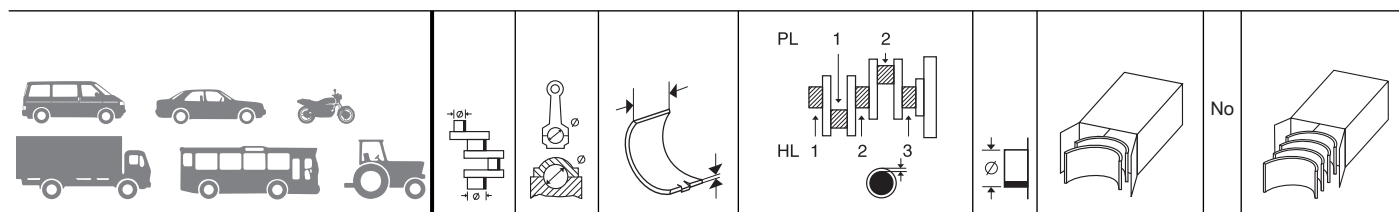
XK 3.4 (82-86) R 6 Benzin, 3442 cm ³ , 119 - 198 kW (162 - 269 PS), 12 Ventile XJ 6 3.4 05/1975...10/1986	69,842 69,855	74,079 74,092	25,150 25,400	2,092 2,102		0,020 0,066	M114	0,000 0,254 0,508 0,762 1,016	HL 21270	4	279 HS 21269 200 210 220 230 240
	69,837 69,850	74,079 74,092	37,980 38,230	2,073 2,083		0,063 0,109	M114	0,000 0,254 0,508 0,762 1,016	HL 21268	3	
	52,964 52,977	56,718 56,731	24,510 24,760	1,844 1,854		0,033 0,079	M114	0,000 0,254 0,508 0,762 1,016	PL 21266	6	

Ø 86,99 2

XK 3,8 R 6 Benzin, 3781 cm ³ , 164 - 198 kW (223 - 269 PS), 8:1	69,842 69,855	74,079 74,092	25,150 25,400	2,092 2,102		0,020 0,066	M114	0,000 0,254 0,508 0,762 1,016	HL 21270	4	279 HS 21269 200 210 220 230 240
	69,837 69,850	74,079 74,092	37,980 38,230	2,073 2,083		0,063 0,109	M114	0,000 0,254 0,508 0,762 1,016	HL 21268	3	
	52,964 52,977	56,718 56,731	24,510 24,760	1,844 1,854		0,033 0,079	M114	0,000 0,254 0,508 0,762 1,016	PL 21266	6	

Ø 92,07 3

XK 4.2 (82-87) R 6 Benzin, 4235 cm ³ , 151 kW (205 PS), 12 Ventile SOVEREIGN 4.2 03/1979...10/1986	69,842 69,855	74,079 74,092	34,670 34,920	2,092 2,102		0,020 0,066	M901	0,000 0,254 0,508	HL 21281	2	279 HS 21284 200 210 220
	69,842 69,855	74,079 74,092	28,450 28,700	2,092 2,102		0,020 0,066	M901	0,000 0,254 0,508	HL 21282	1	
	69,842 69,855	74,079 74,092	25,150 25,400	2,092 2,102		0,020 0,066	M901	0,000 0,254 0,508	HL 21283	4	
	52,964 52,977	56,718 56,731	24,510 24,760	1,844 1,854		0,033 0,079	M114	0,000 0,254 0,508 0,762 1,016	PL 21266	6	



JEEP

Ø 81 1

BMM R 4 Diesel, 1968 cm³, 103 kW (140 PS), 18,5:1, 8 Ventile	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
50,858 50,878	53,700 53,712	20,100 20,400	1,398 1,403		0,020 0,064	M330	0,000 0,250	PL 19908	4	029 PS 19909 000 025	

Ø 86 2

J8S R 4 Diesel, 2068 cm³, 59 - 64 kW (80 - 87 PS), 21,5:1, 8 Ventile CHEROKEE 2.1 TD 10/1984...09/2001	56,267	60,005	20,750	1,842			M157	0,000	PL 19979	4	021 PS 19999 000
	56,286	60,019				0,035 0,093					
PL 19979											

Ø 86 3

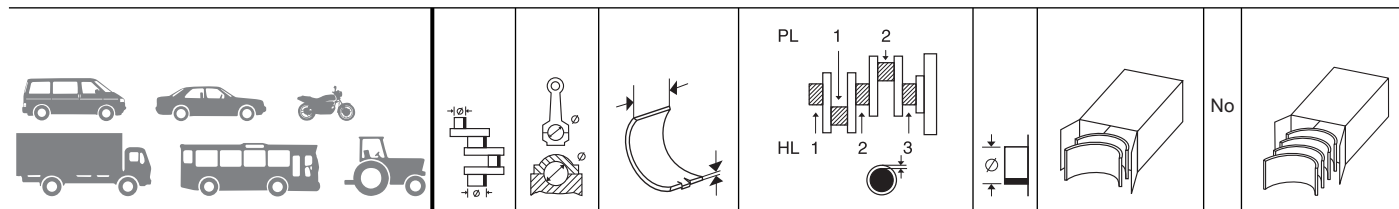
J8S 742 R 4 Diesel, 2068 cm³, 59 kW (80 PS), 21,5:1, 8 Ventile CHEROKEE 2.1 D 10/1986...09/1992	71,450	88,090		2,85			M817	0,000 0,100	AL 19990	2	021 AS 20008 000 010
	56,267 56,286	60,005 60,019	20,750	1,842		0,035 0,093	M157	0,000	PL 19979	4	021 PS 19999 000
AL 19990 PL 19979											

Ø 86 4

J8S-800, J8S-814 R 4 Diesel, 2068 cm³, 44 - 65 kW (60 - 88 PS), 21,5:1 CJ5-CJ8 2.1 D 04/1983...12/1987 COMANCHE 2.1 D 10/1986...09/1990	71,450	88,090		2,85			M817	0,000 0,100	AL 19990	2	021 AS 20008 000 010
	56,267 56,286	60,005 60,019	20,750	1,842		0,035 0,093	M157	0,000	PL 19978	4	021 PS 19998 000
AL 19990 PL 19978											

Ø 88 5

J5R-800 R 4 Benzin, 1995 cm³, 61 - 63 kW (85 - 86 PS), 9,2:1 CJ5-CJ8 2.0 01/1983...12/1987	71,450	88,090		2,85			M817	0,000 0,100	AL 19990	2	021 AS 20008 000 010
	AL 19990										

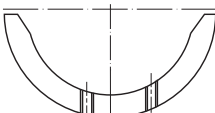


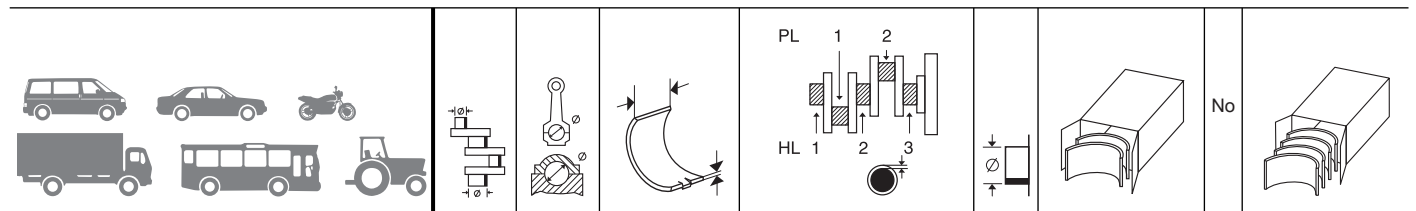
KHD

Ø 91 **1**

BF 4L 1011 R 4 Diesel, 2732 cm³, 50 - 56 kW (68 - 76 PS), 17:1, 8 Ventile	75,750	89,750		2,40			M817	0,000	AL 20765	2	099 AS 20766 000
	76,000	90,000		2,45							
BF 4 L 1011 F, F 4 L 1011 R 4 Diesel, 2731 cm³, 28 - 56 kW (38 - 76 PS), 17:1 - 18,5:1, 8 Ventile											

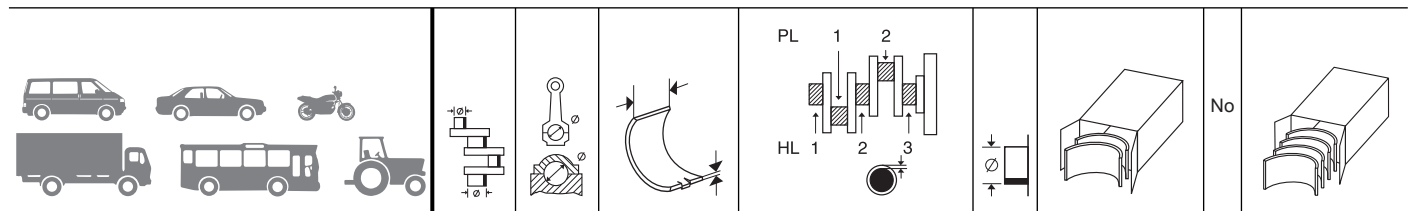
Ø 95 **2**

F 6 L 812 R 6 Diesel, 5104 cm³, 55 - 74 kW (75 - 101 PS), 19:1, 12 Ventile	79,300	94,974		2,95			M114	0,000	AL 18738	4	099 AS 10708 000
				3,00							
F 6 L 812 D R 6 Diesel, 5100 cm³, 74 kW (100 PS), 19:1, 12 Ventile	AL 18738 										




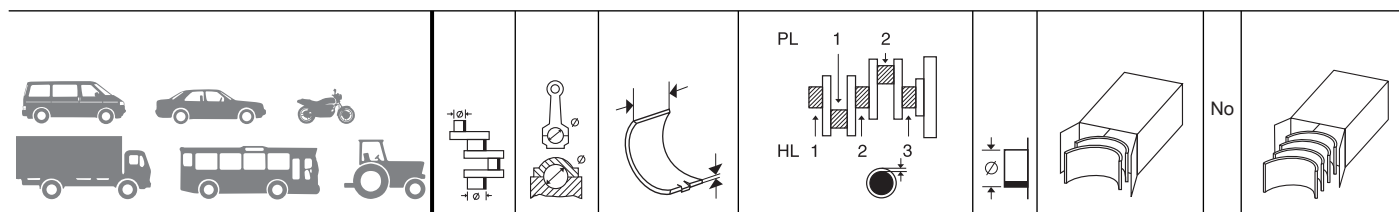
KIA MOTORS

Ø 85											1	
G4CP		44,991	48,000	23,500	1,494		0,012	M780	0,000	PL 19868	4	676 PS 19866 000
R 4 Benzin, 1997 cm³, 102 kW (139 PS), 9,5:1, 16 Ventile		45,000	48,020				0,067					
JOICE 2.0												
JOICE 2.0 I												
Ø 91,1											2	
D4BH		65,979	70,000	30,950	1,99		0,012	M780	0,000	FL 19902	1	676 HS 19862 000 025
R 4 Diesel, 2476 cm³, 69 kW (94 PS), 21:1		66,000	70,021				0,078		0,250			
K2500 2.5 D		65,979	70,000	25,130	1,99		0,012	M780	0,000	HL 19865	4	
PREGIO 2.5 D		66,000	70,021				0,078		0,250			
PREGIO 2.5 TCI		52,973	56,007	25,130	1,743		0,021	M157	0,500	PL 19864	4	676 PS 19861 050
		53,000	56,021				0,076					



LADA

Ø 83												1
XUD 9 A R 4 Diesel, 1905 cm ³ , 52 kW (71 PS), 23,5:1 NIVA I 1900 D 01/1993...08/2002	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000	
	60,000	63,750	20,290	1,845		0,103		0,300			030	
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000	
	67,300	83,300										
	25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300	
	25,020	27,021										
	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000	
	50,000	53,708				0,089		0,300			030	
Ø 83												2
XUD 9 SD R 4 Diesel, 1905 cm ³ , 51 - 55 kW (69 - 75 PS), 23:1, Turbo, LLK NIVA I 1900 D 01/1999...08/2002	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000	
	60,000	63,750	20,290	1,845		0,103		0,300			030	
	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000	
	50,000	53,708				0,092		0,300			030	
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000	
	67,300	83,300										
	25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300	
	25,020	27,021										
Ø 86												3
C 20 XE R 4 Benzin, 1998 cm ³ , 110 kW (150 PS), 10,5:1, 16 Ventile 110 2.0 I 08/1996...07/2000	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000	
	57,995	62,013		1,995		0,067		0,250			025	
								0,500			050	
	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4		
57,995	62,013				0,067		0,250					
							0,500					
	48,971	52,000	20,300	1,50		0,020	M114	0,000	PL 19224	4	011 PS 19225 000	
	48,987	52,012				0,066						
	HL 18119 											



LANCIA


Ø 65 1

A112 A.000, A112A 5.000, A112 A5.000, A112 B2.000 R 4 Benzin, 903 cm³, 29 - 34 kW (40 - 46 PS), 9:1 A 112 0.9 10/1969...06/1986 ARDEA BERLINA 1.0 12/1939...12/1952	39,988 40,008	43,657 43,670	16,550	1,81		0,023 0,068	M157	0,000 0,254	PL 20523	4	007 PS 20524 200 210
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Ø 67,2 2

A112 A2.000 R 4 Benzin, 1050 cm³, 51 kW (69 PS), 10,2:1 A 112 1.0 ABARTH 03/1978...02/1984	39,988 40,008	43,657 43,670	16,550	1,81		0,023 0,068	M157	0,000 0,254	PL 20523	4	007 PS 20524 200 210
A112B1.000, A112 B1.000 R 4 Benzin, 965 cm³, 35 kW (48 PS), 9,2:1, 8 Ventile A 112 1.0 11/1977...12/1986											

Ø 70 3

156 A2.000 - 000, .246 - 246, 156 A3.000 R 4 Benzin, 999 cm³, 32 - 37 kW (44 - 50 PS), 9,5:1 - 9,8:1, 8 Ventile Y 10 1.0 03/1985...10/1995 Y 10 1.0 KAT 10/1987...10/1995	43,980 44,000	47,705 47,718	18,750 19,000	1,836 1,844		0,017 0,066	M157	0,000 0,254	HL 20457	5	007 HS 20458 200 210
	37,988 38,008	41,128 41,140	18,750 19,000	1,541 1,549		0,022 0,070	M157	0,000 0,254 0,508	PL 20459	4	007 PS 20460 200 210 220
156C.000, 156 C.000, .046 - 046, 176 B2.000 R 4 Benzin, 1108 cm³, 37 - 42 kW (50 - 57 PS), 8 Ventile Y 1.1 I 04/1997...09/2003 Y 10 1.1 06/1989...12/1995 Y 10 1.1 I 09/1990...10/1995 Y 10 1.1 I.E 08/1989...06/1992 Y 10 1.1 I.E. 07/1989...12/1995	PL 20459 										

Ø 70 4

156 A 2.100 R 4 Benzin, 999 cm³, 32 kW (44 PS), 9:1, 8 Ventile Y 10 1.0 06/1985...06/1991	37,988 38,008	41,128 41,140	18,750 19,000	1,541 1,549		0,022 0,070	M157	0,000 0,254 0,508	PL 20459	4	007 PS 20460 200 210 220
	PL 20459 										

Ø 76 5

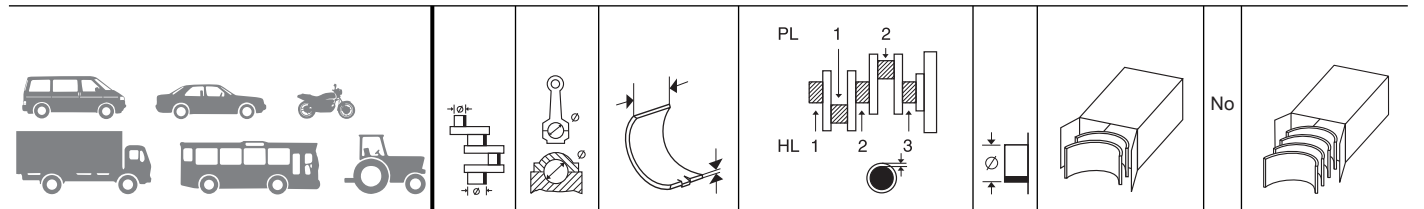
828 BB.3 R 4 Benzin, 1301 cm³, 55 kW (75 PS), 9,1:1	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18538	1	007 HS 18511 200 210 220
	52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18588	4	

Ø 76,1 6

828 AC.3 R 4 Benzin, 1297 cm³, 57 kW (78 PS), 8,9:1	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18538	1	007 HS 18511 200 210 220
	52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18588	4	

Ø 78 7

828 D.3000 R 4 Benzin, 1367 cm³, 85 kW (116 PS) BETA 1300 12/1981...12/1984	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18538	1	007 HS 18511 200 210 220
	52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18588	4	



Ø 80 **8**

828 A2.000 4 Benzin, 1438 cm³, 66 kW (90 PS), 8 Ventile BETA 1400 08/1973...07/1976	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254 0,508			
	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254 0,508			

Ø 80 **9**

831 B8.000 R 4 Benzin, 1116 cm³, 47 kW (64 PS) DELTA I 1.1 01/1986...12/1990	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254 0,508			
	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254 0,508			
	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542		0,070		0,508			

Ø 80,5 **10**

160 A1.046, 836 A4.000 R 4 Benzin, 1372 cm³, 51 kW (69 PS), 9,2:1, 8 Ventile DELTA II 1.4 I 10/1994...08/1999	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254 0,508			
	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254 0,508			
182 B6.000 R 4 Benzin, 1596 cm³, 76 kW (103 PS), 10,1:1, 16 Ventile LYBRA 1.6 10/2000...10/2005		54,520	20,000	1,842	1.2.4.5.		M157	0,000	HL 20627	4	007 HS 20629 200 210 220
			20,250	1,85				0,254 0,508			
		54,520	22,500	1,842	3.		M157	0,000	HL 20628	1	
			22,750	1,85				0,254 0,508			
	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542		0,070		0,508			
	45,500	48,640	18,950	1,538		0,060	M157	0,000	PL 20461	4	007 PS 20462 200 210

Ø 82 **11**

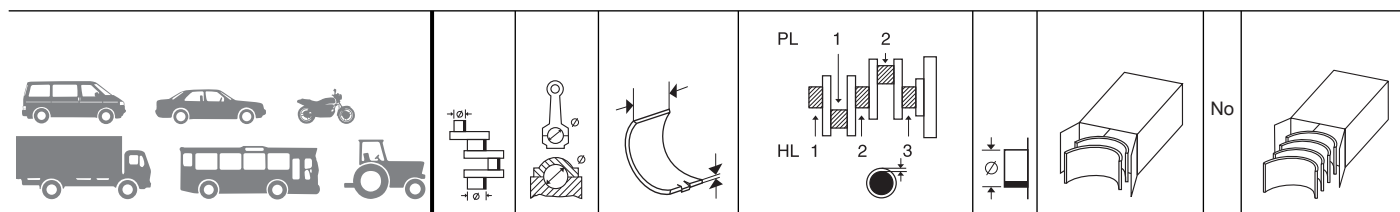
182 A2.000, 183 A1.000 R 4 Benzin, 1747 cm³, 83 - 96 kW (113 - 131 PS), 10:1 - 10,3:1, 16 Ventile DEDRA 1.8 03/1996...07/1999 DELTA II 1.8 02/1996...09/1999 DELTA II 1.8 I 03/1996...08/1999	59,000	73,600		2,342			M157	0,000	AL 20487	2	007 AS 20488 200 ...12/1998
	59,250	73,850		2,358							
	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200 01/1999...
	59,250	73,850		2,485							
	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200 210 220
	53,000	56,718	20,750	1,844		0,064		0,254 0,508			
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254 0,508			

Ø 82 **12**

188 B2.000, AR 32302 R 4 Diesel, 1910 cm³, 74 - 77 kW (101 - 105 PS), 18:1 - 18,5:1 LYBRA 1.9 JTD 07/1999...09/2000 MUSA 1.9 D 10/2004...12/2008	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					

Ø 82 **13**

839 A4.000, 839 A7.000 R 4 Benzin, 1747 cm³, 96 kW (131 PS), 16 Ventile LYBRA 1.8 07/1999...10/2005	59,000	73,600		2,342			M157	0,000	AL 20487	2	007 AS 20488 200
	59,250	73,850		2,358							
	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							
840 A4.000 R 4 Benzin, 1370 cm³, 55 kW (75 PS), 9,9:1, 12 Ventile Y 10 1.4 I 03/1996...09/2003	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200 210 220
	53,000	56,718	20,750	1,844		0,064		0,254 0,508			
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254 0,508			



Ø 82 14

839 A9.000 R 4 Benzin, 1747 cm³, 96 kW (131 PS), 10,3:1 LYBRA 1.8 07/1999...10/2005	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							
841 E.000 R 5 Benzin, 1998 cm³, 136 kW (185 PS), 8,5:1, 20 Ventile THESIS 2.0 I 07/2002...07/2009	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714							
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
	53,000	56,718	20,750	1,844		0,064		0,254			210
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	220
	53,000	56,718	20,750	1,844		0,064		0,254			

Ø 82 15

840 A2.000 R 4 Benzin, 1370 cm³, 55 - 59 kW (75 - 80 PS), 98,5:1, 12 Ventile Y 1.4 I 10/1996...09/2003	59,000	73,600		2,342			M157	0,000	AL 20487	2	007 AS 20488 200
	59,250	73,850		2,358							
	59,000	73,600		2,435			M157	0,000	AL 20489	2	007 AS 20490 200
	59,250	73,850		2,485							
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
	53,000	56,718	20,750	1,844		0,064		0,254			210
								0,508			220
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254			

Ø 82,6 16

160 D1.000, 831 D1.000, 835 A4.000 R 4 Diesel, 1929 cm³, 48 - 66 kW (55 - 90 PS), 19,2:1 - 20:1, 8 Ventile DEDRA 1.9 TDS DELTA I 1.9 T DS DELTA II 1.9 TD PRISMA 1.9 TD 04/1989...07/1999 10/1986...12/1989 10/1994...08/1999 05/1985...12/1989	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200
	53,004	56,735	20,750	1,845		0,074		0,254			210
	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
	53,004	56,735	24,250	1,845		0,074		0,254			
	50,787	53,897	19,250	1,526		0,018	M114	0,000	PL 20580	4	007 PS 20581 200
	50,807	53,913	19,500	1,536		0,074		0,254			210

Ø 82,6 17

831 D.000 R 4 Diesel, 1911 cm³, 48 kW (65 PS), 21:1 PRISMA 1.9 DI 01/1983...02/1992	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200
	53,005	56,730	24,250	1,841		0,079		0,254			210
								0,508			220
	52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841		0,079		0,254			

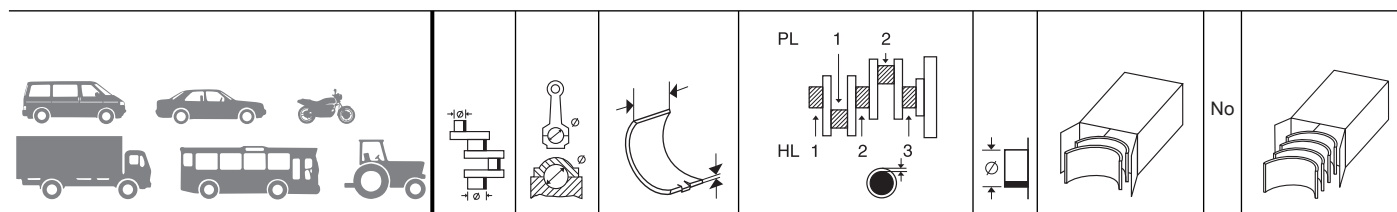
Ø 82,6 18

835 A4.046 R 4 Diesel, 1929 cm³, 66 kW (90 PS), 20:1 DEDRA 1.9 TDS 04/1989...07/1999	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200
	53,004	56,735	20,750	1,845		0,074		0,254			210
	52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1	
	53,004	56,735	24,250	1,845		0,074		0,254			

Ø 84 19.1

132 B1.000, 828 A1.000, 828 AB, 828 AC, 828 AF, 828 AS, 835 A2.000, .046, 835 C2.000, 835 C4.000, 835 C5.000, 836 A5.000, 836 A6.000, 836 C4.000 R 4 Benzin, 1756 cm³, 66 - 82 kW (90 - 112 PS), 8 Ventile BETA 1800 DEDRA 1.8 I DEDRA 1.8 I.E. DELTA II 1.8 I DELTA II 1.8 I.E. 08/1973...07/1976 09/1989...07/1999 07/1994...07/1999 06/1993...08/1999 07/1994...08/1999	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000	
	59,250	73,850		2,36								
	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200	
	53,005	56,730	24,250	1,841		0,079		0,254			210	
									0,508			220
		52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841		0,079		0,254				

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Ø 84 - Fortsetzung / Continued

19.2

134 AS.000, 175 A4.000, 828 B1.000, 828 B4.000, 828 B7.000, 831 B4.000, 834 B.000, .048, .146, 834 B1.000 R 4 Benzin, 1995 cm³, 83 - 142 kW (112 - 193 PS), 8:1 - 9,8:1 BETA 2000 04/1976...10/1986 BETA 2000 I.E. 05/1981...12/1984 DELTA II 2.0 T 07/1996...08/1999 PRISMA 2.0 I 04/1986...12/1989 THEMA 2000 I.E. 11/1984...05/1992 TREVI 2000 08/1983...05/1985 TREVI 2000 I 05/1980...09/1984 149 C2.000, 828 B.000, 831 A4.000, 831 A7.000, 831 B3.000, 831 B6.000, 831 B7.000 R 4 Benzin, 1585 cm³, 66 - 103 kW (90 - 140 PS) BETA 1600 08/1973...12/1984 DELTA I 1.6 GT 11/1982...04/1986 DELTA I 1.6 I 08/1986...08/1992 DELTA I 1.6 T 10/1983...08/1988 PRISMA 1.6 12/1982...02/1992 PRISMA 1.6 I 05/1986...12/1989 TREVI 1600 05/1980...05/1985	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079		M157	0,000 0,254 0,508	HL 18538	1
52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079		M157	0,000 0,254 0,508	HL 18588	4	

Ø 84

20

831 B5.000, 831 C5.000, .046, 834 C.000, .146, 835 A5.046 R 4 Benzin, 1995 cm³, 82 - 136 kW (112 - 185 PS), 8:1 - 9,3:1, Turbo, 8 Ventile DEDRA 2.0 I.E. 08/1989...07/1999 DELTA I 2.0 11/1986...02/1989 DELTA I 2.0 I 12/1986...12/1992 THEMA 2000 I.E. TURBO 07/1986...03/1992 THEMA 2000 I.E. TURBO 11/1984...12/1987 831 B7.046 R 4 Benzin, 1585 cm³, 97 kW (132 PS), 9,5:1, 8 Ventile DELTA I 1.6 T 04/1987...03/1989	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,991 53,004	56,717 56,735	20,500 20,750	1,835 1,845	1,2,4,5	0,023 0,074	M901	0,000 0,254	HL 20571	4	007 HS 20573 200 210
52,991 53,004	56,717 56,735	24,000 24,250	1,835 1,845	3	0,023 0,074	M901	0,000 0,254	HL 20572	1		

Ø 84

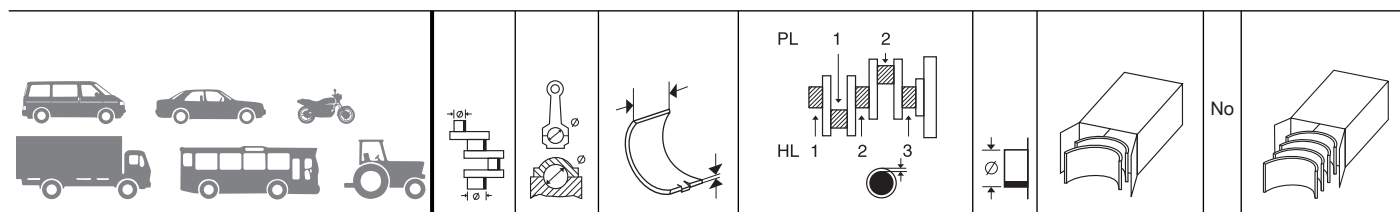
21

831 D5.000, 831 E5.000, .046, 834 A4.000, 834 B2.000, .246, 834 C1.000, .246, 834 F1.000, 834 F2.000, 835 A7.000, .046, 835 A8.000, .046, 836 A2.000, 836 A3.000 R 4 Benzin, 1995 cm³, 102 - 181 kW (139 - 246 PS) DEDRA 2.0 07/1994...07/1999 DEDRA 2.0 I 11/1990...07/1994 DEDRA 2.0 I.E. T 05/1990...07/1999 DEDRA 2.0 T 11/1990...06/1994 DELTA I 2.0 03/1989...09/1991 DELTA I 2.0 I EVO 06/1993...01/1994 DELTA II 2.0 T 06/1993...08/1999 THEMA 2000 05/1992...07/1994 THEMA 2000 I.E. 05/1988...08/1992 THEMA 2000 I.E. TURBO 12/1988...03/1993 THEMA 2000 TURBO 12/1988...07/1994	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,991 53,004	56,717 56,735	20,500 20,750	1,835 1,845	1,2,4,5	0,023 0,074	M901	0,000 0,254	HL 20571	4	007 HS 20573 200 210
52,991 53,004	56,717 56,735	24,000 24,250	1,835 1,845	3	0,023 0,074	M901	0,000 0,254	HL 20572	1		
50,792 50,805	53,892 53,910	19,250 19,500	1,53 1,54		0,007 0,058	M901	0,000	PL 20578	4	007 PS 20579 200	

Ø 84

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835 A5.000 R 4 Benzin, 1995 cm³, 86 kW (117 PS), 9,3:1 DEDRA 2.0 I.E. 09/1989...07/1992	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18538	1	007 HS 18511 200 210 220
52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18588	4		
50,787 50,805	53,897 53,909	19,250 19,500	1,654 2,714		0,018 0,068	M114	0,254	007 PL 20485 210	4	007 PS 20486 210	



Ø 84											23
838 A4.000 R 4 Benzin, 1995 cm³, 151 kW (205 PS), 8:1, Turbo, LLK, 16 Ventile KAPPA 2.0 TURBO 02/1995...10/2001	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,991	56,717	20,500	1,835	1,2,4,5	0,023	M901	0,000	HL 20571	4	007 HS 20573 200 210
	53,004	56,735	20,750	1,845		0,074		0,254			
52,991	56,717	24,000	1,835	3	0,023	M901	0,000	HL 20572	1		
	53,004	56,735	24,250	1,845		0,074		0,254			
	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					

Ø 85											24
4HW(DW12ATED4) R 4 Diesel, 2179 cm³, 94 kW (128 PS), 18:1, 16 Ventile PHEDRA 2.2 JTD 09/2002...11/2010	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
RHK, RHR 4 Diesel, 1997 cm³, 88 - 100 kW (120 - 136 PS), 17,5:1 - 18:1, 16 Ventile											

Ø 85											25
P 8 C R 4 Diesel, 2088 cm³, 80 kW (109 PS), 21,5:1 ZETA 2.1 TD 05/1996...09/1999	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			

Ø 85											26
RHK (DW10UTED4) R 4 Diesel, 1997 cm³, 79 - 88 kW (107 - 120 PS), 17,5:1, 16 Ventile PHEDRA 2.0 JTD 06/2006...11/2010	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							
	59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000 030
	60,000	63,741	19,490	1,856				0,300			

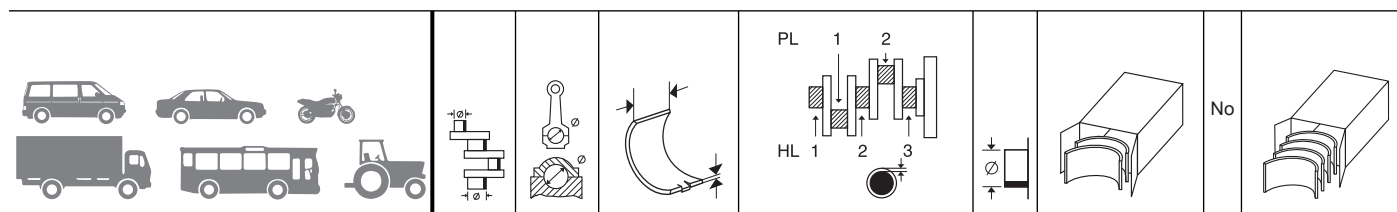
Ø 85											27
RHM (DW10ATED4), RHW (DW10ATED4), RHZ (DW10ATED4) R 4 Diesel, 1997 cm³, 79 - 80 kW (107 - 109 PS), 17,1:1 - 18:1, 16 Ventile PHEDRA 2.0 JTD 09/2002...11/2010 ZETA 2.0 JTD 09/1999...09/2002	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							
	59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000 030
	60,000	63,741	19,490	1,856				0,300			

Ø 85											28
RHR (DW10BTED4) R 4 Diesel, 1997 cm³, 100 kW (136 PS), 18:1, 16 Ventile PHEDRA 2.0 D 07/2006...11/2010	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									

Ø 86											29
RFV, RGX 4 Benzin, 1998 cm³, 97 - 108 kW (132 - 147 PS), 8,5:1 ZETA 2.0 I 05/1998...07/2000 ZETA 2.0 T 05/1995...09/2002	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			

Ø 86											30.1
RFV (XU10J4R) R 4 Benzin, 1998 cm³, 97 kW (132 PS), 10,4:1, 16 Ventile	49,984	53,695	20,250	1,836		0,023	M810	0,000	PL 19928	4	039 PS 19938 000 030
	50,000	53,708				0,077		0,300			
	49,984	53,695	21,950	1,843		0,027	M810	0,000	PL 19929	4	039 PS 19939 000 030
	50,000	53,708				0,081		0,300			

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Ø 86 - Fortsetzung / Continued

30.2

RFV (XU10J4R) R 4 Benzin, 1998 cm³, 97 kW (132 PS), 10,4:1, 16 Ventile	49,984	53,695	21,950	1,843		0,020	M810	0,000	PL 19933	4	039 PS 19946 000
	50,000	53,708				0,064		0,300			030
	PL 19928										
	PL 19929										
PL 19933											

Ø 86

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RGX (XU10J2TE) R 4 Benzin, 1998 cm³, 108 kW (147 PS), 8,8:1, 8 Ventile	49,984	53,695	21,950	1,843		0,020	M810	0,000	PL 19933	4	039 PS 19946 000
	50,000	53,708				0,064		0,300			030
PL 19933											

Ø 86,4

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138 C2.048, 831 B1.000 R 4 Benzin, 1498 cm³, 55 - 63 kW (75 - 86 PS), 9,1 - 9,2:1 DELTA I 1.5 09/1979...04/1986 PRISMA 1.5 09/1985...02/1992	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254 0,508			
835 A1.046 R 4 Benzin, 1581 cm³, 57 kW (77 PS), 9,2:1, 8 Ventile DEDRA 1.6 I 08/1989...03/1993	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	007 PS 20348 200 220
	50,800	54,520				0,064		0,254 0,508			
835 A1.046 R 4 Benzin, 1581 cm³, 57 kW (77 PS), 9,2:1, 8 Ventile DEDRA 1.6 I 08/1989...03/1993	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542		0,070		0,508			

Ø 86,4

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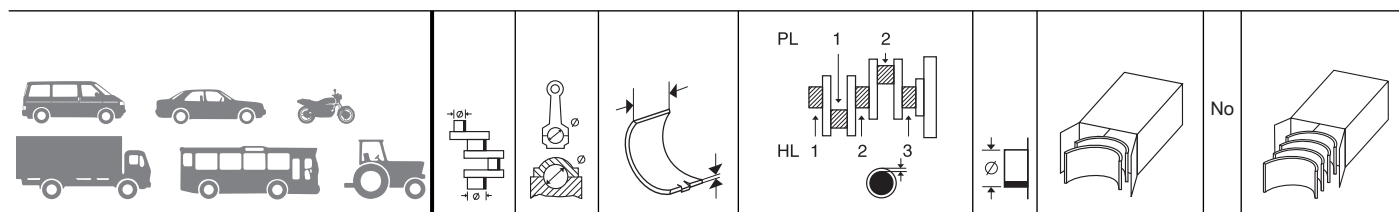
159 B9.000, 182 A6.000, 835 A1.000, 835 C1.000 R 4 Benzin, 1581 cm³, 55 - 66 kW (75 - 90 PS), 8 Ventile DEDRA 1.6 07/1994...07/1999 DEDRA 1.6 I 08/1989...07/1999 DELTA II 1.6 I 06/1993...08/1999	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254 0,508			
831 A1.000 R 4 Benzin, 1498 cm³, 63 kW (86 PS), 9,2:1, 8 Ventile DELTA I 1.5 09/1979...04/1986 PRISMA 1.5 01/1983...04/1986	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	007 HS 20629 200 210 220
	50,800	54,520				0,064		0,254 0,508			
831 A1.000 R 4 Benzin, 1498 cm³, 63 kW (86 PS), 9,2:1, 8 Ventile DELTA I 1.5 09/1979...04/1986 PRISMA 1.5 01/1983...04/1986		54,520	20,000	1,842	1.2.4.5.		M157	0,000	HL 20627	4	007 HS 20629 200 210 220
		54,520	20,250	1,85			M157	0,000	HL 20628	1	
831 A1.000 R 4 Benzin, 1498 cm³, 63 kW (86 PS), 9,2:1, 8 Ventile DELTA I 1.5 09/1979...04/1986 PRISMA 1.5 01/1983...04/1986	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542		0,070		0,508			
831 A1.000 R 4 Benzin, 1498 cm³, 63 kW (86 PS), 9,2:1, 8 Ventile DELTA I 1.5 09/1979...04/1986 PRISMA 1.5 01/1983...04/1986	45,500	48,640	18,950	1,538		0,060	M157	0,000	PL 20461	4	007 PS 20462 200 210
			19,200	1,546				0,254			

Ø 86,4

34.1

182 A4.000 R 4 Benzin, 1581 cm³, 76 kW (103 PS), 10,2:1, 16 Ventile DEDRA 1.6 01/1996...07/1999 DELTA II 1.6 I 01/1996...08/1999 LYBRA 1.6 07/1999...10/2005	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220 ...02/1999
	50,800	54,520				0,064		0,254 0,508			
182 A4.000 R 4 Benzin, 1581 cm³, 76 kW (103 PS), 10,2:1, 16 Ventile DEDRA 1.6 01/1996...07/1999 DELTA II 1.6 I 01/1996...08/1999 LYBRA 1.6 07/1999...10/2005	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	007 HS 20629 200 210 220 03/1999...
	50,800	54,520				0,064		0,254 0,508			
182 A4.000 R 4 Benzin, 1581 cm³, 76 kW (103 PS), 10,2:1, 16 Ventile DEDRA 1.6 01/1996...07/1999 DELTA II 1.6 I 01/1996...08/1999 LYBRA 1.6 07/1999...10/2005		54,520	20,000	1,842	1.2.4.5.		M157	0,000	HL 20627	4	007 HS 20629 200 210 220
		54,520	20,250	1,85			M157	0,000	HL 20628	1	
182 A4.000 R 4 Benzin, 1581 cm³, 76 kW (103 PS), 10,2:1, 16 Ventile DEDRA 1.6 01/1996...07/1999 DELTA II 1.6 I 01/1996...08/1999 LYBRA 1.6 07/1999...10/2005	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542		0,070		0,508			
182 A4.000 R 4 Benzin, 1581 cm³, 76 kW (103 PS), 10,2:1, 16 Ventile DEDRA 1.6 01/1996...07/1999 DELTA II 1.6 I 01/1996...08/1999 LYBRA 1.6 07/1999...10/2005	45,500	48,640	18,950	1,538		0,060	M157	0,000	PL 20461	4	007 PS 20462 200 210
			19,200	1,546				0,254			

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Ø 86,4 - Fortsetzung / Continued **34.2**

182 A4.000 R 4 Benzin, 1581 cm³, 76 kW (103 PS), 10,2:1, 16 Ventile DEDRA 1.6 01/1996...07/1999 DELTA II 1.6 I 01/1996...08/1999 LYBRA 1.6 07/1999...10/2005	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200
	45,528	48,646	19,200	1,542		0,070		0,508			220 ...02/1999
	45,500	48,640	18,950	1,538		0,060	M157	0,000	PL 20461	4	007 PS 20462 200
			19,200	1,546				0,254			210 03/1999...

Ø 86,4 **35**

831 A2.000 R 4 Benzin, 1302 cm³, 55 - 57 kW (75 - 78 PS), 9,5:1, 8 Ventile DELTA I 1.3 09/1979...08/1992 PRISMA 1.3 01/1983...02/1992	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200
	50,800	54,520				0,064		0,254			210 220
	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254			210 220

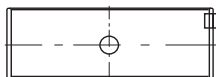
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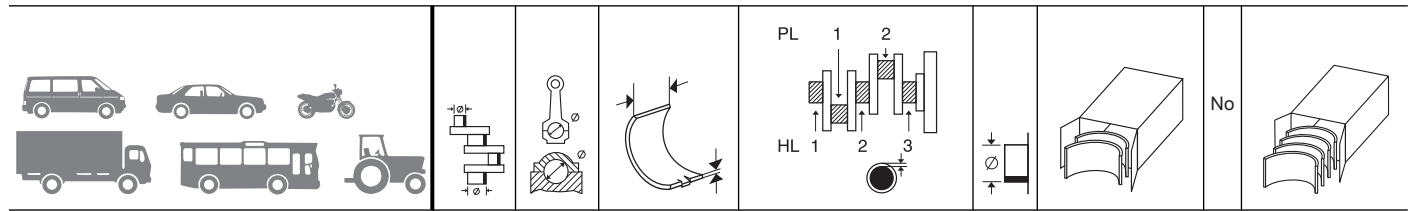
831 B1.048 R 4 Benzin, 1498 cm³, 55 kW (75 PS) PRISMA 1.5 09/1985...02/1992	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200
	45,528	48,646	19,200	1,542		0,070		0,508			220
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20434	4	063 HS 20436 200
	53,000	56,718	20,750	1,844		0,064		0,254			210 220
	52,982	56,705	20,500	1,836		0,017	M916	0,000	HL 20435	1	
	53,000	56,718	20,750	1,844		0,064		0,254			210 220

Ø 93 **37**

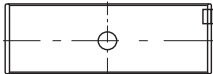
8144.91 R 4 Diesel, 2445 cm³, 74 kW (101 PS), 22:1, 8 Ventile THEMA 2500 TURBO D 11/1984...09/1990	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							403) 344183
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200
	86,208	90,614	30,950	2,174		0,104		0,254			210 220 230 01/1995...
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
	80,208	84,614	23,800	2,174		0,102		0,254			210 220 230
	76,171	80,587	31,900	2,164	5.	0,032	M900	0,000	FL 20369	1	007 HS 20370 200
	76,200	80,616	31,950	2,174		0,104		0,254			210 220 01/1993...12/1995
	76,171	80,587	24,610	2,164	1.2.3.4.	0,039	M900	0,000	HL 20368	4	
	76,200	80,616	24,990	2,174		0,117		0,254			210 220 230
	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200
	76,200	80,607	31,950	2,172		0,094		0,254			210 220 ...12/1992
76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4		
76,200	80,607	25,000	2,172		0,094		0,254			210 220	
56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200	
56,534	60,348	24,690	1,884		0,092		0,254			210 220	
56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200	
56,535	60,345	24,700	1,899		0,075		0,254			210 220 01/1978...12/1982	
56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200	
56,535	60,345	24,700	1,871		0,075		0,254			210 01/1982...12/1992	

PL 20223





Ø 93 38

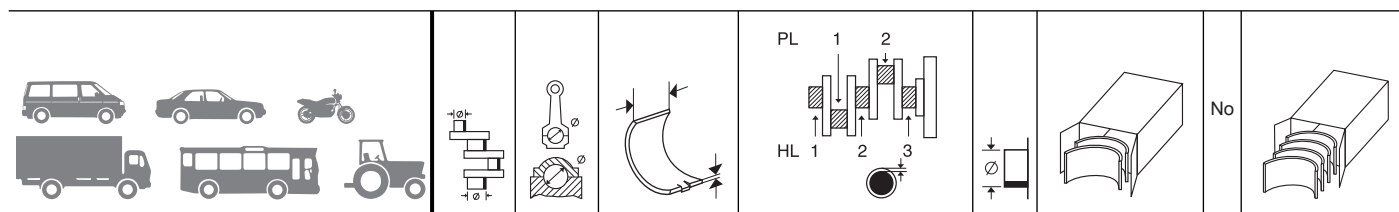
8144.97 R 4 Diesel, 2499 cm³, 85 kW (115 PS), 22:1, 8 Ventile THEMA 2500 TURBO DS 06/1988...05/1992	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1995</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210
								PL 20223 			

Ø 93 39

8144.97S R 4 Diesel, 2500 cm³, 77 kW (105 PS), 21:1, 8 Ventile THEMA 2500 TURBO DS 05/1988...07/1992	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210

Ø 93 40

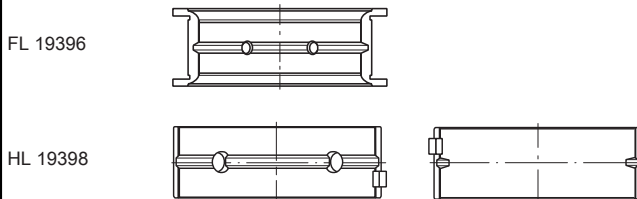
8144.97 Y R 4 Diesel, 2500 cm³, 85 kW (115 PS), 22,5:1, 8 Ventile THEMA 2500 TURBO DS 05/1992...07/1994	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210



LAND ROVER

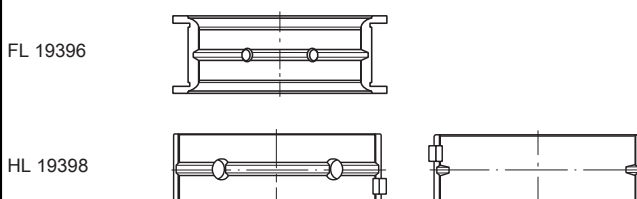
Ø 80 1

25 6T (BMW) R 4 Diesel, 2497 cm³, 100 kW (136 PS), 12 Ventile RANGE ROVER II 2.5 DI 07/1994...03/2002	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250 0,500	FL 19396	1	081 HS 19400 000 025 050
	59,971 59,990	65,000 65,019	20,000	2,498		0,020 0,063	M157	0,000 0,250 0,500	HL 19398	6	



Ø 84 2

M 47 R 4 Diesel, 1951 cm³, 80 - 82 kW (109 - 112 PS), 19,5:1, 16 Ventile FREELANDER I 2.0 TD4 11/2001...10/2006	59,971 59,990	65,000 65,019	24,940	2,623		0,030 0,093	M800	0,250	FL 19396	1	081 HS 20032 025
	59,971 59,990	65,000 65,019	20,000	2,623		0,020 0,063	M157	0,250	HL 19398	4	



Ø 84 3

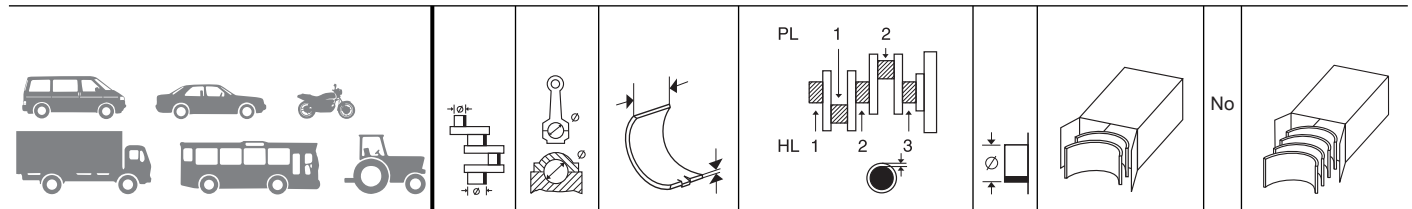
M 57 D 30 R 6 Diesel, 2926 cm³, 130 - 142 kW (177 - 193 PS), 18:1, 12 Ventile	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250 0,500	FL 19396	1	081 HS 19400 000 025 050
	59,971 59,990	65,000 65,019	20,000	2,498		0,020 0,063	M157	0,000 0,250 0,500	HL 19398	6	

Ø 90,4 4

12 J, 19 J R 4 Diesel, 2495 cm³, 51 - 63 kW (69 - 86 PS), 8 Ventile 90/110 2.5 D 09/1986...08/1988 90/110 2.5 TD 09/1986...07/1990 DEFENDER 2.5 D 09/1990...09/2001	63,487 63,500	67,704 67,716	24,180 24,560	2,212 3,275	1.2.3.4.	0,008 0,059	M114	0,254	HL 20304	4	025 HS 20306 210
	63,487 63,500	67,704 67,716	34,750 35,130	2,212 3,275	5.	0,008 0,059	M114	0,254	HL 20305	1	
	46,760 46,878	49,987 50,013	18,540 19,050	1,568 1,593			M157	0,000	NB 20331	1	025 NS 20333 000
	46,760 46,780	49,987 50,013	24,090 24,590	1,568 1,593			M157	0,000	NB 20332	3	
	58,725 58,744	62,433 62,446	24,690 25,070	1,823 1,832		0,025 0,075	M901	0,000 0,254	PL 20302	4	025 PS 20303 200 210
	70,740 70,990	85,600 85,850		2,311 2,362			M250	0,000	AL 20654	2	

Ø 90,48 5

16 L, 17 L, 22 L, 23 L R 4 Diesel, 2495 cm³, 83 - 92 kW (113 - 125 PS), 21:1 DEFENDER 2.5 TDI 90 09/1990...05/2007 DEFENDER 2.5 TDI 90/100 10/1995...12/1998 DISCOVERY I 2.5 D 07/1994...10/1998 DISCOVERY I 2.5 TDI 09/1989...06/1994	63,487 63,500	67,704 67,716	24,180 24,560	2,212 3,275	1.2.3.4.	0,008 0,059	M114	0,254	HL 20304	4	025 HS 20306 210
	63,487 63,500	67,704 67,716	34,750 35,130	2,212 3,275	5.	0,008 0,059	M114	0,254	HL 20305	1	
	46,760 46,878	49,987 50,013	18,540 19,050	1,568 1,593			M157	0,000	NB 20331	1	025 NS 20333 000
	46,760 46,780	49,987 50,013	24,090 24,590	1,568 1,593			M157	0,000	NB 20332	3	
	58,725 58,744	62,433 62,446	24,690 25,070	1,823 1,832		0,025 0,075	M901	0,000 0,254	PL 20302	4	025 PS 20303 200 210
	70,740 70,990	85,600 85,850		2,311 2,362			M250	0,000	AL 20654	2	



Ø 90,49

6

10 J R 4 Diesel, 2286 cm³, 46 - 51 kW (63 - 69 PS), 8 Ventile 88/109 2.3 D 90/110 2.3 D	46,760	49,987	18,540	1,568			M157	0,000	NB 20331	1	025 NS 20333 000
	46,878	50,013	19,050	1,593							
	46,760	49,987	24,090	1,568			M157	0,000	NB 20332	3	
	46,780	50,013	24,590	1,593							
	70,740	85,600		2,311			M250	0,000	AL 20654	2	137 AS 20655 000
	70,990	85,850		2,362							

Ø 90,5

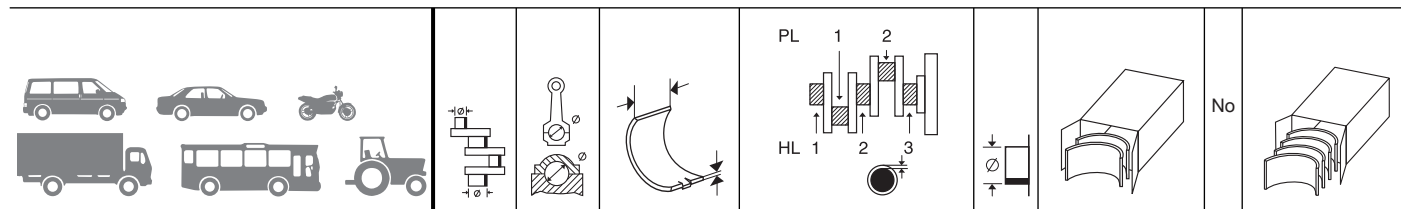
7

11 L, 14 L, 17H, 21 L R 4 Diesel, 2495 cm³, 61 - 83 kW (83 - 113 PS), 19,5:1 90/110 2.5 DEFENDER 2.5 TDI 90 DEFENDER 2.5 TDI 90/100 DISCOVERY I 2.5 TDI RANGE ROVER I 2.5 TD RANGE ROVER II 2.5 DI	63,487	67,704	24,180	2,212	1.2.3.4.	0,008	M114	0,254	HL 20304	4	025 HS 20306 210
	63,500	67,716	24,560	3,275		0,059					
	63,487	67,704	34,750	2,212	5.	0,008	M114	0,254	HL 20305	1	
	63,500	67,716	35,130	3,275		0,059					
	46,760	49,987	18,540	1,568			M157	0,000	NB 20331	1	025 NS 20333 000
	46,878	50,013	19,050	1,593							
	46,760	49,987	24,090	1,568			M157	0,000	NB 20332	3	
	46,780	50,013	24,590	1,593							
12 L, 19 L R 4 Diesel, 2496 cm³, 83 - 90 kW (113 - 122 PS), 19,5:1 DISCOVERY I 2.5 D DISCOVERY I 2.5 TDI	58,725	62,433	24,690	1,823		0,025	M901	0,000	PL 20302	4	025 PS 20303 200
	58,744	62,446	25,070	1,832		0,075		0,254			210
	70,740	85,600		2,311			M250	0,000	AL 20654	2	137 AS 20655 000
	70,990	85,850		2,362							

Ø 90,5

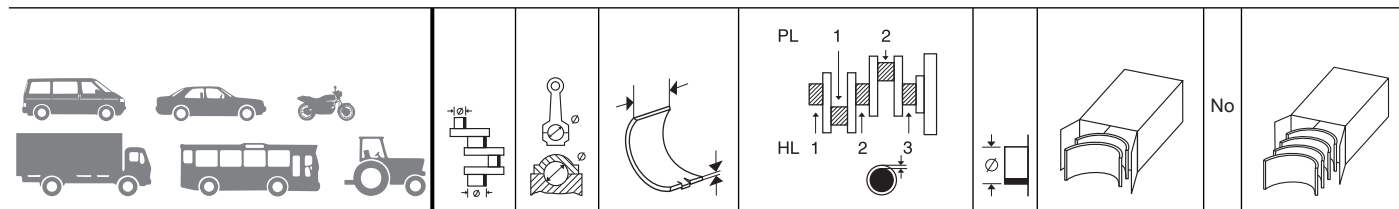
8

23 J R 4 Diesel, 2286 cm³, 46 kW (63 PS), 8 Ventile 88/109 2.3 D	46,760	49,987	18,540	1,568			M157	0,000	NB 20331	1	025 NS 20333 000
	46,878	50,013	19,050	1,593							
	46,760	49,987	24,090	1,568			M157	0,000	NB 20332	3	
	46,780	50,013	24,590	1,593							
	70,740	85,600		2,311			M250	0,000	AL 20654	2	137 AS 20655 000
	70,990	85,850		2,362							



LANDROVER (SANTANA)

Ø 75											1
DV6ATED4 R 4 Diesel, 1560 cm³, 66 kW (90 PS), 18:1, 16 Ventile	46,975	50,655	16,750	1,81		0,035	M331	0,000	PL 21022	4	039 PS 21023 000
	46,991	50,674	17,000	1,82		0,086		0,300			030
PL 21022											

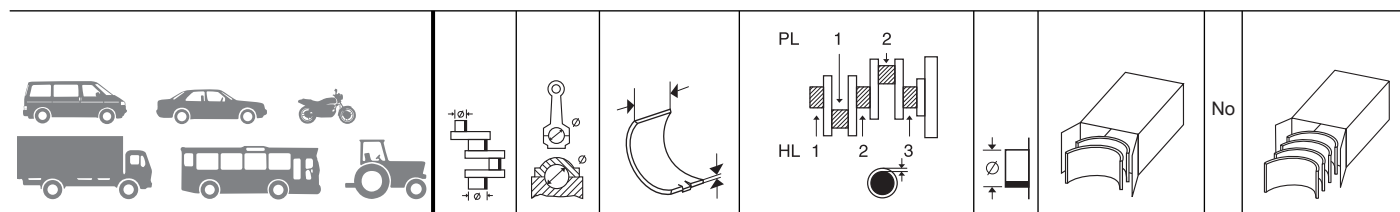


LDV

Ø 94

1

EN 55 R 4 Diesel, 2498 cm³, 53 - 56 kW (72 - 76 PS), 23:1, 8 Ventile	67,000 67,250	84,750 85,000		2,30 2,35			M250	0,000	AL 18015	4	039 AS 18014 000
CONVOY 2.5 D CONVOY 2.5 DI	59,994 60,021	63,731 63,750	29,750 30,000	1,829 1,835	1.3.5.	0,040 0,098	M100	0,000 0,500	HL 10076	3	039 HS 10075 000 050
ET 70 R 4 Diesel, 2496 cm³, 71 - 74 kW (96 - 101 PS), 21:1, 8 Ventile	59,994 60,021	63,731 63,750	23,750 24,000	1,829 1,835	2.4.	0,040 0,098	M100	0,000 0,500	HL 18013	2	
400 2.5 TD CONVOY 2.5 D CONVOY 2.5 TDI	54,994 55,021	58,737 58,750	28,750 29,000	1,832 1,845		0,040 0,092	M100	0,000 0,300 0,500 0,800 1,000	PL 10064	4	039 PS 10074 000 030 050 080 100



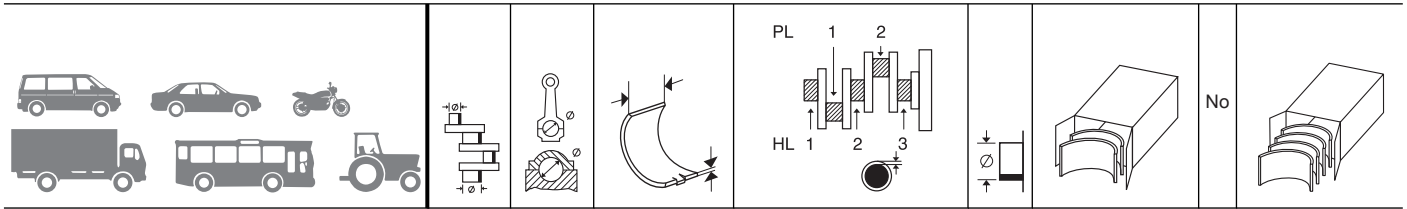
LEYLAND

Ø 104,18 1

375 R 6 Diesel, 6170 cm ³	81,790	103,840		2,311			M157	0,000	AL 20426	4	137 AS 20427 200
	82,040	104,090		2,362							
	78,740	82,880	40,400	2,027	1.4.7.	0,048	M800	0,000	HL 20421	3	137 HS 20423 200
78,752	82,905	40,600	2,04		0,111						
	78,740	82,880	27,200	2,027	2.3.5.6.	0,048	M800	0,000	HL 20422	4	
	78,752	82,905	27,400	2,04		0,111					

Ø 107,29 2

SW 400 R 6 Diesel, 6540 cm ³ , 92 kW (125 PS), 16:1, Hub 120.7mm	92,500	111,450		2,312			M30	0,000	AL 20137	4	553 AS 20138 200 210 220 230 240	
	92,750	111,700		2,362				0,254 0,508 0,762 1,016				
	22,219	36,824	35,200	2,10			M100	Semi	BB 20162	6		553 BS 20163 300
	22,238	36,849	35,700	2,25								
	88,895	93,040	40,400	2,03		0,065	M800	0,000	HL 20134	3		
88,913	93,065	40,650	2,04		0,110		0,254 0,508 0,762 1,016 1,270					
	88,895	93,040	27,200	2,03		0,065	M800	0,000	HL 20135	4		
	88,913	93,065	27,450	2,04		0,110		0,254 0,508 0,762 1,016 1,270				
	60,955	64,592	34,550	1,783		0,033	M800	0,000	PL 20132	6	553 PS 20133 200	
	60,973	64,592	34,800	1,793		0,084		0,254 0,508 0,762 1,016 1,270				

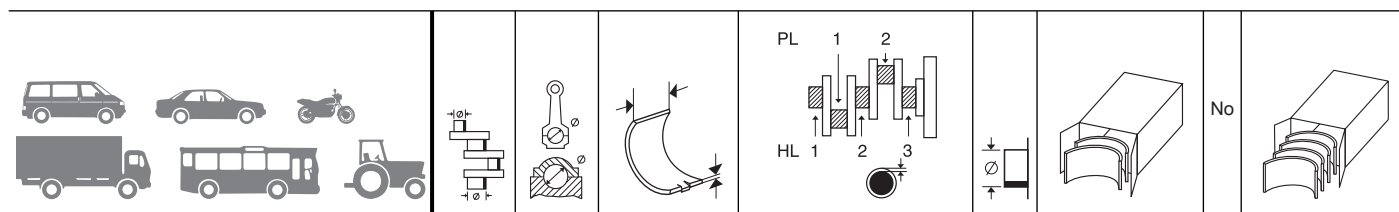


LEYLAND-DAF

Ø 130

1

WS 225 ATi, WS 259 ATi, WS 282 ATi, WS 295 ATi R 6 Diesel, 11630 cm³, 225 - 295 kW (306 - 401 PS), 14,5:1	97,990 98,010	103,073 103,099	38,900 39,100	2,484 2,496	1.	0,070 0,141	M800	0,000 0,250 0,500	HL 18206	1	213 HS 18657 000 025 050
	97,990 98,010	103,073 103,099	31,800 32,000	2,484 2,496	2.3.5.6.	0,070 0,141	M800	0,000 0,250 0,500	HL 18207	4	
	97,990 98,011	103,073 103,099	51,900 52,100	2,484 2,496	4.7.	0,070 0,141	M800	0,000 0,250 0,500	HL 18208	2	



LIEBHERR

Ø 115 1

D 904 NA R 4 Diesel, 5608 cm³, 60 - 70 kW (82 - 95 PS), 17:1		49,000 49,016	36,250 36,750	2,21 2,31			M100	Semi	BB 21046	4	439 BS 21064 300
	97,966 97,988	104,000 104,022	28,650 28,900	2,963 2,975		0,062 0,130	M900	0,000 0,250 0,500 0,750 1,000	HL 20907	5	439 HS 20908 000 025 050 075 100
74,971 74,990	80,000 80,019	33,650 33,900	2,463 2,475		0,060 0,122	M900	0,000 0,250 0,750 1,000	PL 20909	4	439 PS 20910 000 025 075 100	

PL 20909



Ø 115 2

D 904 T R 4 Diesel, 5608 cm³, 99 kW (135 PS), 16:1, Turbo		49,000 49,016	36,250 36,750	2,21 2,31			M100	Semi	BB 21046	4	439 BS 21064 300
	97,966 97,988	104,000 104,022	28,650 28,900	2,963 2,975		0,062 0,130	M900	0,000 0,250 0,500 0,750 1,000	HL 20907	5	439 HS 20908 000 025 050 075 100
74,971 74,990	80,000 80,019	33,650 33,900	2,463 2,475		0,060 0,122	M900	0,000 0,250 0,750 1,000	PL 20909	4	439 PS 20910 000 025 075 100	

PL 20909



Ø 115 3

D 904 TB R 4 Diesel, 5608 cm³, 66 - 77 kW (90 - 105 PS), 17:1, Turbo		49,000 49,016	36,250 36,750	2,21 2,31			M100	Semi	BB 21046	4	439 BS 21064 300
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Ø 115 4

D 906 NA, D 906 T, D 906 TB R 6 Diesel, 8412 cm³, 112 - 147 kW (152 - 200 PS), 16:1 - 17:1		49,000 49,016	36,250 36,750	2,21 2,31			M100	Semi	BB 21046	6	439 BS 21047 300
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Ø 115 5

D 906 Ti R 6 Diesel, 8410 cm³, 169 kW (229 PS), Turbo	97,966 97,988	104,000 104,022	28,650 28,900	2,963 2,975		0,062 0,130	M900	0,000 0,250 0,500 0,750 1,000	HL 20907	7	439 HS 21054 000 025 050 075 100
	74,971 74,990	80,000 80,019	33,650 33,900	2,463 2,475		0,060 0,122	M900	0,000 0,250 0,500 0,750 1,000	PL 20909	6	439 PS 21055 000 025 050 075 100

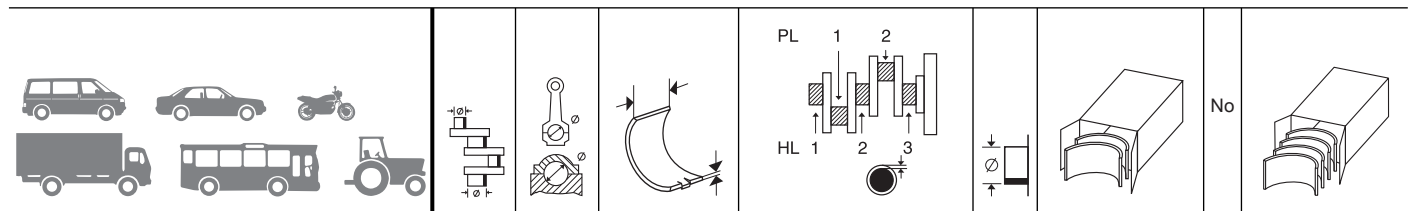
PL 20909



Ø 120 6.1


D 914 T 4 Diesel, 6100 cm³, 105 kW (142 PS), Turbo		49,000 49,016	36,250 36,750	2,21 2,31			M100	Semi	BB 21046	4	439 BS 21064 300
	97,966 97,988	104,000 104,022	28,650 28,900	2,963 2,975		0,062 0,130	M900	0,000 0,250 0,500 0,750 1,000	HL 20907	5	439 HS 20908 000 025 050 075 100

Fortsetzung nächste Seite / Continued on next page



Ø 120 - Fortsetzung / Continued

6.2

D 914 T 4 Diesel, 6100 cm³, 105 kW (142 PS), Turbo	74,971	80,000	33,650	2,463		0,060	M900	0,000	PL 20909	4	439 PS 20910 000
	74,990	80,019	33,900	2,475		0,122		0,250 0,750 1,000			
PL 20909 											


Ø 120

7

D 914 TI 4 Diesel, 6100 cm³, 124 kW (168 PS), Turbo		49,000 49,016	36,250 36,750	2,21 2,31			M100	Semi	BB 21046	4	439 BS 21064 300
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Ø 120

8

D 916 T/TI 6 Diesel, 9200 cm³, 170 kW (231 PS), Turbo		49,000 49,016	36,250 36,750	2,21 2,31			M100	Semi	BB 21046	6	439 BS 21047 300
	74,971 74,990	80,000 80,019	33,650 33,900	2,463 2,475		0,060 0,122	M900	0,000 0,250 0,500 0,750 1,000	PL 20909	6	439 PS 21055 000 025 050 075 100
PL 20909 											


Ø 122

9

D 924 T R 4 Diesel, 6640 cm³, 128 kW (174 PS), 17,2:1, 8 Ventile	74,971 74,990	80,000 80,019	33,650 33,900	2,463 2,475		0,060 0,122	M900	0,000 0,250 0,750 1,000	PL 20909	4	439 PS 20910 000 025 075 100
	PL 20909 										


Ø 122

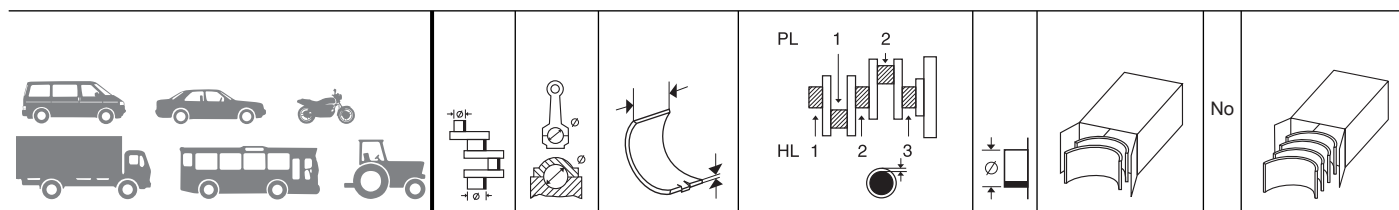
10

D 924 TI R 4 Diesel, 6640 cm³, 180 kW (245 PS), 17,2:1, 8 Ventile	97,966 97,988	104,000 104,022	28,650 28,900	2,963 2,975		0,062 0,130	M900	0,000 0,250 0,500 0,750 1,000	HL 20907	5	439 HS 20908 000 025 050 075 100
	74,971 74,990	80,000 80,019	33,650 33,900	2,463 2,475		0,060 0,122	M900	0,000 0,250 0,750 1,000	PL 20909	4	439 PS 20910 000 025 075 100
PL 20909 											

Ø 122

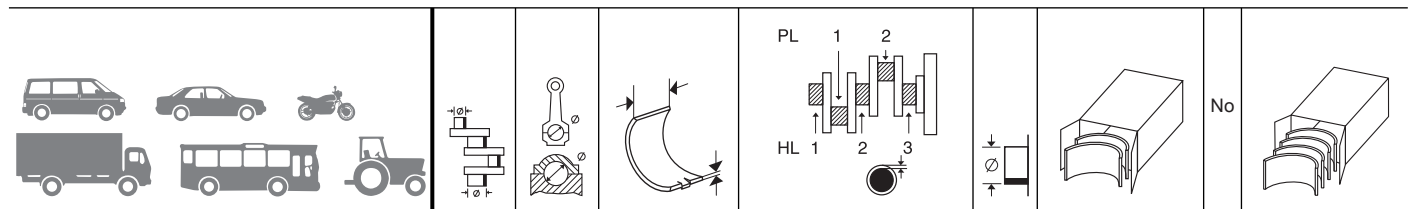
11

D 926 TI-E R 6 Diesel, 9960 cm³, 240 - 270 kW (326 - 367 PS), 17,2:1, 12 Ventile		49,000 49,016	36,250 36,750	2,21 2,31			M100	Semi	BB 21046	6	439 BS 21047 300
	97,966 97,988	104,000 104,022	28,650 28,900	2,963 2,975		0,062 0,130	M900	0,000 0,250 0,500 0,750 1,000	HL 20907	7	439 HS 21054 000 025 050 075 100
74,971 74,990	80,000 80,019	33,650 33,900	2,463 2,475		0,060 0,122	M900	0,000 0,250 0,500 0,750 1,000	PL 20909	6	439 PS 21055 000 025 050 075 100	
PL 20909 											



MAN

Ø 100											1
D 2866 LF 43 Kompressor	103,980 104,000	111,000 111,022	36,000	3,468 3,478			M900	0,000	HL 21012	7	227 HS 21013 000
Ø 108											2
D 0824 FL 01, D 0824 LE 301, D 0824 LFG 01, D 0824 LFL 04, D 0824 LFL 06, D 0824 LFL 07, D 0824 LFL 08, D 0824 LFL 10, D 0824 LFO 01, D 0824 LOH 02, D 0824 LOH 03, D 0824 LOH 04, D 0824 LUE 521, D 0824 LUE 522, D 0824 LUE 523, D 0824 LUE 524, Euro 1 R 4 Diesel, 4580 cm³, 75 - 162 kW (102 - 220 PS), Turbo, LLK, 8 Ventile 10.163 05/1994...01/1995 8.103 10/1993...06/1996 8.113 08/1995...09/2000 9.163 05/1994...03/1997 12.163 08/1995...	76,981 77,000	82,000 82,022	33,770 33,830	2,468 2,48		0,040 0,106	M800	0,000 0,250	FL 20018	1	227 HS 20019 000 025
	76,981 77,000	82,000 82,022	25,700 25,900	2,468 2,48		0,040 0,106	M800	0,000 0,250	HL 20017	4	
Ø 108											3
D 0824 GF, D 0824 GF01, D 0824 GF02, D 0824 GF03, D 0824 LF 01, D 0824 LF 02, D 0824 LFL 01, D 0824 LFL 02, D 0824 LFL 05, D 0824 LFL 09, D 0824 LOH 01, D 0824 LOH 05 R 4 Diesel, 4580 cm³, 75 - 118 kW (102 - 160 PS), 16,5:1 - 18:1, Hub 125mm, 12 Ventile 6.100 09/1987...10/1993 10.153 10/1993...06/1996 8.153 10/1993...07/1997 8.163 05/1994...09/2000 9.163 05/1994... 12.163 08/1995... 14.152 05/1994...06/1996 14.162 08/1995...06/1996	76,981 77,000	82,000 82,022	33,770 33,830	2,468 2,48		0,040 0,106	M800	0,000 0,250	FL 20018	1	227 HS 20019 000 025
	76,981 77,000	82,000 82,022	25,700 25,900	2,468 2,48		0,040 0,106	M800	0,000 0,250	HL 20017	4	
	76,981 77,000	82,000 82,022	33,770 33,830	2,593 2,73		0,040 0,106	M780	0,250 0,500	FL 20670	1	227 HS 20672 025 050
	76,981 77,000	82,000 82,022	25,700 25,900	2,593 2,73		0,040 0,106	M800	0,250 0,500	HL 20017	4	
Ø 108											4
D 0824 GF04, D 0824 LFL 03, D 0824 LFO 02, E 0824 E 302, E 0824 E 302, Euro 1 R 4 Diesel, 4580 cm³, 34 - 118 kW (46 - 160 PS), 12,5:1 - 18:1, 8 Ventile	76,981 77,000	82,000 82,022	33,770 33,830	2,468 2,48		0,040 0,106	M800	0,000 0,250	FL 20018	1	227 HS 20019 000 025
	76,981 77,000	82,000 82,022	25,700 25,900	2,468 2,48		0,040 0,106	M800	0,000 0,250	HL 20017	4	
Ø 108											5
D 0824 LF 03, D 0824 LF 04, D 0824 LF 05, D 0824 LF 06, D 0824 LF 07, D 0824 LF 08, D 0824 LF 09, D 0824 LF 10, Euro 1 R 4 Diesel, 4580 cm³, 114 - 118 kW (155 - 160 PS), 16,5:1, 8 Ventile	76,981 77,000	82,000 82,022	33,770 33,830	2,593 2,73		0,040 0,106	M780	0,250 0,500	FL 20670	1	227 HS 20672 025 050
	76,981 77,000	82,000 82,022	25,700 25,900	2,593 2,73		0,040 0,106	M800	0,250 0,500	HL 20017	4	



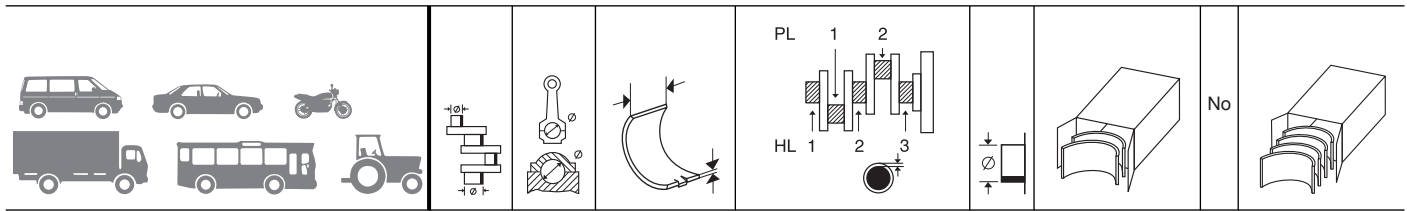
Ø 108 6

D 0826 F, D 0826 F 01, D 0826 F 02, D 0826 FO, D 0826 FO 01, D 0826 FO 02, D 0826 FR, D 0826 FR 01, D 0826 FR 02, D 0826 GF, D 0826 GF01, D 0826 GF02, D 0826 GF 03, D 0826 GF 04, D 0826 GFA, D 0826 GFA 01, D 0826 GFA 02, D 0826 GFA 03, D 0826 GFA 04, D 0826 LE 521, D 0826 LE 524, D 0826 LE 527, D 0826 LE 530, D 0826 LE 531, D 0826 LF, D 0826 LF01, D 0826 LF02, D 0826 LF04, D 0826 LF05, D 0826 LF06, D 0826 LF07, D 0826 LF08, D 0826 LF09, D 0826 LF11, D 0826 LF13, D 0826 LF15, D 0826 LF17, D 0826 LF18, D 0826 LFG 01, D 0826 LFG 02, D 0826 LFG 06, D 0826 LFG 15, D 0826 LFG 16, D 0826 LFL 09, D 0826 LOH 01, D 0826 LOH 02, D 0826 LOH 03, D 0826 LOH 04, D 0826 LOH 05, D 0826 LUH 03, D 0826 LUH 04, D 0826 LUH 213, D 0826 OH, D 0826 OH01, D 0826 OH 02, D 0826 OH03 R 6 Diesel, 6871 cm³, 107 - 198 kW (146 - 269 PS), Hub 125mm 10.150 09/1987...10/1993 9.150 09/1987...05/1995 15.263, 15.264 08/1995... 12.152 12/1988...05/1994 12.192 07/1990...06/1996 14.232 08/1988...06/1996 17.222 05/1994...06/1996 17.272 10/1992...05/1995 18.232 09/1990...06/1996 18.272 10/1992...06/1996 24.192 07/1989...06/1996 D 0826 LF/217/Silent, D 0826 LUE 51 R 6 Diesel, 6870 cm³, 132 - 198 kW (180 - 269 PS), 16,5:1 - 17:1, 12 Ventile 17.232 05/1990...04/1995 D 0826 LFL 03, D 0826 LFL 06, D 0826 LFL 07, D 0826 LFL 08, D 0826 LFL 10, D 0826 LUH 01, D 0826 LUH 02, D 0826 LUH 05, D 0826 LUH 06, D 0826 LUH 08, D 0826 LUH 10, D 0826 LUH 12, D 0826 LUH 13 R 6 Diesel, 6600 cm³, 169 - 198 kW (230 - 269 PS), 16,5:1, Turbo, LLK 8.223 10/1993...06/1996 8.224 05/1994...01/1995 8.225 09/2000... 9.224 05/1994... 12.224, 12.225 08/1995... D 0826 TE 520 R 6 Diesel, 6596 cm³, 121 - 125 kW (165 - 170 PS), 12 Ventile D 0826 TF, D 0826 TOH R 6 Diesel, 6590 cm³, 137 kW (186 PS), 18:1, Turbo 14.192 08/1988...06/1990	76,981 77,000	82,000 82,022	33,770 33,830	2,468 2,48		0,040 0,106	M780	0,000 0,250	FL 20670	1	227 HS 20671 000 025
	76,981 77,000	82,000 82,022	25,700 25,900	2,468 2,48		0,040 0,106	M800	0,000 0,250	HL 20017	6	

Ø 108 7.1

D 0826 LE 10, D 0826 LE 102, D 0826 LE 103, D 0826 LE 51, D 0826 LE 52, D 0826 LE 522, D 0826 LE 523, D 0826 LFL, D 0826 LFL01, D 0826 LFL 02, D 0826 LFL 05, D 0826 LUH 11, E 0826 E 302 R 6 Diesel, 6871 cm³, 59 - 169 kW (80 - 230 PS), Hub 125mm, Turbo 9.223 10/1993...06/1996 D 0826 LUE501, D 0826 LUE503, D 0826 TUE501 6 Diesel, , 96 - 100 kW (130 - 200 PS), Hub 125mm, Turbo, LLK D 0826 LUH 09 R 6 Diesel, 6600 cm³, 169 - 198 kW (230 - 269 PS), 16,5:1	76,981 77,000	82,000 82,022	33,770 33,830	2,468 2,48		0,040 0,106	M780	0,000 0,250	FL 20670	1	227 HS 20671 000 025
	76,981 77,000	82,000 82,022	25,700 25,900	2,468 2,48		0,040 0,106	M800	0,000 0,250	HL 20017	6	

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Ø 108 - Fortsetzung / Continued

7.2

D 0826 TOH 01 R 6 Diesel, 6596 cm³, 130 kW (177 PS), 17:1, Turbo, 12 Ventile	76,981	82,000	33,770	2,468		0,040	M780	0,000	FL 20670	1	227 HS 20671 000 025
	77,000	82,022	33,830	2,48		0,106		0,250			
D 0826 TUE 51 R 6 Diesel, 6870 cm³, 132 kW (180 PS), 17:1, Turbo, 12 Ventile	76,981	82,000	25,700	2,468		0,040	M800	0,000	HL 20017	6	
	77,000	82,022	25,900	2,48		0,106		0,250			

Ø 108

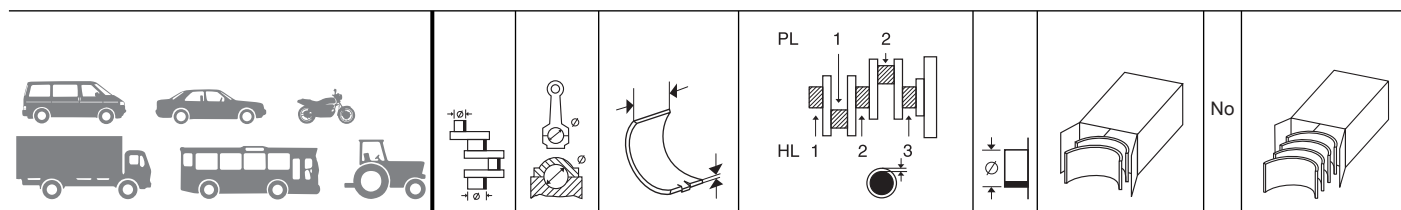
8

D 0834 LFL 01, D 0834 LFL 02, D 0834 LFL 03, D 0834 LFL 41, D 0834 LOH 01, D 0834 LOH 02, D 0834 LOH 03, Euro 3 R 4 Diesel, 4580 cm³, 103 - 132 kW (140 - 180 PS), 17,3:1 - 18:1, Hub 125mm, Turbo, LLLK 10.185 09/2000... 12.185 09/1999...05/2001 8.180 04/2005...	84,500	102,450		2,90			M215	0,000	AL 20873	4	227 AS 20874 000
	84,850	102,800									
D 0836 LF 01, D 0836 LF 02, D 0836 LF 03, D 0836 LF 04, D 0836 LF 05, D 0836 LF 06, D 0836 LF 41, D 0836 LF 43, D 0836 LF 44, D 0836 LFL 01, D 0836 LFL 02, D 0836 LFL 03, D 0836 LFL 04, D 0836 LFL 05, D 0836 LFL 06, D 0836 LFL 40, D 0836 LFL 41, D 0836 LFL 44, D 0836 LOH 01, D 0836 LOH 02, D 0836 LOH 03, D 0836 LOH 40, D 0836 LOH 41, D 0836 LOH 50, D 0836 LUH 01, D 0836 LUH 02, D 0836 LUH 40, D 0836 LUH 41, D 0836 LUH 50, Euro 2 R 6 Diesel, 6871 cm³, 110 - 260 kW (150 - 354 PS), Hub 125mm, Turbo, LLLK 12.225 09/1999...02/2003 8.225 09/2000... 12.285 02/2003... 14.225 09/2000...02/2003 14.255 09/2000...10/2000 14.285 09/1999...12/2005 15.225 09/1999... 15.284 06/1998... 18.224, 18.225 08/1995... 18.225 10/2000... 18.255 09/1999...05/2001 18.284 06/1998...12/2005 19.284, 19.285 05/2001... 25.284 02/2000... 26.330 11/2002... 10.240 04/2005... 13.240 04/2006... 18.240 10/2005...05/2006 18.280 10/2005...											

Ø 108

9

E 0834 E 302, E 0834 E 312 R 4 Gas, 4580 cm³, 37 - 62 kW (50 - 84 PS), 13:1, Hub 125mm, 8 Ventile	84,500	102,450		2,90			M215	0,000	AL 20873	4	227 AS 20874 000 04/2003...
	84,850	102,800									
E 0836 E 302, E 0836 E 312, E 0836 LE 202 R 6 Gas, 6871 cm³, 56 - 110 kW (76 - 150 PS), 11:1 - 13:1, Hub 125mm, 12 Ventile											



Ø 120 10

<p>D 2066 LF 01, D 2066 LF 02, D 2066 LF 03, D 2066 LF 04, D 2066 LF 06, D 2066 LF 11, D 2066 LF 12, D 2066 LF 13, D 2066 LF 14, D 2066 LF 21, D 2066 LF 31, D 2066 LF 32, D 2066 LF 33, D 2066 LF 35, D 2066 LOH 01, D 2066 LOH 02, D 2066 LOH 03, D 2066 LOH 04, Euro 3 R 6 Diesel, 10520 cm³, 199 - 397 kW (270 - 540 PS), 19:1 - 20,5:1, Hub 155mm, Turbo, LLK, 4 Ventile</p> <p>18.350, 18.360 05/2004... 18.390 05/2004...06/2008 24.350, 24.360 02/2004... 26.310, 26.320 01/2004...06/2005 26.350, 26.360 01/2004...07/2005 26.390 01/2004...06/2008 26.430, 26.440 02/2004...06/2005 28.310, 28.320 09/2002...07/2006 28.350, 28.360 06/2004... 32.350, 32.360 02/2004...05/2004 33.350, 33.360 05/2004...09/2007 33.430, 33.440 05/2004...06/2005 35.350 02/2004...06/2008 35.430, 35.440 02/2004...07/2006 37.350, 37.360 12/2004... 39.430 07/2006... 40.390, 40.400 06/2005... 40.430 06/2005...06/2008 41.390, 41.400 12/2004...12/2008 41.430 12/2004...07/2008 18.430 05/2004...10/2007 26.350 10/2007... 26.430 12/2000...10/2007 28.350 02/2004...08/2008 28.430 05/2004...08/2008 32.350 08/2008... 32.390 06/2008... 41.350 09/2007... 41.400 07/2008...</p> <p>D 2066 LF 22, D 2066 LOH 05, D 2066 LOH 06, D 2066 LOH 07, D 2066 LOH 08, D 2066 LOH 10, D 2066 LOH 11, D 2066 LOH 12, D 2066 LOH 28, D 2066 LUH 32, D 2066 LUH 33, Euro 5 R 6 Diesel, 10518 cm³, 0 - 324 kW (0 - 441 PS), Hub 155mm, Turbo, LLK, 4 Ventile</p>	103,980 104,000	111,000 111,022	36,000	3,466 3,478			M900	0,000 0,250 0,500	HL 21012	7	227 HS 21013 000 025 050
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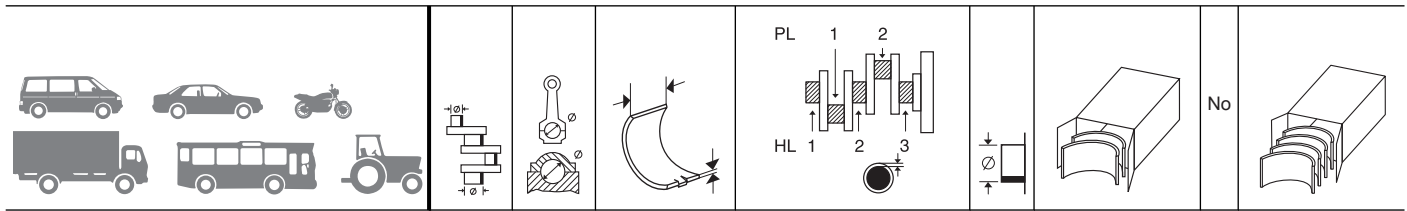
Ø 120 11

<p>D 2066 LF 07, Euro 3 R 6 Diesel, 10518 cm³, 265 kW (360 PS), 19:1, Hub 155mm, Turbo, LLK, 24 Ventile</p> <p>18.360 01/2006... 26.360 05/2004... 33.350, 33.360 05/2004...06/2005 33.360 09/2007...06/2008 41.360 12/2004...09/2007 21.360 10/2007... 40.360 06/2008...</p> <p>D 2066 LF 34, Euro 4 R 6 Diesel, 10520 cm³, 324 - 0 kW (441 - 0 PS), 20,5:1, Hub 155mm, Turbo, LLK, 24 Ventile</p>	103,980 104,000	111,000 111,022	36,000	3,466 3,478			M900	0,000 0,250 0,500	HL 21012	7	227 HS 21013 000 025 050
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Ø 120 12.1

<p>D 2066 LF 17, D 2066 LF 18, D 2066 LF 19, D 2066 LF 20, D 2066 LF 51, D 2066 LF 52, D 2066 LF 53, D 2066 LF 59, D 2066 LF 60, D 2066 LOH 13, D 2066 LOH 26, D 2066 LUH 34, D 2066 LUH 41, D 2066 LUH 42, D 2066 LUH 43, D 2066 LUH 46, D 2066 LUH 47, D 2066 LUH 48 R 6 Diesel, 10518 cm³, 206 - 294 kW (280 - 400 PS), 24 Ventile</p> <p>24.320 10/2007... 32.360 08/2008...</p>	103,980 104,000	111,000 111,022	36,000	3,466 3,478			M900	0,000	HL 21012	7	227 HS 21013 000
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Ø 120 - Fortsetzung / Continued

12.2

D 2066 LUH 07, D 2066 LUH 08, D 2066 LUH 09, D 2066 LUH 11, D 2066 LUH 12, D 2066 LUH 13, D 2066 LUH 14, D 2066 LUH 15, D 2066 LUH 21, D 2066 LUH 22, D 2066 LUH 23, D 2066 LUH 24, Euro 3 R 6 Diesel, 10520 cm³, 199 - 397 kW (270 - 540 PS), 20,5:1, Hub 155mm, 24 Ventile	103,980	111,000	36,000	3,466			M900	0,000	HL 21012	7	227 HS 21013 000
	104,000	111,022		3,478							

Ø 125

13

D 2530 ME, D 2530 MF, D 2530 MXF V 10 Diesel, 15945 cm³, 156 - 235 kW (212 - 320 PS), 17:1, Hub 130mm	103,980	111,000	37,740	3,46	6.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10007 000
	104,000	111,022	37,810	3,472				0,250 0,500	025 050		025 050
D 2530 MTE, D 2530 MTXF V 10 Diesel, 15900 cm³, 223 - 294 kW (303 - 400 PS), 17:1, Hub 130mm, Turbo	103,980	111,000	30,250	3,46	1.2.3.4.5.	0,056	M114	0,000	001 HL 10267 000	5	025 050
	104,000	111,022	30,500	3,472				0,250 0,500			
D 2540 MT, D 2540 MTE, D 2540 MTF V 10 Diesel, 17426 cm³, 287 - 405 kW (390 - 551 PS), 17:1, Hub 142mm, Turbo	103,980	111,000									
	104,000	111,022									

Ø 125

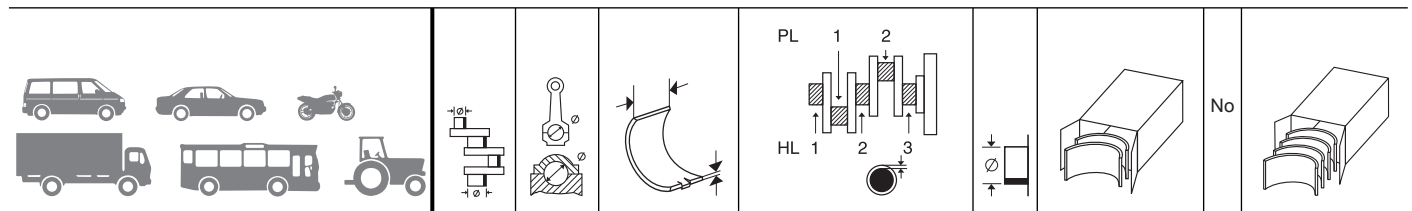
14

D 2538 M, D 2538 ME, D 2538 MF V 8 Diesel, 12756 cm³, 160 - 188 kW (218 - 256 PS), 17:1, Hub 130mm	103,980	111,000	37,740	3,46	5.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10003 000
	104,000	111,022	37,810	3,472				0,250 0,500	025 050		025 050 075 100
D 2538 MT, D 2538 MTE, D 2538 MTH V 8 Diesel, 12763 cm³, 178 - 235 kW (242 - 320 PS), 17:1, Hub 130mm	103,980	111,000	30,250	3,46	1.2.3.4.	0,056	M114	0,000	001 HL 10267 000	4	025 050 075 100
	104,000	111,022	30,500	3,472				0,250 0,500 0,750 1,000			
D 2548 MT, D 2548 MTF V 8 Diesel, 13940 cm³, 264 kW (360 PS), 17:1, Turbo	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1	001 NS 10545 000
	69,940	76,030									
	69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4	
	69,940	75,030	28,000								
	69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300
	69,940	76,030									
	69,910	75,000	27,500	2,50			M157	Semi	NB 10245	4	
	69,940	75,030	28,000								
	89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000	8	001 PS 10002 000
	90,000	95,022	31,000	2,473		0,116		0,250 0,500 0,750 1,000	025 050 075 100		025 050 075 100

Ø 125

15

D 2542 MTE V 12 Diesel, 20190 cm³, 311 - 405 kW (423 - 551 PS), 17:1, Hub 142mm, Turbo	103,980	111,000	37,740	3,46		0,044	M114	0,000	001 FL 10328 000	1	001 HS 10746 000
	104,000	111,022	37,810	3,472				0,500	050		050
	103,980	111,000	30,250	3,46		0,056	M114	0,000	001 HL 10267 000	6	
	104,000	111,022	30,500	3,472		0,122		0,500	050		



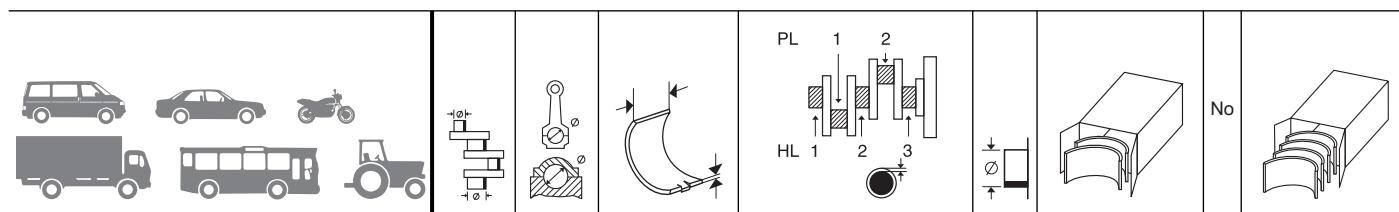
Ø 126												16
D 2676 LF 01, D 2676 LF 02, D 2676 LF 03, D 2676 LF 05, D 2676 LF 06, D 2676 LF 07, D 2676 LF 11, D 2676 LF 12, D 2676 LF 13, D 2676 LF 14, D 2676 LF 21, D 2676 LF 22, D 2676 LOH 01, D 2676 LOH 02 R 6 Diesel, 12419 cm³, 324 - 397 kW (440 - 540 PS), 19:1, Turbo, LLK 35.480 02/2004...08/2008 37.480 02/2006...07/2008 39.480 07/2006... 40.480 06/2005...06/2008 18.480 01/2006...10/2007 19.480 02/2006... 32.440 08/2008... 33.480 01/2006...01/2014 33.540 10/2007... 41.480 02/2006...12/2008 18.540 08/2006...10/2007 26.480 01/2006...02/2009 26.540 08/2006...10/2012 28.480 02/2006...08/2008 28.540 08/2006...02/2009 41.540 11/2006...02/2009 D 2676 LF 04, Euro 4 R 6 Diesel, 12412 cm³, 324 kW (440 - 441 PS), 19:1, Turbo, LLK, 24 Ventile 26.440 02/2006...02/2009 27.440 10/2008... 41.440 12/2004...06/2008 19.440 02/2006... 21.440 10/2007... 33.440 06/2005...		103,980 104,000	111,000 111,022	36,000	3,466 3,478			M900	0,000 0,250 0,500	HL 21012	7	227 HS 21013 000 025 050

Ø 126												17
D 2676 LF 15, D 2676 LF 16, D 2676 LOH 03, D 2676 LOH 10, D 2676 LOH 26, D 2676 LOH 28, Euro 5 R 6 Diesel, 12419 cm³, 324 - 371 kW (440 - 505 PS), 17:1 - 19:1, Hub 166mm, Turbo, LLK, 24 Ventile 33.480 10/2007... D 2676 LOH 04, D 2676 LOH 18, D 2676 LOH 27 R 6 Diesel, 12412 cm³, 338 - 353 kW (460 - 480 PS), 19:1, 24 Ventile		103,980 104,000	111,000 111,022	36,000	3,466 3,478			M900	0,000	HL 21012	7	227 HS 21013 000

Ø 128												18
D 2840 V 10 Diesel, 18283 cm³, 268 kW (364 PS), Hub 142mm 103,980 111,000 37,740 3,46 6. 0,044 M114 0,000 104,000 111,022 37,810 3,472 0,110 0,250 0,500 D 2840 LE 203, D 2840 LF 25 V 10 Diesel, 18270 cm³, 485 - 545 kW (660 - 741 PS), Hub 142mm, Turbo, LLK, 2 Ventile 41.660 09/2002...		103,980 104,000	111,000 111,022	30,250 30,500	3,46 3,472	1.2.3.4.5.	0,056 0,122	M114	0,000 0,250 0,500	001 FL 10328 000 025 050	1	001 HS 10007 000 025 050
										001 HL 10267 000 025 050	5	

Ø 128												19.1
D 2842 V 12 Diesel, 21916 cm³, 229 - 400 kW (311 - 544 PS), Hub 142mm 103,980 111,000 37,740 3,46 0,044 M114 0,000 104,000 111,022 37,810 3,472 0,110 0,500 D 2842 LE 201, D 2842 LE 202, D 2842 LE 203, D 2842 LE 402, D 2842 LE 403, D 2842 LE 404, D 2842 LE 405, D 2842 LE 406, D 2842 LE 408, D 2842 LE 409, E 2842 E 312, E 2842 E 312, E 2842 LE 302, E 2842 LE 302, E 2842 LE 312, E 2842 LE 312, E 2842 LE 312, E 2842 LE 322 V 12 Diesel, 21930 cm³, 250 - 1103 kW (339 - 1500 PS), Hub 142mm, Turbo, LLK, 24 Ventile E 2842 E 301, E 2842 E 301, E 2842 E 302, E 2842 E 302 12 Gas, 21900 cm³, 10:1 - 12,5:1, Hub 142mm, 24 Ventile		103,980 104,000	111,000 111,022	30,250 30,500	3,46 3,472		0,056 0,122	M114	0,000 0,500	001 FL 10328 000 050	1	001 HS 10746 000 050
										001 HL 10267 000 050	6	

Fortsetzung nächste Seite / Continued on next page



Ø 128 - Fortsetzung / Continued

19.2

E 2842 E 312 V 12 Gas, 21927 cm ³ , 250 - 280 kW (340 - 381 PS), 11:1, Hub 142mm, 24 Ventile	103,980	111,000	37,740	3,46		0,044	M114	0,000	001 FL 10328 000	1	001 HS 10746 000 050
	104,000	111,022	37,810	3,472		0,110		0,500	050		
	103,980	111,000	30,250	3,46		0,056	M114	0,000	001 HL 10267 000	6	050
	104,000	111,022	30,500	3,472		0,122		0,500	050		

Ø 128

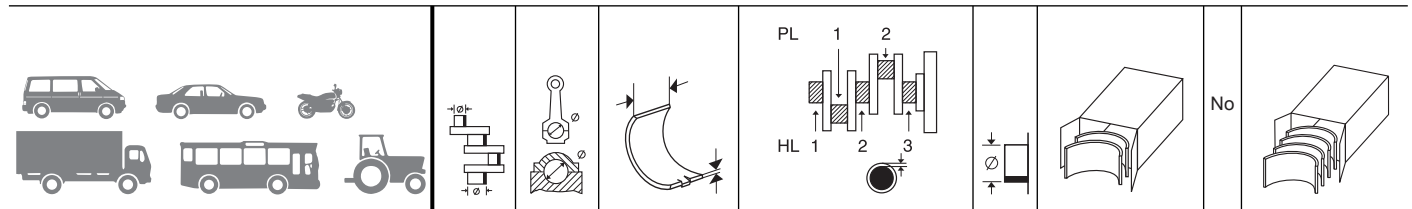
20

D 2848 V 8 Diesel, 14611 cm ³ , 206 kW (280 PS), Hub 142mm	103,980	111,000	37,740	3,46	5.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10003 000 025 050 075 100
	104,000	111,022	37,810	3,472		0,110		0,250 0,500	025 050		
	103,980	111,000	30,250	3,46	1.2.3.4.	0,056	M114	0,000	001 HL 10267 000	4	025 050 075 100
	104,000	111,022	30,500	3,472		0,122		0,250 0,500 0,750 1,000	025 050 075 100		
	89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000	8	001 PS 10002 000 025 050 075 100
	90,000	95,022	31,000	2,473		0,116		0,250 0,500 0,750 1,000	025 050 075 100		

Ø 128

21

D 2848 L, D 2848 LYE, D 2848 M, D 2848 MH, D 2848 TF V 8 Diesel, 14618 cm ³ , 206 - 500 kW (280 - 680 PS), 13,5:1 - 17:1, Hub 142mm, Turbo, LLK	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1	001 NS 10545 000
	69,940	76,030									
	69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4	001 NS 10545 300
	69,940	75,030	28,000								
D 2848 LE, D 2848 LE/T, D 2848 LE 201, D 2848 LE 202, D 2848 LE 203, D 2848 LE 30, D 2848 LE 401, D 2848 LE 403, D 2848 LE 405, D 2848 LXE, D 2848 LZE, D 2848 T V 8 Diesel, 14620 cm ³ , 310 - 588 kW (422 - 800 PS), 13,5:1 - 15,5:1, Hub 142mm, Turbo, LLK	69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300
	69,940	76,030									
D 2848 LYE V 8 Diesel, 14619 cm ³ , 13,5:1, Hub 142mm, Turbo, LLK	69,910	75,000	27,500	2,50			M157	Semi	NB 10245	4	
	69,940	75,030	28,000								

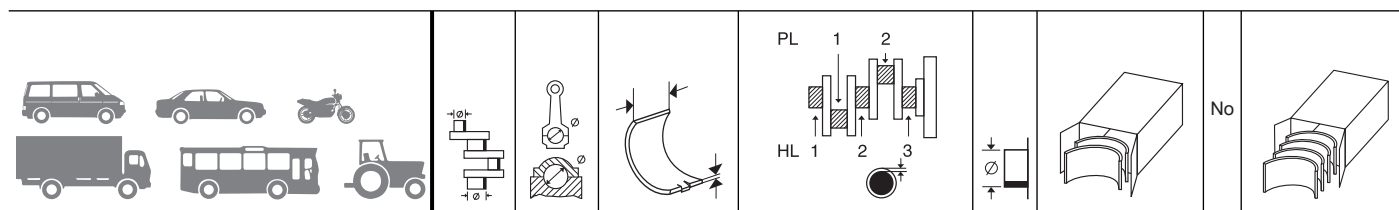


Ø 128

22.1

<p>D 2866 FR, D 2866 LF 14, D 2866 LF 17, D 2866 LF 23, D 2866 LF 24, D 2866 LF 25, D 2866 LF 26, D 2866 LF 27, D 2866 LF 28, D 2866 LF 29, D 2866 LF 30, D 2866 LF 31, D 2866 LF 32, D 2866 LF 34, D 2866 LF 35, D 2866 LF 36, D 2866 LF 37, D 2866 LF 40, D 2866 LOH 03, D 2866 LOH 06, D 2866 LOH 23, D 2866 LOH 25, D 2866 LOH 26, D 2866 LOH 27, D 2866 LOH 28, D 2866 LOH 29, D 2866 LOH 32, D 2866 LOH 33, D 2866 LOH 34, D 2866 LU 01, D 2866 LUH 20, D 2866 LUH 21, D 2866 LUH 22, D 2866 LUH 23, D 2866 LUH 24, D 2866 LUH 25, D 2866 LUH 26, D 2866 LUH 26, D 2866 LUH 29, D 2866 LUH 30, D 2866 LX, D 2866 LXF, E 2866, E 2866 DE, E 2866 DF 01, E 2866 DF 02, E 2866 DF 03, E 2866 DF 04, E 2866 DOH 02, E 2866 DOH 03, E 2866 DOH 04, E 2866 DUH, E 2866 DUH 01, E 2866 DUH 03, E 2866 DUH 04, E 2866 LUH 02, G 2866 DOH 02, G 2866 DOH 03, G 2866 DUH 04, G 2866 DUH 05 R 6 Diesel, 11967 cm³, 122 - 344 kW (166 - 468 PS), 9,5:1 - 19:1, Hub 155mm 35.410 05/2000... 19.233 03/2000... 19.364 06/1998... 26.233 09/1996... 26.364 05/2001... 35.414 05/2001...03/2002 19.362 07/1986...02/1990 19.372 05/1990...04/1995 24.362 10/1986...02/1990 24.372 05/1990...12/1990 25.372 09/1990...10/1993 32.362 03/1988...02/1990 32.372 02/1990...06/1996 33.362 09/1987...02/1990 35.362 10/1988...02/1990 35.372 02/1990...04/1995 48.362 07/1989...02/1990 18.310 04/2000...09/2002 24.410 09/2001... 26.410 04/2000...07/2005 28360 07/2006... 35.310 06/2003... 37.410 12/2004... 40.410 04/2004... D 2876 LE 121, D 2876 LE 122, D 2876 LE 123, D 2876 LF 05, D 2876 LF 18, D 2876 LF 19, D 2876 LF 20, D 2876 LOH 01, D 2876 LOH 02, D 2876 LOH 03, D 2876 LOH 20, D 2876 LOH 21, E 2876 LUH 02, E 2876 LUH 03, G 2876 DUH 01 R 6 Diesel, 12816 cm³, 200 - 390 kW (272 - 530 PS) 18.510 04/2000... 24.510 09/2001... 26.510 12/2000...01/2001 28.510 09/2002...</p>	<p>103,980 104,000</p>	<p>111,000 111,022</p>	<p>36,000</p>	<p>3,466 3,478</p>		<p>M900</p>	<p>0,000</p>	<p>HL 21012</p>	<p>7</p>	<p>No 227 HS 21013 000</p>
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Ø 128 - Fortsetzung / Continued

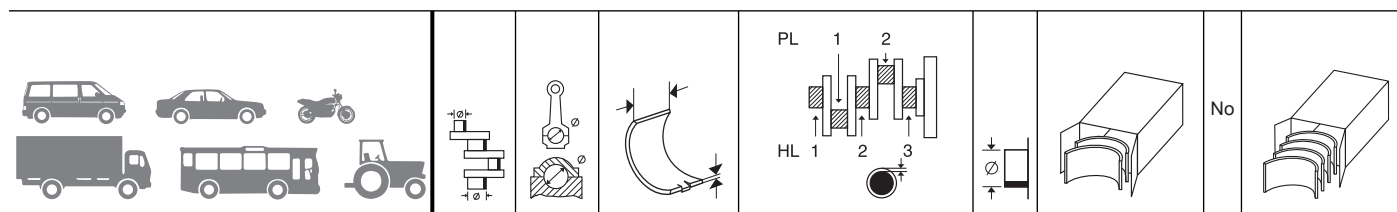
22.2

D 2876 LF 02, D 2876 LF 03, D 2876 LF 04, D 2876 LF 06, D 2876 LF 07, D 2876 LF 11, D 2876 LF 12, D 2876 LF 13, D 2876 LF 25, Euro 2 R 6 Diesel, 12817 cm ³ , 301 - 390 kW (409 - 530 PS), 16,8:1 - 18:1, Hub 166mm, Turbo, LLK 19.460 05/2000... 26.460 04/2000...06/2001 19.464 06/1998... 26.464 05/2001... 35.463 08/1995... 35.464 05/2001...03/2002 40.463 01/1994... 18.460 04/2000...12/2000 18.480 09/2002... 18.530 09/2002...04/2004 19.480 05/2004... 24.530 09/2001... 26.530 01/2001...07/2006 28.390 07/2006... 28.530 09/2002...07/2006 33.530 09/2002...07/2003 35.480 10/2003...07/2006 35.530 04/2004...07/2006 37.460 12/2004... 40.480 04/2004... 41.480 12/2004...07/2006	103,980 104,000	111,000 111,022	36,000	3,466 3,478			M900	0,000	HL 21012	7	227 HS 21013 000
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Ø 128

23

E 2848 LE 322 V 8 Gas, 14618 cm ³ , 265 - 295 kW (360 - 401 PS), 12:1, Hub 142mm, Turbo, LLK, 16 Ventile	103,980 104,000	111,000 111,022	37,740 37,810	3,46 3,472	5.	0,044 0,110	M114	0,000 0,250 0,500	001 FL 10328 000 025 050	1	001 HS 10003 000 025 050 075 100
	103,980 104,000	111,000 111,022	30,250 30,500	3,46 3,472	1.2.3.4.	0,056 0,122	M114	0,000 0,250 0,500 0,750 1,000	001 HL 10267 000 025 050 075 100	4	



MAZDA

Ø 73,7 1

F6JA, F6JB R 4 Diesel, 1399 cm³, 50 kW (68 PS), 17,9:1 2 1.4 D 04/2003...10/2007	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000
	49,981	53,674	19,918	1,837				0,300			030
	44,975	48,655	16,800	1,812		0,036	M330	0,000	PL 21519	4	039 PS 21520 000
	44,991	48,671	17,050	1,818		0,080					

Ø 74 2

J4R, J4T R 4 Benzin, 1299 cm³, 44 kW (60 PS), 8 Ventile 121 III 1.3 I 03/1996...04/2003	56,980	60,623	18,370	1,80			M218	0,000	HL 10057	5	014 HS 10062 000
	57,000	60,636	18,620	1,807		0,009		0,250			025
						0,056		0,500			050

Ø 74 3

JJA R 4 Benzin, 1299 cm³, 37 kW (50 PS), 8,8:1, 8 Ventile	56,980	60,623	18,370	1,80			M218	0,000	HL 10057	5	014 HS 10062 000
	57,000	60,636	18,620	1,807		0,009		0,250			025
						0,056		0,500			050
	40,990	43,990	17,880	1,48		0,006	M218	0,000	PL 10055	4	014 PS 10054 000
	41,010	44,010	18,130	1,487		0,060		0,250			025
								0,500			050
								0,750			075

Ø 82,5 4

RTJ, RTK R 4 Diesel, 1753 cm³, 44 kW (60 PS), 21,5:1 121 III 1.8 D 03/1996...04/2003	53,970	57,683	21,920	1,823	1.	0,021	M780	0,000	HL 20078	1	014 HS 20080 000	
	53,990	57,696	22,170	1,836		0,080		0,250			025	
									0,500			050
	53,970	57,683	22,750	1,823	2.-5.	0,021	M780	0,000	HL 20079	4		
	53,990	57,696	23,000	1,836		0,080		0,250				
									0,500			
	48,970	52,000	21,450	1,482		0,020	M780	0,000	PL 20076	4	014 PS 20077 000	
	48,990	52,020	21,700	1,495		0,086		0,250			025	
								0,500			050	
	PL 20076											

Ø 83 5

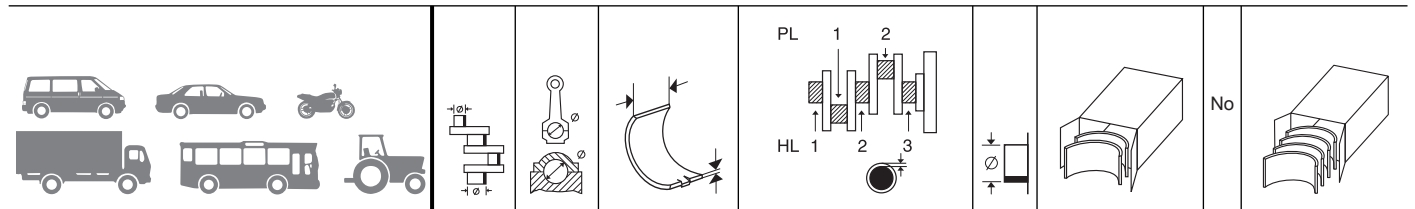
CHBB R 4 Benzin, 1798 cm³, 92 kW (125 PS), 10,8:1, 16 Ventile	57,980	62,287	24,600	2,248	3.	0,025	M810	0,250	FL 20668	1	014 HS 20669 025
	58,000	62,300	24,680	2,256		0,074					
	57,980	62,287	18,960	2,248	1.2.4.5.	0,025	M810	0,250	HL 20667	4	
	58,000	62,300	19,210	2,256		0,074					

Ø 83 6

L813 R 4 Benzin, 1798 cm³, 88 kW (120 PS) 6 1.8 08/2002...08/2007 6 1.8 MZR 08/2007...12/2012	57,980	62,287	24,600	2,248	3.	0,025	M810	0,250	FL 20668	1	014 HS 20669 025	
	58,000	62,300	24,680	2,256		0,074						
	57,980	62,287	18,960	2,248	1.2.4.5.	0,025	M810	0,250	HL 20667	4		
	58,000	62,300	19,210	2,256		0,074						
	46,890	49,890	19,850	1,592		0,030	M810	0,250	PL 20661	4	014 PS 20662 025	
	46,910	49,910	20,100	1,725		0,086						

Ø 86 7

R2 R 4 Diesel, 2184 cm³, 44 - 52 kW (60 - 71 PS), 22,9:1 E 2200 04/1997...07/1999 E 2200 D 01/1984...05/2003	59,940	63,999	19,130	2,007		0,030	M800	0,000	HL 19874	4	627 HS 19872 000	
	59,955	64,019				0,091		0,500			050	
	59,940	63,999	21,130	2,007		0,030	M800	0,000	HL 19875	1		
	59,955	64,019				0,091		0,500				
RF, RF 46, RF 8, RFB R 4 Diesel, 1998 cm³, 45 - 60 kW (61 - 82 PS), 22,7:1 626 II 2.0 D 01/1983...06/1987 626 IV 2.0 D 10/1992...04/1997												

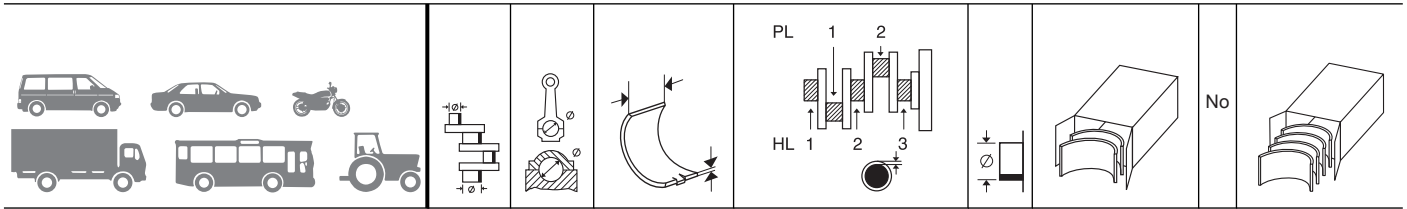


Ø 87,5 **8**

LF17, LF 18 R 4 Benzin, 1999 cm³, 104 - 110 kW (141 - 150 PS), 10,8:1, 4 Ventile	57,980	62,287	24,600	2,248	3.	0,025	M810	0,250	FL 20668	1	014 HS 20669 025
	58,000	62,300	24,680	2,256		0,074					
3 2.0 10/2003...06/2009 3 2.0 MZR 06/2009...10/2013 3 STUFENHECK 2.0 09/2003...06/2006 6 2.0 06/2002...08/2007 6 2.0 MZR 08/2007...04/2010	57,980	62,287	18,960	2,248	1.2.4.5.	0,025	M810	0,250	HL 20667	4	
	58,000	62,300	19,210	2,256		0,074					
	46,890	49,890	19,850	1,592		0,030	M810	0,250	PL 20661	4	014 PS 20662 025
	46,910	49,910	20,100	1,725		0,086					

Ø 91,1 **9**

4G54 R 4 Benzin, 2555 cm³, 73 kW (99 PS), 8,2:1, 8 Ventile	52,973	56,007	25,130	1,743		0,021	M157	0,500	PL 19864	4	676 PS 19861 050
	53,000	56,021				0,076					

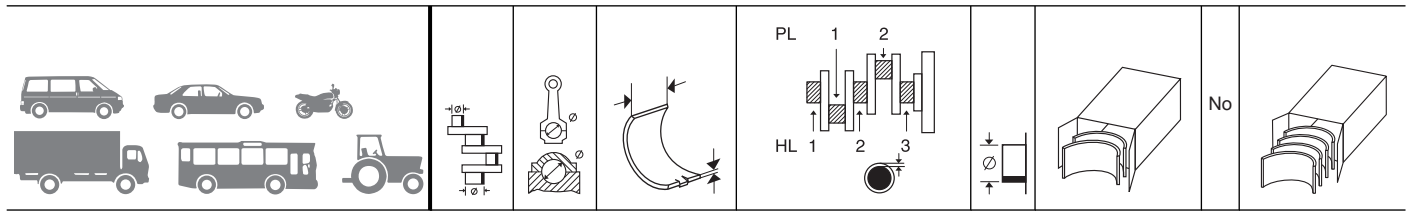


MAZ-MAN

Ø 128

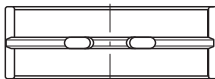


1

<p>D 2866 LF 25, D 2866 LF 31, Euro 3 R 6 Diesel, 11967 cm³, 301 kW (409 PS), 16,8:1, Turbo, LLK, 4 Ventile 26.410, 19.410, 44.410</p> <p>D 2876 LF 06, Euro 2 R 6 Diesel, 12817 cm³, 338 kW (460 PS), 16,8:1, Hub 166mm, Turbo, LLK, 4 Ventile 26.460</p>	<p>103,980 104,000</p>	<p>111,000 111,022</p>	<p>36,000</p>	<p>3,466 3,478</p>			<p>M900</p>	<p>0,000</p>	<p>HL 21012</p>	<p>7</p>	<p>227 HS 21013 000</p>
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MERCEDES-BENZ

Ø 63,5 1

M 160 E6AL B03, M 160 E6AL B04, M 160 E6AL B05 R 3 Benzin, 599 cm³, 33 - 45 kW (45 - 61 PS), 9,5:1, 6 Ventile	52,500	68,250		3,15			M157	0,000	AL 20840	2	222 AS 20841 000
	52,750	68,500		3,20							
	44,950	51,000	15,750	3,022			M157	0,000	HL 20836	4	222 HS 20837 000
	44,965	51,019	16,000	3,03							025
	37,940	41,600	16,750	1,803		0,009	M114	0,000	PL 20838	3	222 PS 20839 000
	37,965	41,616	17,000	1,813		0,070		0,250			025
HL 20836											
PL 20838											

Ø 81 2

M 104.900 VR 6 Benzin, 2792 cm³, 128 kW (174 PS), 10,1:1, 12 Ventile V 280 08/1997...07/2003	65,450	79,760		1,673			M157	0,000	AL 20847	2	029 AS 20848 000
	65,690	80,000		1,723							
		23,000	19,500				M100	Semi	BB 20849	6	029 BS 20850 300
		23,052	20,000								
	59,958	65,000	16,750	2,493		0,020	M810	0,000	HL 20843	7	029 HS 20844 000
	59,978	65,010	17,000	2,501		0,066		0,250			025
								0,500			050
	53,958	56,800	16,750	1,396		0,014	M810	0,000	PL 20851	6	029 PS 20852 000
	53,978	56,819	17,000	1,404		0,069		0,250			025
								0,500			050
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		

Ø 82,9 3

M 103.940 - 943 R 6 Benzin, 2597 cm³, 118 - 125 kW (160 - 170 PS), 9:1 - 9,2:1, 12 Ventile 190 E 2.6 260 E 260 SE 09/1986...08/1993 09/1985...08/1992 09/1985...06/1991	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000
								0,100			010
									0,200		020
	65,800	81,000		2,20			M157	0,000	AL 18749	2	
									0,100		
								0,200			
	57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 HS 10706 000
	57,965	62,519	17,500	2,261		0,063		0,250			025
								0,500			050
	47,950	51,600	21,800	1,814		0,020	M114	0,000	PL 10308	6	001 PS 10710 000
	47,965	51,619				0,065		0,500			050

Ø 83,2 4

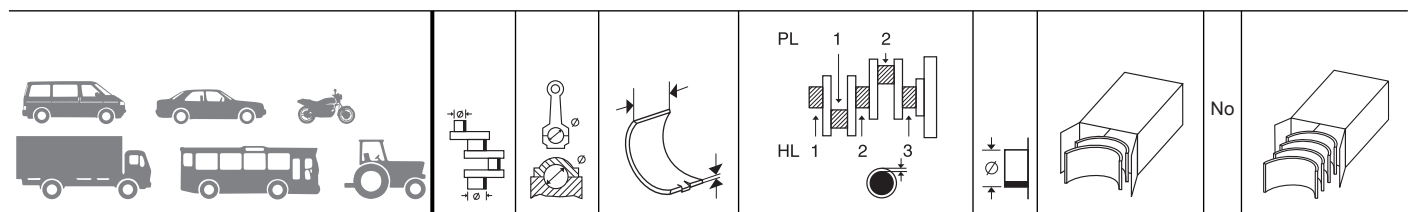
M 112.910 - 911 V 6 Benzin, 2398 cm³, 120 kW (163 PS), 9,8:1, 18 Ventile C 240 E 240 T 06/1997...09/2000 06/1997...03/2003	72,000	83,750		2,65			M157	0,000	AL 20884	4	001 AS 20885 000
	72,250	84,000		2,70							
	22,000	24,500	19,400				M100	Semi	BB 20886	6	001 BS 20887 300
		24,521	19,900								
	63,940	68,500	18,800	2,255		0,009	M916	0,000	HL 20880	4	001 HS 20881 000
	63,965	68,519	19,000	2,263		0,069		0,200			020
	51,940	55,600	19,350	1,804		0,007	M900	0,000	PL 20882	6	001 PS 20883 000
	51,965	55,614	19,600	1,814		0,066		0,200			020

Ø 84,5 5

OM 621.910 R 4 Diesel, 1884 cm³, 37 kW (50 PS), 21:1, 8 Ventile 190 DB PONTON 01/1959...12/1961	26,000	29,000	31,800				M114	Semi	BB 18745	4	001 BS 18751 300
		29,021									

Ø 85 6

M 121.920 R 4 Benzin, 1884 cm³, 59 kW (80 PS), 8,5:1, 8 Ventile 190 B 06/1959...12/1961	26,000	29,000	31,800				M114	Semi	BB 18745	4	001 BS 18751 300
		29,021									



Ø 85,3 **7**

M 111.920 R 4 Benzin, 1799 cm³, 90 kW (122 PS), 9,8:1, 16 Ventile C 180 03/1993...09/2000	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	21,995 22,000	24,500 24,521	21,900	1,38 1,43			M114	Semi	BB 18752	4	001 BS 18782 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075

Ø 86 **8**

M 110.921 - 924, .931 - 932, .981, .983, .991 - 993 R 6 Benzin, 2746 cm³, 90 - 136 kW (122 - 185 PS), 8:1 - 8,7:1, 12 Ventile 280 280 C 280 CE 280 S 280 SE, SEL 06/1972...08/1981 03/1977...03/1980 06/1972...01/1977 08/1972...07/1985 08/1972...07/1980	23,000	26,000 26,021	27,600				M114	Semi	BB 18758	6	001 BS 18759 300
	59,955 59,965	67,000 67,019	28,800 28,860	3,755	3.	0,025 0,079	M114	0,500	FL 10228	1	001 HS 10550 050
	59,955 59,965	67,000 67,019	22,500	3,755	1.2.5.6.7.	0,025 0,079	M114	0,500	HL 10212	5	
	59,955 59,965	67,000 67,019	22,500	3,755	4.	0,024 0,079	M114	0,500	HL 10213	1	
	59,965 59,995	67,000 67,019	28,800 28,860	3,505	3.	0,024 0,079	M114	0,000 0,250	FL 18756	1	001 HS 18754 000 025 01/1977...
	59,955 59,965	67,000 67,019	22,500	3,505	4.	0,024 0,079	M114	0,000 0,250	HL 10213	1	
	59,965 59,995	67,000 67,019	22,500	3,505	1.2.5.6.7.	0,024 0,079	M114	0,000 0,250	HL 18755	5	
	47,955 47,965	51,600 51,619	21,800 22,000	1,939		0,020 0,061	M114	0,250 0,500 1,000	PL 10229	6	001 PS 10552 025 050 100

Ø 86 **9**

M 110.982, .984, .986, .988, .990 R 6 Benzin, 2746 cm³, 130 - 136 kW (177 - 185 PS), 8,7:1 - 9:1, 12 Ventile 280 E 280 SL 280 SLC 280 TE 08/1976...08/1981 08/1974...07/1985 08/1974...09/1981 02/1976...11/1985	23,000	26,000 26,021	27,600				M114	Semi	BB 18758	6	001 BS 18759 300
	59,955 59,965	67,000 67,019	28,800 28,860	3,755	3.	0,025 0,079	M114	0,500	FL 10228	1	001 HS 10550 050
	59,955 59,965	67,000 67,019	22,500	3,755	1.2.5.6.7.	0,025 0,079	M114	0,500	HL 10212	5	
	59,955 59,965	67,000 67,019	22,500	3,755	4.	0,024 0,079	M114	0,500	HL 10213	1	
	59,965 59,995	67,000 67,019	28,800 28,860	3,505	3.	0,024 0,079	M114	0,000 0,250	FL 18756	1	001 HS 18754 000 025
	59,955 59,965	67,000 67,019	22,500	3,505	4.	0,024 0,079	M114	0,000 0,250	HL 10213	1	
	59,965 59,995	67,000 67,019	22,500	3,505	1.2.5.6.7.	0,024 0,079	M114	0,000 0,250	HL 18755	5	
	47,955 47,965	51,600 51,619	21,800 22,000	1,939		0,020 0,061	M114	0,250 0,500 1,000	PL 10229	6	001 PS 10552 025 050 100

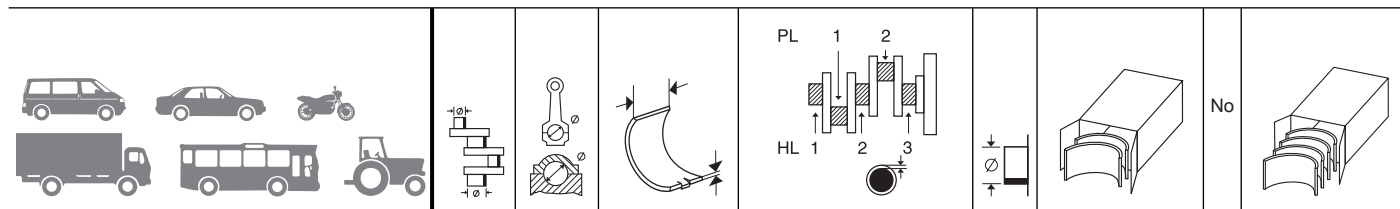
Ø 86 **10**

M 123 920, M 123 921 R 6 Benzin, 2525 cm³, 95 - 103 kW (129 - 140 PS), 8,7:1 - 9,4:1 250 250 T 10/1979...07/1985 02/1976...08/1982	23,000	26,000 26,021	27,600				M114	Semi	BB 18758	6	001 BS 18759 300
	59,965 59,995	67,000 67,019	28,800 28,860	3,505	2.	0,024 0,079	M114	0,000	FL 18756	1	001 HS 10744 000
	59,965 59,995	67,000 67,019	22,500	3,505	1.3.4.	0,024 0,079	M114	0,000	HL 18755	3	
	47,955 47,965	51,600 51,619	21,800 22,000	1,939		0,020 0,061	M114	0,250 0,500 1,000	PL 10229	6	001 PS 10552 025 050 100

Ø 87 **11.1**

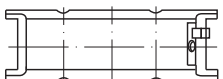
M 115.921, .928 - 929 R 4 Benzin, 2197 cm³, 55 kW (75 PS), 9:1, 8 Ventile L 408 G 01/1968...12/1974	26,000	29,000 29,021	31,800				M114	Semi	BB 18745	4	001 BS 18751 300
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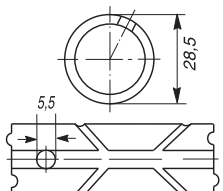
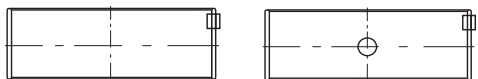
Ø 87 - Fortsetzung / Continued

11.2

M 115.921, .928 - 929 R 4 Benzin, 2197 cm³, 55 kW (75 PS), 9:1, 8 Ventile L 408 G 01/1968...12/1974	69,955 69,965	74,500 74,519	33,820 33,880	2,255	3.	0,025 0,079	M157	0,000 0,250 0,500 1,000	FL 10209	1	001 HS 10618 000 025 050 100
	69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.	0,024 0,079	M157	0,000 0,250 0,500 1,000	HL 10117	4	
FL 10209 											

Ø 87

12

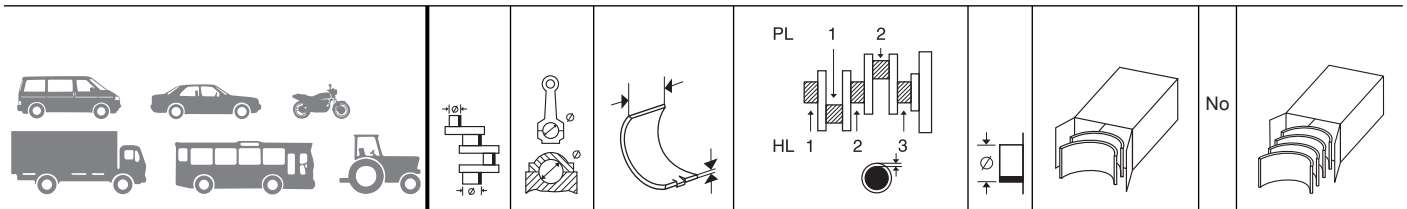
OM 601.911 - 913, .915 R 4 Diesel, 1997 cm³, 53 - 55 kW (72 - 75 PS), 22:1, Hub 84mm, 8 Ventile 190 D 2.0 200 D 200 T D C 200 D E 200 D 08/1983...08/1993 12/1984...06/1993 09/1988...08/1991 03/1993...05/2000 06/1993...06/1995	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020	
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2		
	25,995 26,000	28,500 28,521	21,900					M114	Semi	BB 18799	4	001 BS 19226 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075	
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250 0,500 0,750 1,000	PL 10305	4	001 PS 10701 000 025 050 075 100	
BB 18799 												
PL 10305 												

Ø 87

13.1

OM 602.911 - 912, .930 - 931, .938 - 939, .990 R 5 Diesel, 2497 cm³, 62 - 69 kW (84 - 94 PS), 22:1, 10 Ventile 190 D 2.5 250 D 250 T D G 250 GD 04/1985...08/1993 04/1985...06/1993 09/1985...06/1993 10/1987...12/1992	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020	
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2		
	25,995 26,000	28,500 28,521	21,900					M114	Semi	BB 18799	5	001 BS 18800 300
	28,000	30,500 30,525	21,900					M114	Semi	BB 18801	5	001 BS 18802 300
		30,500 30,521	21,900					M114	Semi	BB 18803	5	001 BS 18804 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100	

Fortsetzung nächste Seite / Continued on next page



Ø 87 - Fortsetzung / Continued

13.2

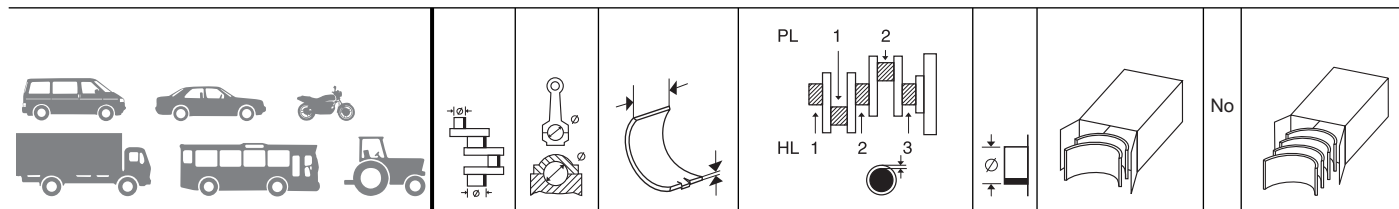
OM 602.911 - 912, .930 - 931, .938 - 939, .990 R 5 Diesel, 2497 cm³, 62 - 69 kW (84 - 94 PS), 22:1, 10 Ventile 190 D 2.5 250 D 250 T D G 250 GD	47,950	51,600	21,500	1,803		0,017	M215	0,000	PL 10305	5	001 PS 10702 000 025 050
	47,965	51,619	21,700	1,809		0,063		0,250 0,500			
04/1985...08/1993	BB 18799 										
04/1985...06/1993	BB 18801 										
09/1985...06/1993	BB 18803 										
10/1987...12/1992	PL 10305 										

Ø 87

14.1

OM 602.911, .962 R 5 Diesel, 2496 cm³, 90 - 93 kW (122 - 126 PS), 22:1, Turbo 190 D 2.5 250 TD TURBO E 250 TURBO-D	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
04/1985...08/1993	25,995	28,500	21,900				M114	Semi	BB 18799	5	001 BS 18800 300
03/1988...07/1993	26,000	28,521					M114	Semi	BB 18801	5	
06/1993...06/1996	28,000	30,500 30,525	21,900				M114	Semi	BB 18803	5	001 BS 18802 300
OM 602.961 R 5 Diesel, 2497 cm³, 90 - 93 kW (122 - 126 PS), 22:1, Turbo, 10 Ventile 190 D 2.5 TURBO		30,500 30,521	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
	02/1988...08/1993	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6

Fortsetzung nächste Seite / Continued on next page

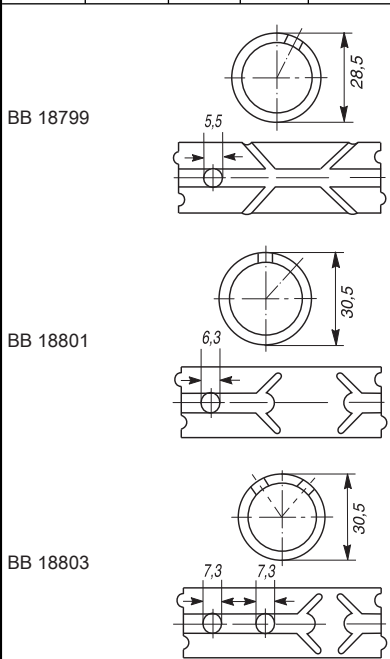


Ø 87 - Fortsetzung / Continued

14.2

OM 602.911, .962 R 5 Diesel, 2496 cm³, 90 - 93 kW (122 - 126 PS), 22:1, Turbo 190 D 2.5 250 TD TURBO E 250 TURBO-D 04/1985...08/1993 03/1988...07/1993 06/1993...06/1996	47,950	51,600	21,500	1,803		0,016	M330	0,000	PL 18204	5	001 PS 18203 000 025 050
	47,965	51,619	21,700	1,809		0,066		0,250			
190 D 2.5 250 TD TURBO E 250 TURBO-D 04/1985...08/1993 03/1988...07/1993 06/1993...06/1996	47,950	51,600	21,500	1,803		0,016	M215	0,000	PL 18557	5	
	47,965	51,619	21,700	1,809		0,066		0,250			

OM 602.961
 R 5 Diesel, 2497 cm³, 90 - 93 kW (122 - 126 PS),
 22:1, Turbo, 10 Ventile
 190 D 2.5 TURBO
 02/1988...08/1993



Ø 87

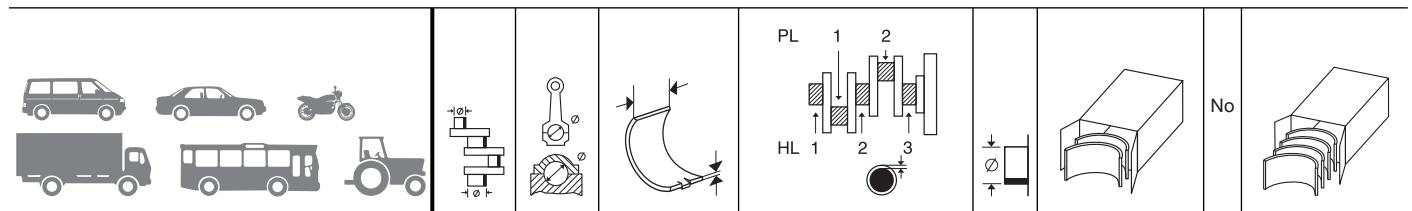
15

OM 603.912 - 913, .931 R 6 Diesel, 2996 cm³, 80 - 83 kW (109 - 113 PS), 22:1, 12 Ventile 300 D 300 T D G 300 GD 12/1984...06/1993 09/1986...06/1993 03/1979...09/1997	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000	AL 18749	2	
	57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 HS 10706 000 025 050
	57,965	62,519	17,500	2,261		0,063		0,250			
300 D 300 T D G 300 GD 12/1984...06/1993 09/1986...06/1993 03/1979...09/1997	47,950	51,600	21,500	1,803		0,017	M215	0,000	PL 10305	6	001 PS 10703 000 075 100
	47,965	51,619	21,700	1,809		0,063		0,750			

Ø 87

16

OM 603.960, .963, OM 606.961 R 6 Diesel, 2996 cm³, 100 - 130 kW (136 - 177 PS), 22:1, Turbo, 12 Ventile 300 TURBO-D E 300 TURBO-D S 300 TURBO-D 09/1986...06/1993 06/1993...06/1996 05/1996...10/1998	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000	AL 18749	2	
	57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 HS 10706 000 025 050
	57,965	62,519	17,500	2,261		0,063		0,250			
	300 TURBO-D E 300 TURBO-D S 300 TURBO-D 09/1986...06/1993 06/1993...06/1996 05/1996...10/1998	47,950	51,600	21,500	1,803		0,016	M330	0,000	PL 18204	6
47,965		51,619	21,700	1,809		0,066		0,500			
300 TURBO-D E 300 TURBO-D S 300 TURBO-D 09/1986...06/1993 06/1993...06/1996 05/1996...10/1998	47,950	51,600	21,500	1,803		0,016	M215	0,000	PL 18557	6	
	47,965	51,619	21,700	1,809		0,066		0,500			



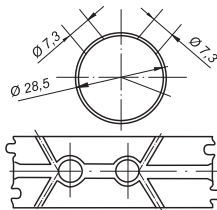
Ø 87 17

OM 604.915, .917 R 4 Diesel, 1997 cm³, 65 - 85 kW (88 - 116 PS), 22:1, 16 Ventile C 200 D E 200 D	10/1996...03/2001	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	01/1996...03/2002	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
		57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
		47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250	PL 18797	4	001 PS 18813 000 025

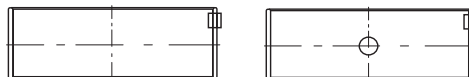
Ø 87 18

OM 605.910 - 912 R 5 Diesel, 2497 cm³, 83 kW (113 PS), 22:1, 20 Ventile C 250 D E 250 D E 250 T D KOMBI 250 TD TURBO	05/1993...05/2000	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	07/1993...06/1995	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	06/1993...07/1999		28,500 28,521	21,900				M114	Semi	BB 18805	5	001 BS 19251 300
	06/1992...05/1993	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100
		47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250 0,500	PL 18797	5	001 PS 18798 000 025 050

BB 18805



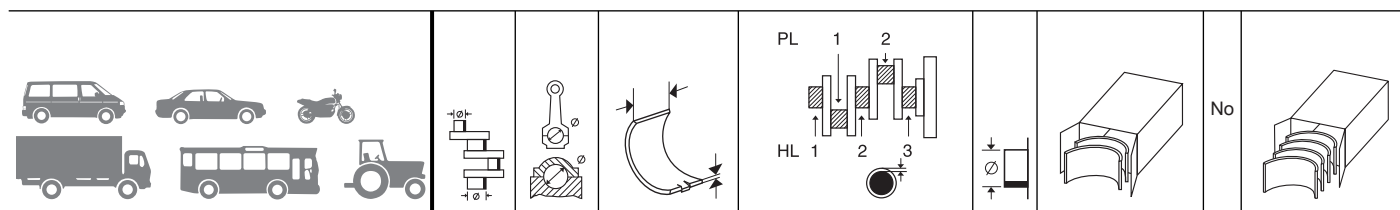
PL 18797



Ø 87 19.1

OM 605.960 R 5 Diesel, 2497 cm³, 110 kW (150 PS), 22:1, Turbo, LLK, 4 Ventile C 250 TURBO-D	10/1995...03/2001	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
		65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
			28,500 28,521	21,900				M114	Semi	BB 18805	5	001 BS 19251 300
		57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100

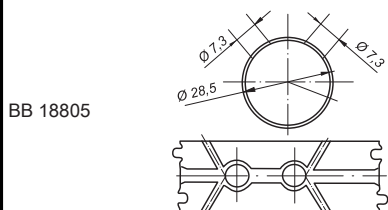
Fortsetzung nächste Seite / Continued on next page



Ø 87 - Fortsetzung / Continued

19.2

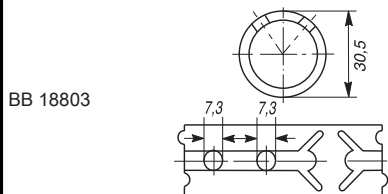
OM 605.960 R 5 Diesel, 2497 cm ³ , 110 kW (150 PS), 22:1, Turbo, LLK, 4 Ventile C 250 TURBO-D 10/1995...03/2001	47,950	51,600	21,500	1,803		0,016	M330	0,000	PL 18204	5	001 PS 18203 000 025 050
	47,965	51,619	21,700	1,809		0,066		0,250			
	47,950	51,600	21,500	1,803		0,016	M215	0,000	PL 18557	5	
	47,965	51,619	21,700	1,809		0,066		0,250			0,500



Ø 87

20

OM 605.962 R 5 Diesel, 2497 cm ³ , 110 kW (150 PS), 22:1, Turbo, LLK, 4 Ventile E 250 TURBO-D 06/1997...07/1999	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000 010 020
								0,100			
	65,800	81,000		2,20			M157	0,000	AL 18749	2	
		30,500	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
	57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	6	001 HS 10705 000 025 075 100
	57,965	62,519	17,500	2,261		0,063		0,250			
								1,000			
47,950	51,600	21,500	1,803		0,016	M330	0,000	PL 18204	5	001 PS 18203 000 025 050	
47,965	51,619	21,700	1,809		0,066		0,250				0,500
47,950	51,600	21,500	1,803		0,016	M215	0,000	PL 18557	5		
47,965	51,619	21,700	1,809		0,066		0,250			0,500	

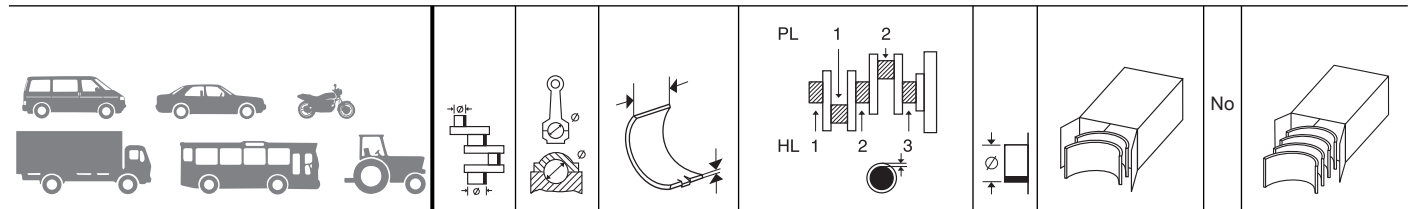


Ø 87

21.1

OM 606.910, .912, .962, .964 R 6 Diesel, 2996 cm ³ , 100 - 130 kW (136 - 177 PS), 22:1, 24 Ventile E 300 D 06/1995...06/1997 E 300 T D 06/1993...06/1996 E 300 TURBO-D 12/1996...07/1999 G 300 TD 08/1996...12/2001	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000 010 020
								0,100			
	65,800	81,000		2,20			M157	0,000	AL 18749	2	
		28,500	21,900				M114	Semi	BB 18805	6	001 BS 19207 300
	57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 HS 10706 000 025 050
57,965	62,519	17,500	2,261		0,063		0,250			0,500	

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Ø 87 - Fortsetzung / Continued

21.2

OM 606.910, .912, .962, .964 R 6 Diesel, 2996 cm³, 100 - 130 kW (136 - 177 PS), 22:1, 24 Ventile E 300 D 06/1995...06/1997 E 300 T D 06/1993...06/1996 E 300 TURBO-D 12/1996...07/1999 G 300 TD 08/1996...12/2001	47,950	51,600	21,500	1,803		0,017	M215	0,000	PL 18797	6	001 PS 10720 000 025 050
	47,965	51,619	21,700	1,809		0,063		0,250			
BB 18805 											
PL 18797 											

Ø 87

22

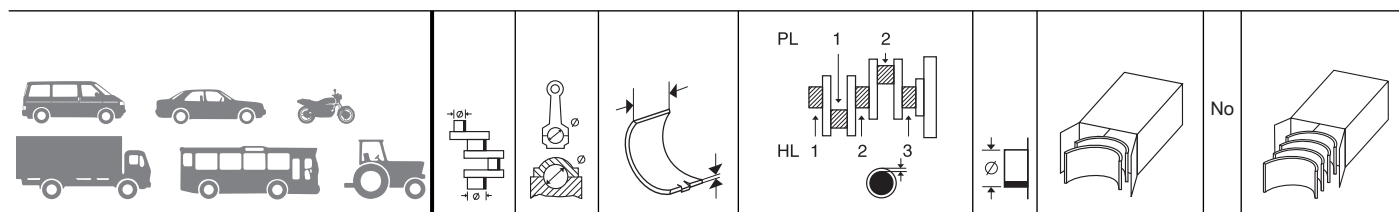
OM 615.910 - 912, .914, .916 - 918, .930, .936 - 939, .941 R 4 Diesel, 2197 cm³, 33 - 48 kW (45 - 65 PS), 21:1, 8 Ventile 220 D 01/1968... 206 D 2.2 02/1973...12/1977 U 45 01/1966...04/1971	78,000	91,250		2,15			M157	0,000	AL 18742	2	001 AS 18744 000 010 020	
	78,250	91,500		2,20				0,100				0,200
OM 615.913, .915, .943 - 944 R 4 Diesel, 1988 cm³, 40 - 44 kW (55 - 60 PS), 21:1 200 D 01/1968...01/1977	78,000	91,250		2,15			M157	0,000	AL 18743	2	001 BS 18751 300	
	78,250	91,500		2,20				0,100				0,200
26,000 29,000 31,800 69,955 74,500 33,820 2,255 3. 0,025 M157 0,000 69,965 74,519 33,880 0,079 69,955 74,500 27,000 2,255 1.2.4.5. 0,024 M157 0,000 69,965 74,519 0,079 69,955 74,500 27,000 2,255 1.2.4.5. 0,024 M157 0,000 69,965 74,519 0,079 69,955 74,500 27,000 2,255 3. 0,024 M157 0,000 69,965 74,519 0,079 51,955 55,600 26,000 1,805 0,024 M157 0,000 51,965 55,619 0,079									BB 18745	4	001 HS 10618 000 025 050 100 001 HS 10643 000 050 001 PS 10578 000 025 050 075	
	FL 10209 											
	PL 10244 											

Ø 87

23.1

OM 615.919 R 4 Diesel, 2197 cm³, 38 - 40 kW (52 - 54 PS), 21:1, 8 Ventile	78,000	91,250		2,15			M157	0,000	AL 18742	2	001 AS 18744 000 010 020
	78,250	91,500		2,20				0,100			
78,000 91,250 78,250 91,500				2,15			M157	0,000	AL 18743	2	001 BS 18751 300
				2,20				0,100			
26,000 29,000 31,800 29,021											

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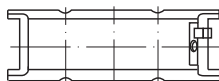


Ø 87 - Fortsetzung / Continued

23.2

OM 615.919 R 4 Diesel, 2197 cm³, 38 - 40 kW (52 - 54 PS), 21:1, 8 Ventile	69,955	74,500	33,820	2,255	3.	0,025	M157	0,000	FL 10209	1	001 HS 10618 000 025 050 100
	69,965	74,519	33,880					0,250 0,500 1,000			
	69,955	74,500	27,000	2,255	1.2.4.5.	0,024	M157	0,000	HL 10117	4	
	69,965	74,519				0,079		0,250 0,500 1,000			
	69,955	74,500	27,000	2,255	1.2.4.5.	0,024	M157	0,000	HL 10117	4	
69,965	74,519				0,079		0,500				
69,955	74,500	27,000	2,255	3.	0,024	M157	0,000	HL 10263	1		
69,965	74,519				0,079		0,500				
51,955	55,600	26,000	1,805		0,024	M157	0,000	PL 10244	4	001 PS 10578 000 025 050 075	
51,965	55,619				0,079		0,250 0,500 0,750				

FL 10209



PL 10244

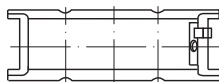


Ø 87

24

OM 615.940 R 4 Diesel, 1988 cm³, 40 - 44 kW (55 - 60 PS), 21:1, 8 Ventile 200 D 07/1976...11/1985	78,000	91,250		2,15			M157	0,000	AL 18742	2	001 AS 18744 000 010 020	
	78,250	91,500		2,20				0,100 0,200				
	78,000	91,250		2,15			M157	0,000	AL 18743	2		
	78,250	91,500		2,20				0,100 0,200				
	26,000	29,000	31,800				M114	Semi	BB 18745	4		001 BS 18751 300
	29,021											
	69,955	74,500	33,820	2,255	3.	0,025	M157	0,000	FL 10209	1		001 HS 10618 000 025 050 100
	69,965	74,519	33,880			0,079		0,250 0,500 1,000				
69,955	74,500	27,000	2,255	1.2.4.5.	0,024	M157	0,000	HL 10117	4			
69,965	74,519				0,079		0,250 0,500 1,000					
69,955	74,500	27,000	2,255	1.2.4.5.	0,024	M157	0,000	HL 10117	4	001 HS 10643 000 050		
69,965	74,519				0,079		0,500					
69,955	74,500	27,000	2,255	3.	0,024	M157	0,000	HL 10263	1			
69,965	74,519				0,079		0,500					
51,955	55,600	26,000	1,805		0,024	M157	0,000	PL 10244	4	001 PS 10578 000 025 050 075		
51,965	55,619				0,079		0,250 0,500 0,750					

FL 10209



PL 10244

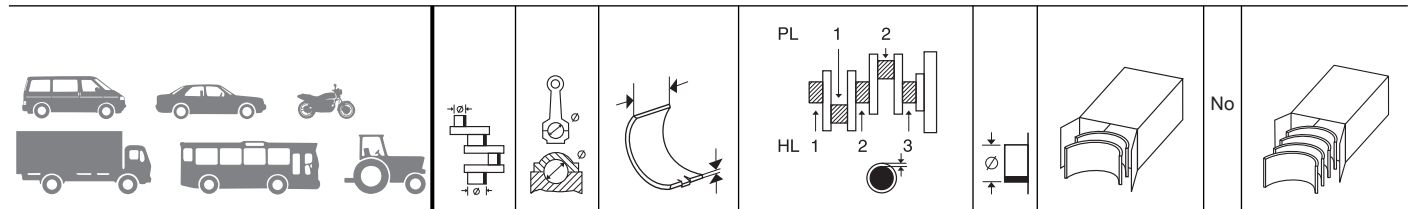


Ø 88

25.1

M 272.911, .920 - 922 V 6 Benzin, 2496 cm³, 150 kW (204 PS), 11,2:1, 24 Ventile C 230 CLC 230 E 230 T 01/2005...11/2013 05/2008...06/2011 05/2007...07/2009	51,945	55,600	19,350	1,80		0,009	M114	0,000	PL 20890	6	001 PS 20891 000 025
	51,965	55,614	19,600	1,813		0,069		0,250			

Fortsetzung nächste Seite / Continued on next page



Ø 88 - Fortsetzung / Continued

25.2

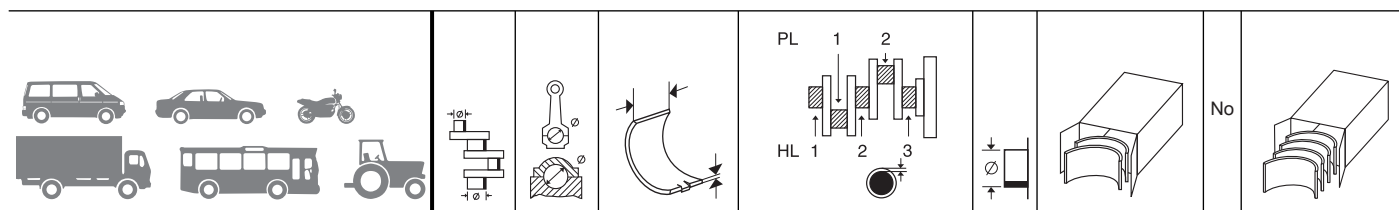
M 272.940 - 946, .952 V 6 Benzin, 2996 cm³, 170 kW (231 PS), 11,1:1 - 11,3:1, 4 Ventile	51,945 51,965	55,600 55,614	19,350 19,600	1,80 1,813		0,009 0,069	M114	0,000 0,250	PL 20890	6	001 PS 20891 000 025
C 280 CLK 280 CLS 280 CLS 300 E 280 T E 300 R 280 R 300 S 300 SLK 280 SLK 300	01/2005...08/2007 01/2005...03/2010 07/2008...12/2010 04/2009...12/2010 03/2005...07/2009 01/2009...11/2009 01/2007...12/2009 07/2009... 08/2006...12/2011 01/2005...02/2011 04/2009...02/2011										

Ø 88

26.1

OM 611.960 - 961, .980 - 981, .983, .987, OM 611 A (80 kW CDI), OM 611LA R 4 Diesel, 2151 cm³, 60 - 95 kW (82 - 129 PS), Turbo, LLK, 4 Ventile	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
C 200 CDI C 220 T CDI E 200 CDI E 220 CDI SPRINTER 311 CDI VITO 112 CDI 2.2	03/1998...03/2001 09/1997...03/2001 06/1998...03/2002 06/1998...03/2003 04/2000...05/2006 03/1999...07/2003	65,800	81,000		2,20		M157	0,000 0,100 0,200	AL 18749	2	
OM 611.962, OM 646.811 - 812, .820 - 821, .951, .961, .966, .981 - 982, .984 - 986, .989 - 990 R 4 Diesel, 2148 cm³, 65 - 125 kW (88 - 170 PS), 17,5:1 - 18,1:1, Turbo, LLK, 16 Ventile											
C 200 CDI C 220 CDI CLK 220 CDI E 200 CDI E 220 CDI E 220 T CDI SPRINTER 309 CDI SPRINTER 315 CDI SPRINTER 411 CDI SPRINTER 415 CDI VIANO 2.0 CDI VIANO 2.2 CDI VITO 109 CDI 2.2 VITO 111 CDI 2.2 VITO 115 CDI 2.2	09/2000...11/2013 05/2000...11/2013 01/2005...05/2009 07/2002...07/2009 03/2002...07/2009 03/2003...07/2009 06/2006... 06/2006...02/2008 06/2009... 06/2006...06/2009 09/2003...12/2006 09/2003...07/2010 08/2006... 09/2003...09/2010 09/2003...09/2007										
OM 612.961 - 963, .965 - 967, .983 R 5 Diesel, 2686 cm³, 115 - 125 kW (156 - 170 PS), 18:1 - 19:1, Turbo, LLK, 4 Ventile											
715 C C 270 CDI CLK 270 CDI E 270 CDI E 270 T CDI G 270 CDI ML 270 CDI	05/2003... 12/2000...08/2007 10/2002...05/2009 07/1999...03/2002 07/1999...03/2003 10/2001...12/2006 12/1999...06/2005										
OM 612.981 R 5 Diesel, 2685 cm³, 110 - 115 kW (150 - 156 PS), 18:1, Turbo, LLK, 20 Ventile											
SPRINTER 416 CDI SPRINTER 616 CDI	04/2000...05/2006 04/2001...05/2006										
OM 612.990, Euro 3 R 5 Diesel, 2688 cm³, 115 - 130 kW (156 - 177 PS), 18:1, Turbo, LLK, 4 Ventile											
C 30 CDI AMG	09/2002...05/2008										
OM 613.960 - 961 R 6 Diesel, 3222 cm³, 145 - 150 kW (197 - 204 PS), 18:1, Turbo, LLK, 4 Ventile											
E 320 CDI S 320 CDI	07/1999...03/2003 01/2000...09/2002										

Fortsetzung nächste Seite / Continued on next page



Ø 88 - Fortsetzung / Continued

26.2

OM 646.962 - 963, .983 R 4 Diesel, 2150 cm³, 65 - 110 kW (88 - 150 PS), 18:1, Turbo, LLK, 4 Ventile C 200 CDI 02/2001...05/2008 C 220 CDI 02/2004...05/2008 CLC 200 CDI 05/2008...06/2011 VITO 109 CDI 2.2 09/2003...	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800 81,000 2,20 M157 0,000 0,100 0,200 AL 18749 2										
OM 647.961, .981 R 5 Diesel, 2700 cm³, 60 - 115 kW (82 - 156 PS), 18:1, Turbo, LLK, 4 Ventile E 270 CDI 03/2002...12/2008 E 270 T CDI 03/2002...07/2009											
OM 648.960 - 961 R 6 Diesel, 3220 cm³, 145 - 150 kW (197 - 204 PS), 18:1, Turbo, LLK, 4 Ventile E 280 T CDI 05/2004...07/2009 E 320 CDI 11/2002...07/2009 S 320 CDI 09/2002...08/2005											

Ø 88,5

27

M 103.980 - 985, .987 R 6 Benzin, 2960 cm³, 126 - 140 kW (170 - 190 PS), 8:1 - 10:1, 12 Ventile 300 CE 01/1986...06/1993 300 E 01/1985...06/1993 E 300 T 06/1993...06/1996 G 300 GE 09/1989...09/1997 300 SE, SEL 09/1985...12/1989 300 SL 09/1985...08/1993	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800 81,000 2,20 M157 0,000 0,100 0,200 AL 18749 2										
	57,950	62,500	17,250	2,253		0,013	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050
	57,965	62,519	17,500	2,261		0,063					
	47,950	51,600	21,800	1,814		0,020	M114	0,000 0,500	PL 10308	6	001 PS 10710 000 050
	47,965	51,619				0,065					

Ø 88,5

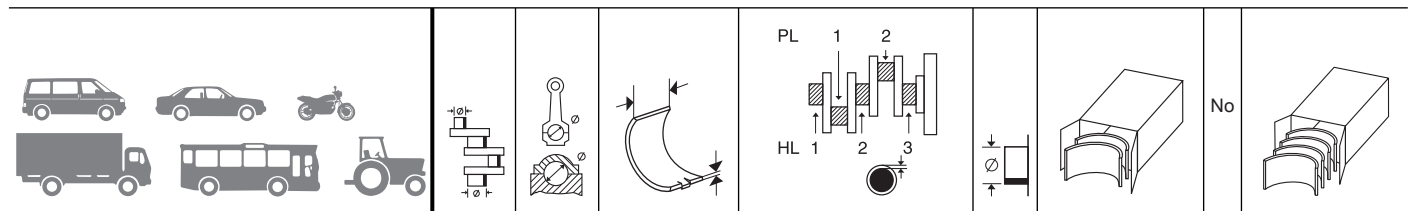
28

M 104.980 - 981 R 6 Benzin, 2960 cm³, 162 - 170 kW (220 - 231 PS), 10:1, 24 Ventile 300 TE-24 09/1988...06/1993 E 300 TE-24 AMG 06/1993...06/1996 300 SL-24 03/1989...07/1993	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800 81,000 2,20 M157 0,000 0,100 0,200 AL 18749 2										
	57,950	62,500	17,250	2,253		0,013	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050
	57,965	62,519	17,500	2,261		0,063					
	47,950	51,600	21,800	1,815		0,020	M114	0,000 0,250	PL 18045	6	001 PS 18833 000 025
	47,965	51,619				0,064					

Ø 89

29

M 102.910 R 4 Benzin, 1797 cm³, 80 kW (109 PS), 9:1, 8 Ventile 190 E 1.8 04/1990...08/1993	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800 81,000 2,20 M157 0,000 0,100 0,200 AL 18749 2										
	65,800	81,000		4,13 4,18			M157	0,000	AL 18776	2	001 AS 18780 000
	65,800	81,000		4,13 4,18			M157	0,000	AL 18777	2	
	21,995	24,500	21,900	1,38 1,43			M114	Semi	BB 18752	4	001 BS 18782 300
	22,000	24,521									
	57,950	62,500	17,250	2,253	1.2.3.4.5.	0,013	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	57,965	62,519	17,500	2,261		0,063					
	47,950	51,600	21,800	1,814		0,020	M114	0,000 0,500	PL 10308	4	001 PS 10709 000 050
	47,965	51,619				0,065					



Ø 89 **30**

M 102.919 R 4 Benzin, 1797 cm³, 77 kW (105 PS), 9,1:1, 8 Ventile M 102.920 , .924, .938 - 939, .963 R 4 Benzin, 1997 cm³, 63 - 90 kW (86 - 122 PS), 8:1 - 9,1:1, 8 Ventile 190 2.0 09/1984...05/1990 200 E 09/1988...08/1992 200 T 06/1980...11/1985 M 102.921 , .965 R 4 Benzin, 1996 cm³, 66 - 85 kW (90 - 116 PS), 9:1, 8 Ventile 190 2.0 10/1982...10/1984 G 200 GE 01/1990...07/1993	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	65,800	81,000		4,13 4,18			M157	0,000	AL 18776	2	001 AS 18780 000
	65,800	81,000		4,13 4,18			M157	0,000	AL 18777	2	
	24,000	27,000 27,021	27,600				M114	Semi	BB 18778	4	001 BS 18781 300
	21,995 22,000	24,500 24,521	21,900	1,38 1,43			M114	Semi	BB 18752	4	001 BS 18782 300
	57,950 57,965	62,500 62,519	21,400	2,261	1.2.3.4.5.	0,020 0,072	M157	0,000 0,250 0,750 1,000	HL 10294	5	001 HS 10657 000 025 075 100
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,955 47,965	51,600 51,619	21,800 22,000	1,939		0,020 0,061	M114	0,250 0,500	PL 10229	4	001 PS 10551 025 050
	47,950 47,965	51,600 51,619	21,800	1,814		0,020 0,065	M114	0,000 0,500	PL 10308	4	001 PS 10709 000 050

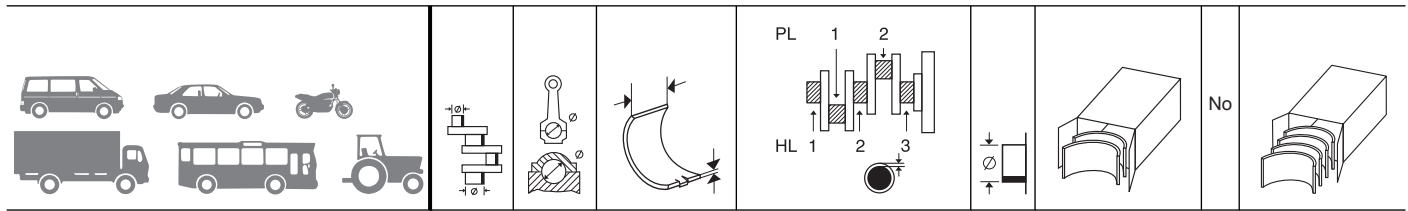
Ø 89 **31**

M 102.961 R 4 Benzin, 1996 cm³, 83 - 93 kW (113 - 126 PS), 8 Ventile 190 E 2.0 10/1982...06/1993	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	65,800	81,000		4,13 4,18			M157	0,000	AL 18776	2	001 AS 18780 000
	65,800	81,000		4,13 4,18			M157	0,000	AL 18777	2	
	24,000	27,000 27,021	27,600				M114	Semi	BB 18778	4	001 BS 18781 300 ...12/1983
	21,995 22,000	24,500 24,521	21,900	1,38 1,43			M114	Semi	BB 18752	4	001 BS 18782 300
	57,950 57,965	62,500 62,519	21,400	2,261	1.2.3.4.5.	0,020 0,072	M157	0,000 0,250 0,750 1,000	HL 10294	5	001 HS 10657 000 025 075 100 ...12/1986
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,955 47,965	51,600 51,619	21,800 22,000	1,939		0,020 0,061	M114	0,250 0,500	PL 10229	4	001 PS 10551 025 050 ...12/1984
	47,950 47,965	51,600 51,619	21,800	1,814		0,020 0,065	M114	0,000 0,500	PL 10308	4	001 PS 10709 000 050

Ø 89 **32.1**

M 102.964 R 4 Benzin, 1997 cm³, 80 kW (109 PS), 9,1:1, 8 Ventile	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	65,800	81,000		4,13 4,18			M157	0,000	AL 18776	2	001 AS 18780 000
	65,800	81,000		4,13 4,18			M157	0,000	AL 18777	2	

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Ø 89 - Fortsetzung / Continued

32.2

M 102.964 R 4 Benzin, 1997 cm³, 80 kW (109 PS), 9,1:1, 8 Ventile	24,000	27,000 27,021	27,600				M114	Semi	BB 18778	4	001 BS 18781 300
	21,995 22,000	24,500 24,521	21,900	1,38 1,43			M114	Semi	BB 18752	4	001 BS 18782 300
	57,950 57,965	62,500 62,519	21,400	2,261	1.2.3.4.5.	0,020 0,072	M157	0,000 0,250 0,750 1,000	HL 10294	5	001 HS 10657 000 025 075 100
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,955 47,965	51,600 51,619	21,800 22,000	1,939		0,020 0,061	M114	0,250 0,500	PL 10229	4	001 PS 10551 025 050
	47,950 47,965	51,600 51,619	21,800	1,814		0,020 0,065	M114	0,000 0,500	PL 10308	4	001 PS 10709 000 050

Ø 89

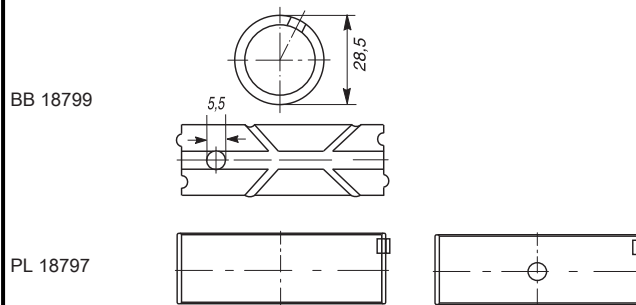
33

OM 601.900 R 4 Diesel, 2300 cm³, 62 kW (85 PS), 22:1, 8 Ventile	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
OM 604.910, .912 R 4 Diesel, 2155 cm³, 55 - 70 kW (75 - 95 PS), 22:1, 16 Ventile C 220 D 08/1993...05/2000 C 220 T D 06/1996...03/2001 E 220 D 06/1995...03/2002	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250	PL 18797	4	001 PS 18813 000 025

Ø 89

34

OM 601.940 - 943 R 4 Diesel, 2299 cm³, 58 - 60 kW (79 - 82 PS), 22:1, 8 Ventile SPRINTER 208 D 01/1995...04/2000 SPRINTER 308 D 02/1995...04/2000 SPRINTER 408 D 02/1996...05/2006 408 D 11/1988...06/1995 208 D 2.3 10/1988...02/1996 308 D 2.3 11/1988...02/1996 508 D 03/1989...12/1994 VITO 108 D 2.3 02/1996...07/2003	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	4	001 BS 19226 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250	PL 18797	4	001 PS 18813 000 025

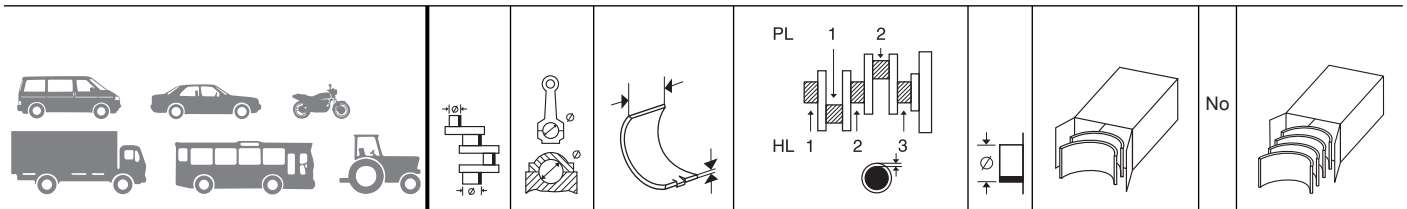


Ø 89

35.1

OM 601.970 R 4 Diesel, 2299 cm³, 72 kW (98 PS), 22:1, Turbo, LLK, 8 Ventile VITO 110 D 2.3 02/1996...07/2003 V 230 TD 09/1996...07/2003	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	4	001 BS 19226 300

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Ø 89 - Fortsetzung / Continued

35.2

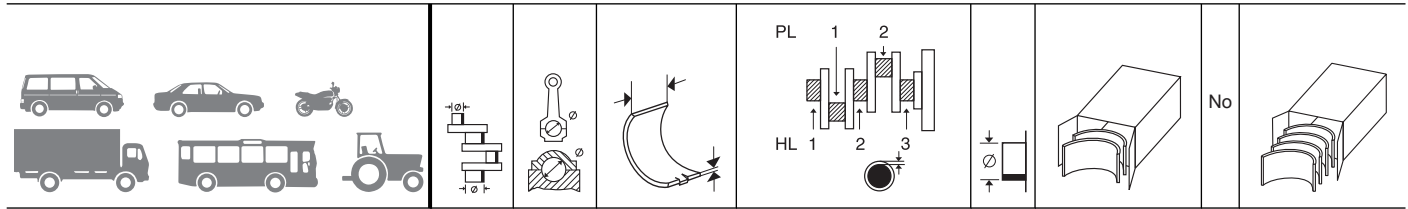
OM 601.970 R 4 Diesel, 2299 cm³, 72 kW (98 PS), 22:1, Turbo, LLK, 8 Ventile VITO 110 D 2.3 V 230 TD 02/1996...07/2003 09/1996...07/2003	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,016 0,066	M330	0,000 0,250 0,500	PL 18204	5	001 PS 18203 000 025 050
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,016 0,066	M215	0,000 0,250 0,500	PL 18557	5	
BB 18799 											

Ø 89

36.1

OM 602.900, .940 - 942, .946 - 947, .991 R 5 Diesel, 2874 cm³, 65 - 72 kW (88 - 98 PS) G 290 GD/G 290 D 410 D 210 D 2.8 210 D 2.9 310 D 2.9 U 90 04/1992...12/1997 11/1988...06/1995 10/1988...02/1996 11/1988...02/1996 06/1989...02/1996 11/1992...	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	5	001 BS 18800 300
	28,000	30,500 30,525	21,900				M114	Semi	BB 18801	5	001 BS 18802 300
		30,500 30,521	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261			0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100

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Ø 89 - Fortsetzung / Continued

36.2

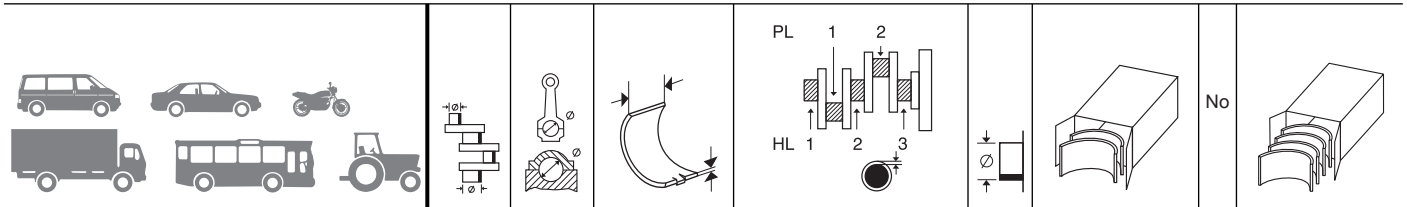
OM 602.900, .940 - 942, .946 - 947, .991 R 5 Diesel, 2874 cm³, 65 - 72 kW (88 - 98 PS) G 290 GD/G 290 D 04/1992...12/1997 410 D 11/1988...06/1995 210 D 2.8 10/1988...02/1996 210 D 2.9 11/1988...02/1996 310 D 2.9 06/1989...02/1996 U 90 11/1992...	47,950	51,600	21,500	1,803		0,017	M215	0,000	PL 18797	5	001 PS 18798 000
	47,965	51,619	21,700	1,809		0,063		0,250			025
								0,500			050
BB 18799											
BB 18801											
BB 18803											
PL 18797											

Ø 89

37.1

OM 602.980, .982, Euro 2 R 5 Diesel, 2874 cm³, 75 - 95 kW (102 - 129 PS), 19,5:1, Turbo, LLK, 10 Ventile E 290 TURBO-D 03/1996...07/1999 SPRINTER 210 D 01/1997...04/2000 SPRINTER 212 D 02/1995...04/2000 SPRINTER 310 D 02/1995...08/2002 SPRINTER 410 D 02/1996...05/2006	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000
								0,100			
								0,200			020
	65,800	81,000		2,20			M157	0,000	AL 18749	2	
								0,100			
								0,200			
	25,995	28,500	21,900				M114	Semi	BB 18799	5	001 BS 18800 300
	26,000	28,521									
	28,000	30,500	21,900				M114	Semi	BB 18801	5	001 BS 18802 300
		30,525									
		30,500	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
		30,521									
	57,950	62,500	17,250	2,253			M157	0,000	HL 10306	6	001 HS 10705 000
	57,965	62,519	17,500	2,261				0,250			025
								0,750			075
								1,000			100

Fortsetzung nächste Seite / Continued on next page

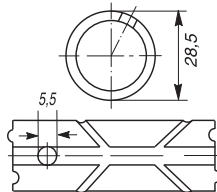


Ø 89 - Fortsetzung / Continued

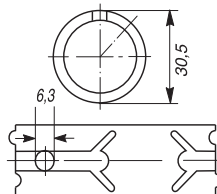
37.2

OM 602.980, .982, Euro 2 R 5 Diesel, 2874 cm³, 75 - 95 kW (102 - 129 PS), 19,5:1, Turbo, LLK, 10 Ventile E 290 TURBO-D SPRINTER 210 D SPRINTER 212 D SPRINTER 310 D SPRINTER 410 D	47,950	51,600	21,500	1,803		0,016	M330	0,000	PL 18204	5	001 PS 18203 000 025 050
	47,965	51,619	21,700	1,809		0,066		0,250 0,500			
03/1996...07/1999 01/1997...04/2000 02/1995...04/2000 02/1995...08/2002 02/1996...05/2006	47,950	51,600	21,500	1,803		0,016	M215	0,000	PL 18557	5	
	47,965	51,619	21,700	1,809		0,066		0,250 0,500			

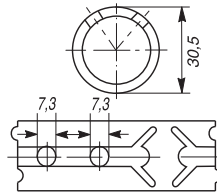
BB 18799



BB 18801



BB 18803

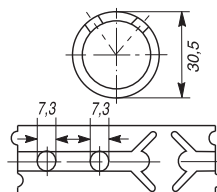


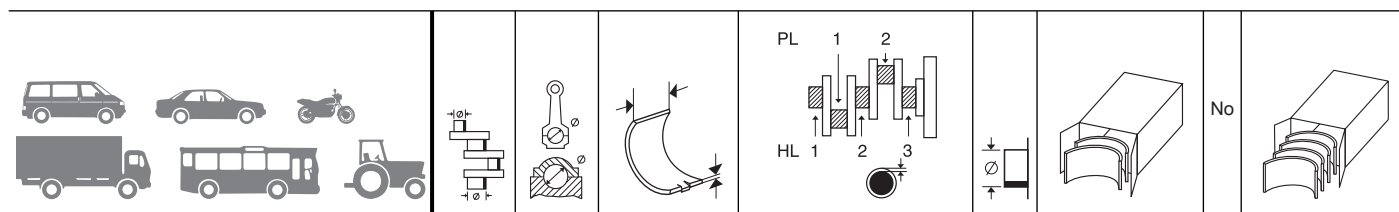
Ø 89

38

OM 602.983 - 985, Euro 2 R 5 Diesel, 2874 cm³, 90 kW (122 PS), 19,5:1, Turbo, LLK, 10 Ventile G 290 TD VARIO O 812	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
		30,500 30,521	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,016 0,066	M330	0,000 0,250 0,500	PL 18204	5	001 PS 18203 000 025 050
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,016 0,066	M215	0,000 0,250 0,500	PL 18557	5	

BB 18803



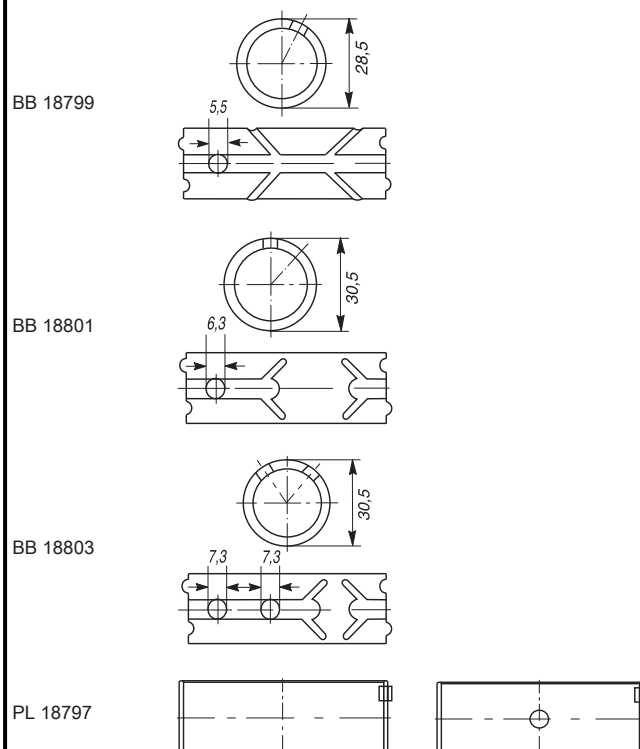


Ø 89

39

OM 602.994 - 995
R 5 Diesel, 2874 cm³, 72 kW (98 PS), 21:1,
10 Ventile

65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	5	001 BS 18800 300
28,000	30,500 30,525	21,900				M114	Semi	BB 18801	5	001 BS 18802 300
	30,500 30,521	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100
47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,016 0,066	M330	0,000 0,250 0,500	PL 18204	5	001 PS 18203 000 025 050
47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,016 0,066	M215	0,000 0,250 0,500	PL 18557	5	
47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250 0,500	PL 18797	5	001 PS 18798 000 025 050



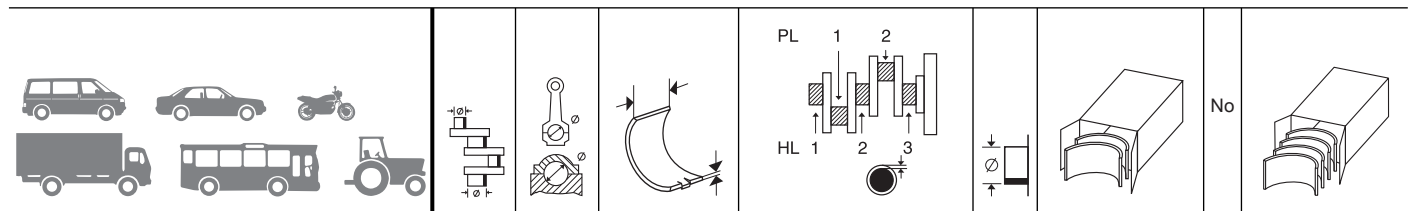
Ø 89

40.1

OM 603.970 - 972
R 6 Diesel, 3449 cm³, 100 - 110 kW
(136 - 150 PS), 22:1, Turbo, 12 Ventile
G 350 G TURBO-D 09/1991...12/1997
S 350 TURBO-D 01/1993...10/1998

65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050

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Ø 89 - Fortsetzung / Continued

40.2

OM 603.970 - 972 R 6 Diesel, 3449 cm³, 100 - 110 kW (136 - 150 PS), 22:1, Turbo, 12 Ventile G 350 G TURBO-D 09/1991...12/1997 S 350 TURBO-D 01/1993...10/1998	47,950	51,600	21,500	1,803		0,016	M330	0,000	PL 18204	6	001 PS 10099 000 050
	47,965	51,619	21,700	1,809		0,066		0,500			
	47,950	51,600	21,500	1,803		0,016	M215	0,000	PL 18557	6	
	47,965	51,619	21,700	1,809		0,066		0,500			

Ø 89,9

41

M 104.941 - 945 R 6 Benzin, 2799 cm³, 142 - 150 kW (193 - 204 PS), 10:1, 24 Ventile 280 TE 10/1992...06/1993 C 280 05/1993...05/2000 E 280 01/1996...06/1997 E 280 LANG 06/1993...06/1995 E 280 T 06/1993...06/1996 S 280 01/1993...10/1998 SL 280 08/1993...10/2001	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000 010 020
		65,800	81,000		2,20		M157	0,000	AL 18749	2	
	57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 HS 10706 000 025 050
	57,965	62,519	17,500	2,261		0,063		0,250			
	47,950	51,600	21,800	1,815		0,020	M114	0,000	PL 18045	6	001 PS 18833 000 025
	47,965	51,619				0,064		0,250			

Ø 89,9

42

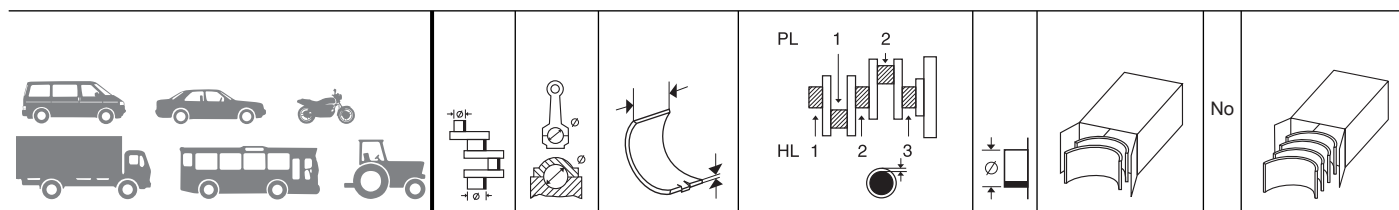
M 111.940 - 948, .950 - 952, .955 - 958 R 4 Benzin, 1998 cm³, 95 - 141 kW (129 - 192 PS), 8,5:1 - 10,6:1, 16 Ventile 200 TE 10/1992...06/1993 C 180 10/2000...05/2002 C 180 T 09/2000...03/2001 C 200 KOMPRESSOR 10/1995...05/2002 C 200 T 01/1994...03/2001 C 200 T KOMPRESSOR 11/1996...03/2001 CLK 200 KOMPRESSOR 06/1997...06/2002 E 200 06/1993...03/1998 E 200 KOMPRESSOR 06/1997...03/2003 E 200 T 06/1993...08/2000 E 200 T KOMPRESSOR 08/2000...03/2003 SLK 200 09/1996...03/2000 SLK 200 KOMPRESSOR 10/1996...04/2004 VITO 113 2.0 02/1996...07/2003 V 200 02/1997...07/2003	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000 010 020
		65,800	81,000		2,20		M157	0,000	AL 18749	2	
	21,995	24,500	21,900	1,38			M114	Semi	BB 18752	4	001 BS 18782 300
	22,000	24,521		1,43							
	57,950	62,500	17,250	2,253	1.2.3.4.5.	0,013	M157	0,000	HL 10306	5	001 HS 10704 000 025 050 075
	57,965	62,519	17,500	2,261		0,063		0,250			
								0,500			
								0,750			

Ø 89,9

43.1

M 112.912 - 917 V 6 Benzin, 2597 cm³, 125 - 130 kW (170 - 177 PS), 10,5:1 - 40:1, 18 Ventile C 240 05/2000...08/2007 CLK 240 06/2002...03/2010 E 240 08/2000...07/2009 E 240 T 08/2000...03/2003	72,000	83,750		2,65			M157	0,000	AL 20884	4	001 AS 20885 000
	72,250	84,000		2,70							
	22,000	24,500	19,400				M100	Semi	BB 20886	6	001 BS 20887 300
		24,521	19,900								
	63,940	68,500	18,800	2,255		0,009	M916	0,000	HL 20880	4	001 HS 20881 000 020
	63,965	68,519	19,000	2,263		0,069		0,200			
	51,940	55,600	19,350	1,804		0,007	M900	0,000	PL 20882	6	001 PS 20883 000 020
	51,965	55,614	19,600	1,814		0,066		0,200			

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Ø 89,9 - Fortsetzung / Continued

43.2

M 112.940 - 947, .949, .951, .953 - 955
 V 6 Benzin, 3199 cm³, 140 - 165 kW
 (190 - 224 PS), 10:1, 18 Ventile
 C 320 05/2000...05/2008
 CLK 320 06/1997...03/2010
 E 320 03/2002...12/2008
 E 320 T 12/1996...07/2009
 G 320 07/1997...12/2005
 ML 320 02/1998...08/2002
 S 320 10/1998...08/2005
 SLK 320 03/2000...04/2004
 SL 320 05/1998...10/2001
 VIANO 3.0 09/2003...12/2008
 VITO 119 3.0 09/2003...

Ø 89,9 44

M 113.940 - 944 V 8 Benzin, 4266 cm³, 200 - 205 kW (272 - 279 PS), 10:1, 24 Ventile C 43 AMG 08/1997...03/2001 CLK 430 07/1998...06/2002 E 430 06/1997...03/2003 ML 430 02/1998...06/2005 S 430 10/1998...08/2005	72,000	83,750		2,65			M157	0,000	AL 20884	4	001 AS 20885 000
	72,250	84,000		2,70							

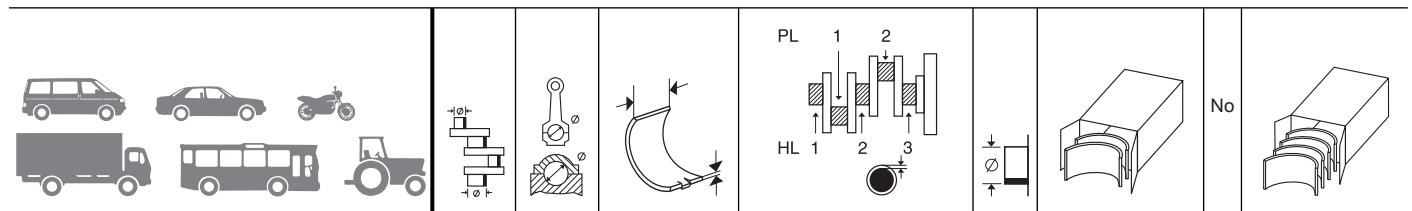
Ø 90,9 45

M 111.970, .973 - 975, .977 - 979, .981 - 984 R 4 Benzin, 2295 cm³, 92 - 145 kW (125 - 197 PS), 8,8:1 - 10,4:1, 16 Ventile C 230 KOMPRESSOR 03/2001...05/2002 C 230 T 06/1996...06/1998 C 230 T KOMPRESSOR 10/1995...09/2000 CLK 230 KOMPRESSOR 06/1997...06/2002 E 230 06/1995...06/1997 ML 230 02/1998...06/2005 SLK 230 KOMPRESSOR 09/1996...04/2004 SPRINTER 214 NGT 04/2000...05/2006 SPRINTER 314 02/1995...05/2006 SPRINTER 414 02/1996...05/2006 VITO 114 2.3 12/1996...07/2003 V 230 10/1996...07/2003	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000	AL 18749	2	
	21,995	24,500	21,900	1,38			M114	Semi	BB 18752	4	001 BS 18782 300
	57,950	62,500	17,250	2,253	1.2.3.4.5.	0,013	M157	0,000	HL 10306	5	001 HS 10704 000 025 050 075
	57,965	62,519	17,500	2,261		0,063		0,250			

Ø 90,9 46.1

OM 616.910 R 4 Diesel, 2400 cm³, 48 - 53 kW (65 - 72 PS), 21:1, 8 Ventile L 407 D 01/1975...12/1988	78,000	91,250		2,15			M157	0,000	AL 18742	2	001 AS 18744 000 010 020
	78,250	91,500		2,20				0,100			
OM 616.912 - 913, .937, .939 R 4 Diesel, 2399 cm³, 38 - 53 kW (52 - 72 PS), 21:1 407 D 07/1981...01/1989 207 D 2.4 12/1977...01/1990 307 D 2.4 04/1977...01/1990	78,000	91,250		2,15			M157	0,000	AL 18743	2	
	78,250	91,500		2,20				0,100			
OM 616.916 R 4 Diesel, 2404 cm³, 48 kW (65 PS), 21:1, 8 Ventile 240 D 08/1973...01/1977	26,000	29,000	31,800				M114	Semi	BB 18745	4	001 BS 18751 300
	69,955	74,500	33,820	2,255	3.	0,025	M157	0,000	FL 10209	1	001 HS 10618 000 025 050 100
69,965	74,519	33,880			0,079		0,250				
	69,955	74,500	27,000	2,255	1.2.4.5.	0,024	M157	0,000	HL 10117	4	
	69,965	74,519				0,079		0,500			
	69,955	74,500	27,000	2,255	1.2.4.5.	0,024	M157	0,000	HL 10117	4	001 HS 10643 000 050
	69,965	74,519				0,079		0,500			
	69,955	74,500	27,000	2,255	3.	0,024	M157	0,000	HL 10263	1	
	69,965	74,519				0,079		0,500			

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Ø 90,9 - Fortsetzung / Continued

46.2

OM 616.910 R 4 Diesel, 2400 cm³, 48 - 53 kW (65 - 72 PS), 21:1, 8 Ventile L 407 D 01/1975...12/1988	51,955	55,600	26,000	1,805			0,024	M157	0,000	PL 10244	4	001 PS 10578 000 025 050 075
	51,965	55,619					0,079		0,250			
OM 616.912 - 913, .937, .939 R 4 Diesel, 2399 cm³, 38 - 53 kW (52 - 72 PS), 21:1 407 D 07/1981...01/1989 207 D 2.4 12/1977...01/1990 307 D 2.4 04/1977...01/1990	FL 10209											
	PL 10244											
OM 616.916 R 4 Diesel, 2404 cm³, 48 kW (65 PS), 21:1, 8 Ventile 240 D 08/1973...01/1977	PL 10244											

Ø 90,9

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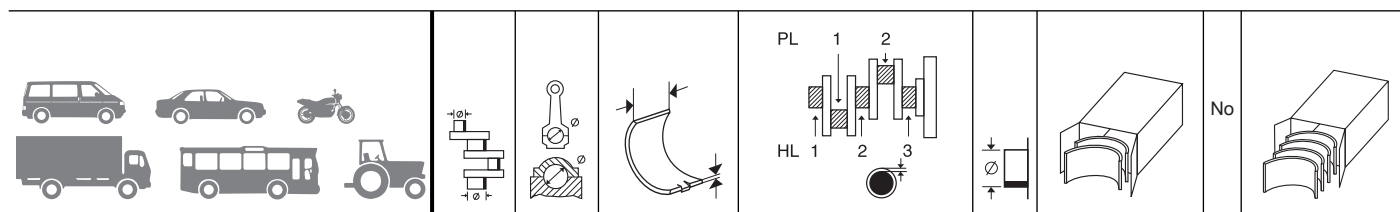
OM 616.917 R 4 Diesel, 2404 cm³, 48 kW (65 PS), 21:1, 8 Ventile 207 D 2.4 04/1977...12/1982 307 D 2.4 01/1977...12/1990 L 407 D 01/1975...12/1988	78,000	91,250		2,15				M157	0,000	AL 18742	2	001 AS 18744 000 010 020
	78,250	91,500		2,20					0,100			
OM 616.930 R 4 Diesel, 2448 cm³, 44 kW (60 PS), 21:1, 8 Ventile	78,000	91,250		2,15				M157	0,000	AL 18743	2	001 BS 18751 300
	78,250	91,500		2,20					0,100			
OM 616.934, .936, .938 R 4 Diesel, 2399 cm³, 48 - 53 kW (65 - 72 PS), 21:1, 8 Ventile G 240 GD 03/1979...08/1987 207 D 2.4 05/1977...12/1982	26,000	29,000	31,800					M114	Semi	BB 18745	4	001 HS 10618 000 025 050 100 ...12/1979
	29,021	29,021										
OM 616.930 R 4 Diesel, 2448 cm³, 44 kW (60 PS), 21:1, 8 Ventile	69,955	74,500	33,820	2,255	3.		0,025	M157	0,000	FL 10209	1	001 HS 10643 000 050
	69,965	74,519	33,880				0,079		0,250			
OM 616.930 R 4 Diesel, 2448 cm³, 44 kW (60 PS), 21:1, 8 Ventile	69,955	74,500	27,000	2,255	1.2.4.5.		0,024	M157	0,000	HL 10117	4	001 PS 10578 000 025 050 075
	69,965	74,519					0,079		0,500			
OM 616.930 R 4 Diesel, 2448 cm³, 44 kW (60 PS), 21:1, 8 Ventile	69,955	74,500	27,000	2,255	1.2.4.5.		0,024	M157	0,000	HL 10117	4	001 HS 10643 000 050
	69,965	74,519					0,079		0,500			
OM 616.930 R 4 Diesel, 2448 cm³, 44 kW (60 PS), 21:1, 8 Ventile	69,955	74,500	27,000	2,255	3.		0,024	M157	0,000	HL 10263	1	001 PS 10578 000 025 050 075
	69,965	74,519					0,079		0,500			
OM 616.930 R 4 Diesel, 2448 cm³, 44 kW (60 PS), 21:1, 8 Ventile	51,955	55,600	26,000	1,805			0,024	M157	0,000	PL 10244	4	001 PS 10578 000 025 050 075
	51,965	55,619					0,079		0,250			
OM 616.930 R 4 Diesel, 2448 cm³, 44 kW (60 PS), 21:1, 8 Ventile	FL 10209											
	PL 10244											

Ø 90,9

48.1


OM 616.963 R 4 Diesel, 2399 cm³, 53 - 56 kW (72 - 76 PS), 21:1, 8 Ventile MB 100 D 02/1988...02/1996	78,000	91,250		2,15				M157	0,000	AL 18742	2	001 AS 18744 000 010 020
	78,250	91,500		2,20					0,100			
OM 616.963 R 4 Diesel, 2399 cm³, 53 - 56 kW (72 - 76 PS), 21:1, 8 Ventile	78,000	91,250		2,15				M157	0,000	AL 18743	2	001 BS 18751 300
	78,250	91,500		2,20					0,100			
OM 616.963 R 4 Diesel, 2399 cm³, 53 - 56 kW (72 - 76 PS), 21:1, 8 Ventile	26,000	29,000	31,800					M114	Semi	BB 18745	4	001 HS 10643 000 050
	29,021	29,021										
OM 616.963 R 4 Diesel, 2399 cm³, 53 - 56 kW (72 - 76 PS), 21:1, 8 Ventile	69,955	74,500	27,000	2,255	1.2.4.5.		0,024	M157	0,000	HL 10117	4	001 HS 10643 000 050
	69,965	74,519					0,079		0,500			
OM 616.963 R 4 Diesel, 2399 cm³, 53 - 56 kW (72 - 76 PS), 21:1, 8 Ventile	69,955	74,500	27,000	2,255	3.		0,024	M157	0,000	HL 10263	1	001 PS 10578 000 025 050 075
	69,965	74,519					0,079		0,500			

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Ø 90,9 - Fortsetzung / Continued

48.2

OM 616.963 R 4 Diesel, 2399 cm³, 53 - 56 kW (72 - 76 PS), 21:1, 8 Ventile MB 100 D 02/1988...02/1996	51,955	55,600	26,000	1,805			0,024	M157	0,000	PL 10244	4	001 PS 10578 000 025 050 075
	51,965	55,619					0,079		0,250			
PL 10244 												



Ø 90,9

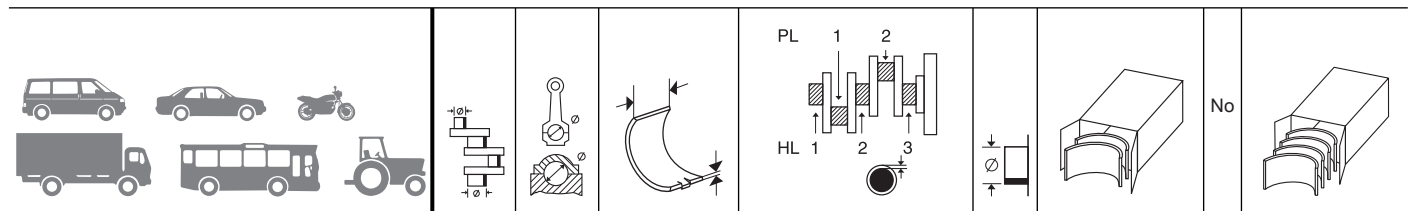
49

OM 617.910, .912, .919, .931 - 932 R 5 Diesel, 2998 cm³, 59 - 66 kW (80 - 90 PS), 21:1 G 250 GD 12/1979...12/1991	78,000	91,250		2,15				M157	0,000	AL 18742	2	001 AS 18744 000 010 020
	78,250	91,500		2,20					0,100			
	78,000	91,250		2,15				M157	0,000	AL 18743	2	
	78,250	91,500		2,20					0,100			
										0,200		
	69,955	74,500	33,820	2,255	3.		0,025	M157	0,000	FL 10209	1	001 HS 10619 000 025 050
	69,965	74,519	33,880				0,079		0,250			
	69,955	74,500	27,000	2,255	1.2.4.5.6		0,024	M157	0,000	HL 10117	5	
	69,965	74,519					0,079		0,250			
									0,500			
	51,955	55,600	26,000	1,805			0,024	M157	0,000	PL 10244	5	001 PS 10579 000 025 050 100
	51,965	55,619					0,079		0,250			
FL 10209 												
PL 10244 												

Ø 90,9

50

OM 617.913 R 5 Diesel, 2998 cm³, 65 kW (88 PS), 21:1, 8 Ventile 409 D 209 D 2.9 309 D 3.0 04/1982...01/1989 12/1982...01/1990 10/1982...01/1990	78,000	91,250		2,15				M157	0,000	AL 18742	2	001 AS 18744 000 010 020
	78,250	91,500		2,20					0,100			
	78,000	91,250		2,15				M157	0,000	AL 18743	2	
	78,250	91,500		2,20					0,100			
										0,200		
	26,000	29,000	31,800					M114	Semi	BB 18745	4	001 BS 18751 300
		29,021										
	69,955	74,500	33,820	2,255	3.		0,025	M157	0,000	FL 10209	1	001 HS 10619 000 025 050
	69,965	74,519	33,880				0,079		0,250			
										0,500		
	69,955	74,500	27,000	2,255	1.2.4.5.6		0,024	M157	0,000	HL 10117	5	
	69,965	74,519					0,079		0,250			
									0,500			
	51,955	55,600	26,000	1,805			0,024	M157	0,000	PL 10244	5	001 PS 10579 000 025 050 100
	51,965	55,619					0,079		0,250			
FL 10209 												
PL 10244 												

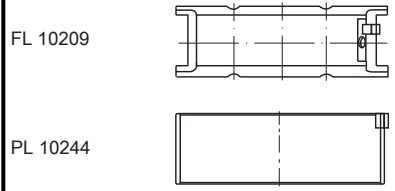


Ø 90,9 **51**

OM 617.950, .952 R 5 Diesel, 2988 cm³, 85 - 92 kW (116 - 125 PS), 21,5:1, Turbo, 10 Ventile 300 TURBO-D 10/1980...11/1985	78,000	91,250		2,15			M157	0,000	AL 18742	2	001 AS 18744 000 010 020
	78,250	91,500		2,20				0,100 0,200			
	78,000	91,250		2,15			M157	0,000	AL 18743	2	
	78,250	91,500		2,20				0,100 0,200			

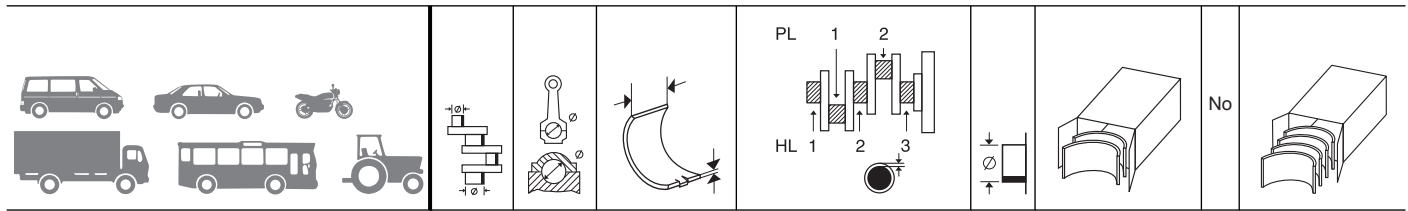
Ø 91 **52**

OM 616.914 R 4 Diesel, 2399 cm³, 53 kW (72 PS), 21:1 507 D 04/1986...04/1989	78,000	91,250		2,15			M157	0,000	AL 18742	2	001 AS 18744 000 010 020
	78,250	91,500		2,20				0,100 0,200			
	78,000	91,250		2,15			M157	0,000	AL 18743	2	
	78,250	91,500		2,20				0,100 0,200			
	26,000	29,000 29,021	31,800				M114	Semi	BB 18745	4	001 BS 18751 300
	69,955 69,965	74,500 74,519	33,820 33,880	2,255	3.	0,025 0,079	M157	0,000 0,250 0,500 1,000	FL 10209	1	001 HS 10618 000 025 050 100
	69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.	0,024 0,079	M157	0,000 0,250 0,500 1,000	HL 10117	4	
	69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.	0,024 0,079	M157	0,000 0,500	HL 10117	4	001 HS 10643 000 050
69,955 69,965	74,500 74,519	27,000	2,255	3.	0,024 0,079	M157	0,000 0,500	HL 10263	1		
51,955 51,965	55,600 55,619	26,000	1,805		0,024 0,079	M157	0,000 0,250 0,500 0,750	PL 10244	4	001 PS 10578 000 025 050 075	



Ø 92 **53**

M 119.975, .981, .985 V 8 Benzin, 4196 cm³, 205 kW (279 PS), 11:1, 32 Ventile 400 E 10/1992...06/1993 E 420 06/1993...06/1997 E 420 T 06/1996...06/1997 SEC/CL 420 10/1994...02/1999	47,950	51,600	21,800	1,814		0,020	M114	0,000	PL 10308	8	001 PS 18028 000
	47,965	51,619				0,065					

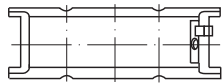


Ø 92,9 **54**

M 272.960 - 972, .974 - 975, .977 - 980, .982 - 985, .988, .991, M 276.952 , Euro 4 V 6 Benzin, 3498 cm³, 185 - 232 kW (252 - 316 PS), 10:1 - 12,2:1, 24 Ventile C 350 01/2005...11/2013 C 350 CGI 09/2008...11/2013 CLC 350 05/2008...06/2011 CLS 350 10/2004...01/2011 CLS 350 CGI 04/2009...12/2010 E 300 07/2011... E 350 01/2009...02/2013 E 350 CGI 05/2006...08/2011 E 350 T 03/2005...07/2009 CLK 350 01/2005...04/2011 ML 350 07/2005...06/2011 R 350 01/2006...12/2013 S 350 10/2005...12/2011 S 400 HYBRID 01/2009...06/2013 SLK 350 06/2004...02/2011 SL 350 03/2006...01/2012 SPRINTER 324 06/2006... VITO 126 3.5 09/2007...	51,945	55,600	19,350	1,80			0,009	M114	0,000	PL 20890	6	001 PS 20891 000 025
	51,965	55,614	19,600	1,813			0,069		0,250			

Ø 93,75 **55**

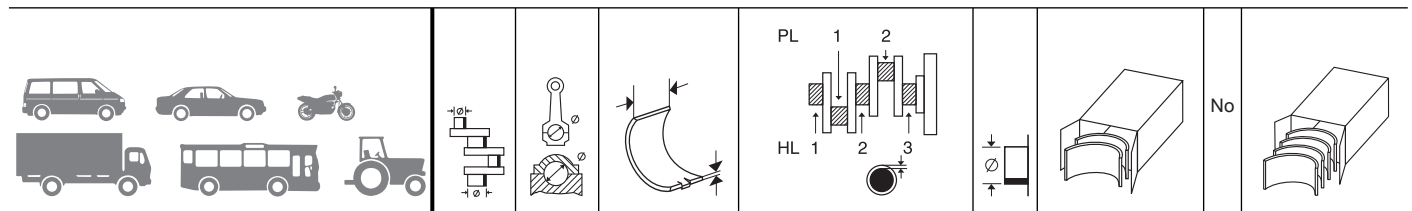
M 115.952 , .970 - 971 R 4 Benzin, 2307 cm³, 66 kW (90 PS), 8:1, 8 Ventile L 408, L 409 01/1975...08/1982	26,000	29,000	31,800					M114	Semi	BB 18745	4	001 BS 18751 300 001 HS 10618 000 025 050 100
	69,955	74,500	33,820	2,255	3.	0,025	M157	0,000	FL 10209	1		
	69,965	74,519	33,880			0,079		0,250				



FL 10209

Ø 95,5 **56**

M 102.942 , .946, .982, .989 R 4 Benzin, 2298 cm³, 70 - 100 kW (95 - 136 PS), 8:1 - 9:1, 8 Ventile 230 CE 09/1985...12/1992 230 E 12/1984...06/1993 230 TE KAT 06/1989...06/1993 G 230 GE 04/1982...06/1993 410 08/1982...06/1995 210 2.3 04/1977...02/1996 310 2.3 01/1982...02/1996 510 04/1986...12/1994	65,800	81,000		2,20				M157	0,000	AL 18748	2	001 AS 18750 000 010 020 020
	65,800	81,000		2,20			M157	0,000	AL 18749	2		
	65,800	81,000		4,13			M157	0,000	AL 18776	2		
	65,800	81,000		4,13			M157	0,000	AL 18777	2		
M 102.943 R 4 Benzin, 2297 cm³, 70 kW (95 PS), 8:1, 8 Ventile L 408, L 409 08/1982...09/1983 L 410 08/1982...12/1988	24,000	27,000	27,600					M114	Semi	BB 18778	4	001 BS 18781 300 001 BS 18782 300
	21,995	24,500	21,900	1,38			M114	Semi	BB 18752	4		
M 102.945 , .958 - 959, .979, .981, .985, .987, .997 - 998 R 4 Benzin, 2299 cm³, 70 - 100 kW (95 - 136 PS), 8:1 - 9:1, 8 Ventile 190 E 2.3 09/1986...08/1993 G 230 GE 04/1982...12/2001 410 08/1982...06/1995 210 2.3 05/1989...02/1996	57,950	62,500	21,400	2,261	1.2.3.4.5.	0,020	M157	0,000	HL 10294	5	001 HS 10657 000 025 075 100 001 HS 10704 000 025 050 075 001 PS 10551 025 050 001 PS 10709 000 050	
	57,965	62,519				0,072		0,250				
	57,950	62,500	17,250	2,253	1.2.3.4.5.	0,013	M157	0,000	HL 10306	5		
	57,965	62,519	17,500	2,261		0,063		0,250				
	47,955	51,600	21,800	1,939		0,020	M114	0,250	PL 10229	4		
	47,965	51,619	22,000			0,061		0,500				
	47,950	51,600	21,800	1,814		0,020	M114	0,000	PL 10308	4		
	47,965	51,619				0,065		0,500				



Ø 95,5 **57**

M 102.983 R 4 Benzin, 2298 cm³, 125 - 136 kW (170 - 185 PS), 10,5:1, Hub 80.3mm, 16 Ventile 190 E 2.3-16 04/1984...08/1988	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	21,995 22,000	24,500 24,521	21,900	1,38 1,43			M114	Semi	BB 18752	4	001 BS 18782 300
	57,950 57,965	62,500 62,519	21,400	2,261	1.2.3.4.5.	0,020 0,072	M157	0,000 0,250 0,750 1,000	HL 10294	5	001 HS 10657 000 025 075 100
	47,955 47,965	51,600 51,619	21,800 22,000	1,939		0,020 0,061	M114	0,250 0,500	PL 10229	4	001 PS 10551 025 050
	47,950 47,965	51,600 51,619	21,800	1,814		0,020 0,065	M114	0,000 0,500	PL 10308	4	001 PS 10709 000 050

Ø 95,5 **58**

M 102.990 R 4 Benzin, 2498 cm³, 143 - 150 kW (195 - 204 PS), 9,7:1, 16 Ventile 190 E 2.5-16 09/1988...08/1993	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	57,950 57,965	62,500 62,519	21,400	2,386	1.2.3.4.5.	0,020 0,072	M157	0,250 0,750 1,000	HL 10294	5	001 HS 10657 025 075 100
	47,950 47,965	51,600 51,619	21,800	1,814		0,020 0,065	M114	0,000 0,500	PL 10308	4	001 PS 10709 000 050

Ø 97 **59**

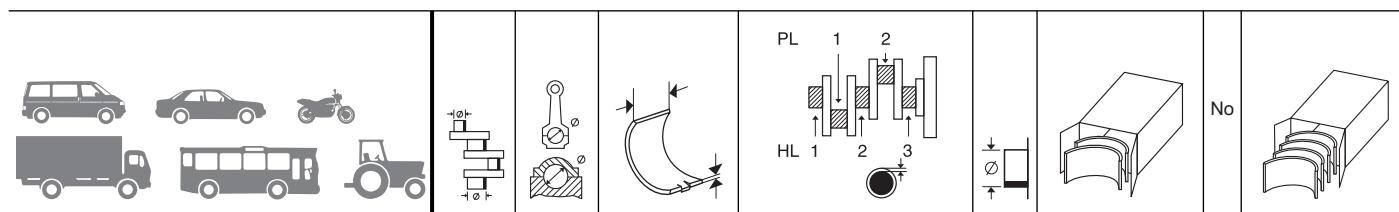
M 112.970, .972 - 973, .975 - 976 V 6 Benzin, 3724 cm³, 170 - 180 kW (231 - 245 PS), 10:1, 18 Ventile ML 350 08/2002...06/2005 S 350 09/2002...08/2005 SL 350 03/2003...01/2012 VIANO 3.7 06/2004...09/2007 VITO 123 3.7 06/2004...07/2008	72,000 72,250	83,750 84,000		2,65 2,70			M157	0,000	AL 20884	4	001 AS 20885 000
	22,000	24,500 24,521	19,400 19,900				M100	Semi	BB 20886	6	
	63,940 63,965	68,500 68,519	18,800 19,000	2,255 2,263		0,009 0,069	M916	0,000 0,200	HL 20880	4	001 HS 20881 000 020
	51,940 51,965	55,600 55,614	19,350 19,600	1,804 1,814		0,007 0,066	M900	0,000 0,200	PL 20882	6	001 PS 20883 000 020

Ø 97 **60**

OM 314 R 4 Diesel, 3782 cm³, 63 kW (86 PS), 17:1	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	4	001 BS 10713 300
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	2.	0,016 0,105	M23	0,000 0,250	NB 10374	1	
	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	3.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,191 55,210	60,000 60,030	26,000	2,50 2,68	1.	0,016 0,105	M100	0,000 0,250	NB 18310	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500	PL 10304	4	001 PS 10680 000 025 050

Ø 97 **61**

OM 314.900 R 4 Diesel, 3780 cm³, 46 - 63 kW (63 - 86 PS), 17:1, 8 Ventile	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	4	001 BS 10713 300
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	2.	0,016 0,105	M23	0,000 0,250	NB 10374	1	
OM 314.910, .914 - 922, .924 - 964 R 4 Diesel, 3782 cm³, 34 - 62 kW (47 - 85 PS), 17:1 608 09/1963...12/1984 L 408 DG 01/1970...12/1974 L 608 D 01/1970...12/1988 LKO 508 DG 06/1972...06/1988 U 54 (403) 04/1966...03/1972 U 66, U 72 03/1969...01/1988 U 72, U 80 01/1969...12/1977 U 800 01/1977...03/1990	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	3.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,191 55,210	60,000 60,030	26,000	2,50 2,68	1.	0,016 0,105	M100	0,000 0,250	NB 18310	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500	PL 10304	4	001 PS 10680 000 025 050



Ø 97 **62**

OM 314.953 R 4 Diesel, 3780 cm³, 59 kW (80 PS), 17:1, 8 Ventile	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	4	001 BS 10713 300
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	2.	0,016 0,105	M23	0,000 0,250	NB 10374	1	001 NS 10780 000 025
	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	3.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,191 55,210	60,000 60,030	26,000	2,50 2,68	1.	0,016 0,105	M100	0,000 0,250	NB 18310	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500	PL 10304	4	001 PS 10680 000 025 050
	59,995 60,015	65,000 65,019	32,100	2,46 2,472		0,041 0,109	M114	0,000 0,500	PL 18229	4	001 PS 18384 000 050

Ø 97 **63**

OM 314.967 R 4 Diesel, 3782 cm³, 63 kW (86 PS), 17:1 L 608 D 01/1970...12/1988	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	4	001 BS 10713 300
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500	PL 10304	4	001 PS 10680 000 025 050

Ø 97 **64**

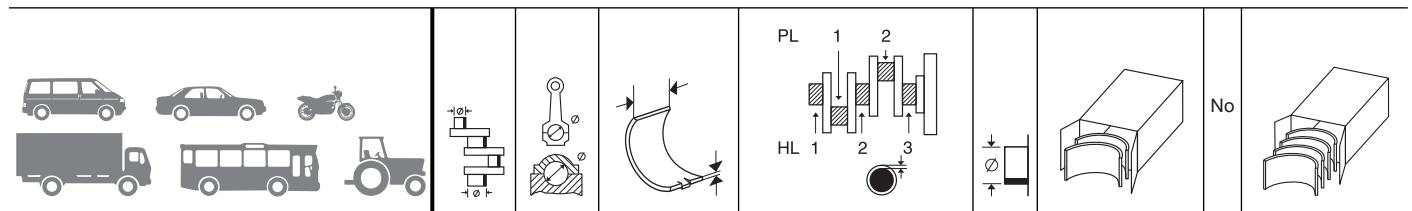
OM 314 A R 4 Diesel, 3780 cm³, 48 - 70 kW (65 - 95 PS), 16:1, Turbo	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	4	001 BS 10713 300
	87,990 88,010	93,000 93,022	31,740 31,810	2,465 2,477	2.	0,036 0,102	M100	0,000 0,250 0,500 0,750	FL 10168	1	001 HS 10472 000 025 050 075
	87,990 88,010	93,000 93,022	24,100	2,465 2,477	1.3.4.5.	0,036 0,102	M114	0,000 0,250 0,500 0,750	HL 18335	4	
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	2.	0,016 0,105	M23	0,000 0,250	NB 10374	1	001 NS 10780 000 025
	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	3.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,191 55,210	60,000 60,030	26,000	2,50 2,68	1.	0,016 0,105	M100	0,000 0,250	NB 18310	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500	PL 10304	4	001 PS 10680 000 025 050

Ø 97 **65**

OM 352 R 6 Diesel, 5675 cm³, 74 - 93 kW (101 - 126 PS), 17:1, Hub 128mm	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	6	001 BS 10714 300
	59,995 60,015	65,000 65,019	32,100	2,46 2,472		0,041 0,109	M114	0,000 0,250 0,500	PL 18229	6	001 PS 18300 000 025 050

Ø 97 **66**

OM 352.907, .986 R 6 Diesel, 5673 cm³, 51 - 95 kW (70 - 130 PS), 17:1 911 01/1967...03/1977	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	6	001 BS 10714 300
	87,990 88,010	93,000 93,022	31,740 31,810	2,465 2,477	4.	0,036 0,102	M114	0,000 0,750	FL 10167	1	001 HS 10001 000 075
	87,990 88,010	93,000 93,022	24,100	2,465 2,477	1.2.3.5.6.7.	0,036 0,102	M114	0,000 0,750	HL 18335	6	
	87,990 88,010	93,000 93,022	31,740 31,810	2,59 2,727	4.	0,036 0,102	M100	0,250	FL 10168	1	001 HS 10474 025
	87,990 88,010	93,000 93,022	24,100	2,59 2,727	1.3.4.5.6.7.	0,036 0,102	M114	0,250	HL 18335	6	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500 1,000	PL 10304	6	

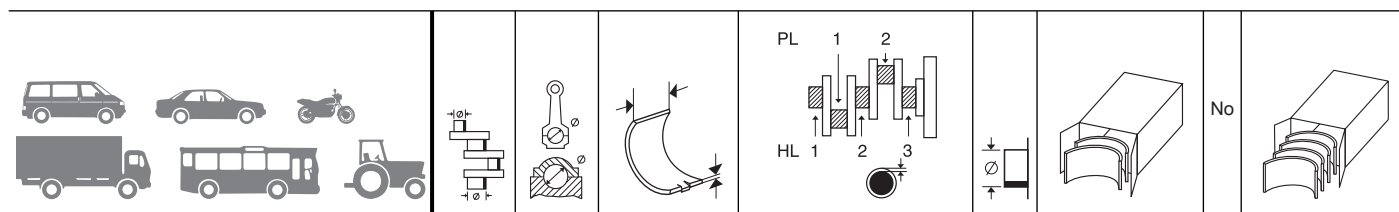


Ø 97 **67**

<p>OM 352.900 - 901, .903 - 906, .908, .911 - 912, .914, .919, .932 - 933, .941 - 945, .964 - 967, .969 - 975, .979, .981 - 985, .989 - 990, .999, OM 353.902, .941 - 946, .949, .981, .984 R 6 Diesel, 5673 cm³, 51 - 96 kW (70 - 130 PS), 17:1 813 09/1963...12/1984 1013 02/1976...12/1986 1213 09/1975...05/1986 1413 09/1975...12/1984 1613 08/1973...09/1996 L 911 01/1972...07/1983 U 65, U 70 01/1962...01/1988 U 80, U 84, U 90 05/1969...01/1988 U 80, U 90 05/1966... U 900 01/1977...05/1988</p> <p>OM 352.909 - 910, .913, .916, .918, .937, .946, .949 - 950, .968, .976, .988, .994, OM 352 A, OM 353.903 - 904, .911 - 917, .950 - 951, .963 - 969, .971 - 972, .974 - 975, .978, .982 - 983, .991, .996 - 997 R 6 Diesel, 5675 cm³, 51 - 127 kW (69 - 172 PS), 16:1 - 17:1, 12 Ventile 1013 11/1976...12/1984 1113 01/1980...12/1984 811 10/1969...12/1984 813 09/1963...12/1984 1217 08/1973...09/1996 1413 09/1975...12/1984 1417 05/1975...12/1984 L 613 D 04/1977...12/1988 L 911 01/1972...07/1983</p> <p>OM 353.952 - 954 R 6 Diesel, 5700 cm³, 124 kW (168 - 169 PS), 16,5:1, 12 Ventile 1217 08/1973...09/1996 1417 05/1975...12/1984</p>	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	6	001 BS 10714 300
	87,990 88,010	93,000 93,022	31,740 31,810	2,465 2,477	4.	0,036 0,102	M114	0,000 0,750	FL 10167	1	001 HS 10001 000 075
	87,990 88,010	93,000 93,022	24,100	2,465 2,477	1.2.3.5.6.7.	0,036 0,102	M114	0,000 0,750	HL 18335	6	
	87,990 88,010	93,000 93,022	31,740 31,810	2,59 2,727	4.	0,036 0,102	M100	0,250	FL 10168	1	001 HS 10474 025
	87,990 88,010	93,000 93,022	24,100	2,59 2,727	1.3.4.5.6.7.	0,036 0,102	M114	0,250	HL 18335	6	
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	3.	0,016 0,105	M23	0,000 0,250	NB 10374	1	001 NS 10782 000 025 050 <small>01/1979...</small>
	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	4.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,941 55,960	60,000 60,030	26,000	1,992 2,012	1.	0,016 0,105	M100	0,000 0,250 0,500	NB 10376	1	
	55,691 55,710	60,000 60,030	25,750 26,250	2,117 2,137	2.	0,030 0,079	M23	0,000 0,250 0,500	NB 10380	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500 1,000	PL 10304	6	001 PS 10000 000 025 050 100

Ø 97 **68**

<p>OM 353 A, OM 362.906, .910 R 6 Diesel, 5675 cm³, 92 - 141 kW (125 - 192 PS), 16,8:1 - 17:1, Turbo 2219 08/1973...09/1996</p> <p>OM 362.909 R 6 Diesel, 5700 cm³, 141 kW (192 PS), 16,8:1, Turbo, LLK, 12 Ventile 2219 08/1973...09/1996</p>	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	6	001 BS 10714 300
	87,990 88,010	93,000 93,022	31,740 31,810	2,465 2,477	4.	0,036 0,102	M114	0,000 0,750	FL 10167	1	001 HS 10001 000 075
	87,990 88,010	93,000 93,022	24,100	2,465 2,477	1.2.3.5.6.7.	0,036 0,102	M114	0,000 0,750	HL 18335	6	
	87,990 88,010	93,000 93,022	31,740 31,810	2,59 2,727	4.	0,036 0,102	M100	0,250	FL 10168	1	001 HS 10474 025
	87,990 88,010	93,000 93,022	24,100	2,59 2,727	1.3.4.5.6.7.	0,036 0,102	M114	0,250	HL 18335	6	
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	3.	0,016 0,105	M23	0,000 0,250	NB 10374	1	001 NS 10782 000 025 050
	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	4.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,941 55,960	60,000 60,030	26,000	1,992 2,012	1.	0,016 0,105	M100	0,000 0,250 0,500	NB 10376	1	
	55,691 55,710	60,000 60,030	25,750 26,250	2,117 2,137	2.	0,030 0,079	M23	0,000 0,250 0,500	NB 10380	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500 1,000	PL 10304	6	001 PS 10000 000 025 050 100



Ø 97,5 **69**

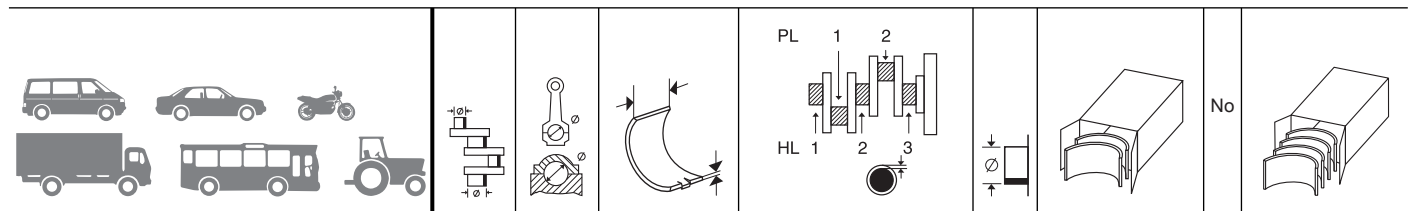
OM 354.901 - 903, .923 - 925, OM 364.912, .920, .980 - 981, .984, .986 - 987, Euro 2 R 4 Diesel, 3972 cm³, 63 - 177 kW (86 - 241 PS), Turbo, LLK 714 D 06/1994...12/1994 809 D 04/1986...12/1994 814 D 11/1987...12/1994 O 614 D 07/1987...12/1992	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	4	001 BS 10713 300
	87,990 88,010	93,000 93,022	31,740 31,810	2,465 2,473	2.	0,036 0,102	M114	0,000	FL 10322	1	001 HS 10767 000
	87,990 88,010	93,000 93,022	24,100	2,465 2,477	1.3.4.5.	0,036 0,102	M114	0,000	HL 18335	4	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500	PL 10304	4	001 PS 10680 000 025 050

Ø 97,5 **70**

OM 356.901, .905, .907 - 910, .940, .977 - 980, .983, .986 - 999, OM 366.900 - 901, .905, .907, .909 - 910, .914, .917 - 919, .930 - 933, .936 - 938, .940 - 946, .951 - 953, .955, .957, .960, .962, .965 - 971, .973 - 974, .976, .978 - 981, .983 - 984, .988, .990, .992 - 997, OM 366 LA, Euro 1 R 6 Diesel, 5958 cm³, 95 - 177 kW (129 - 241 PS), 16,3:1 - 18:1 1120 01/1984...12/1998 1124 03/1992...12/1998 1314 07/1984...12/1998 914 03/1984...12/1998 917 02/1987...12/1998 1224 07/1989...09/1996 1417 04/1984...09/1996 1422 03/1993...08/1994 1717 12/1987...09/1996 1722 12/1988...08/1994 1824 08/1992...09/1996 1217 05/1982...10/1990 1614 04/1984...03/1991 1617 08/1973...09/1996 U 1400 01/1988... U 1550 05/1988... U 1650 09/1989...05/1991 U 1800 04/1992... U 2150 09/1989... U 2450 05/1991...07/1993	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	6	001 BS 10714 300
	87,990 88,010	93,000 93,022	31,740 31,810	2,465 2,473	4.	0,036 0,102	M114	0,000 0,250 0,500	FL 10322	1	001 HS 10768 000 025 050
	87,990 88,010	93,000 93,022	24,100	2,465 2,477	1.2.3.5.6.7	0,036 0,102	M114	0,000 0,250 0,500	HL 18335	6	
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	3.	0,016 0,105	M23	0,000 0,250	NB 10374	1	001 NS 10782 000 025 050
	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	4.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,941 55,960	60,000 60,030	26,000	1,992 2,012	1.	0,016 0,105	M100	0,000 0,250 0,500	NB 10376	1	
	55,691 55,710	60,000 60,030	25,750 26,250	2,117 2,137	2.	0,030 0,079	M23	0,000 0,250 0,500	NB 10380	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500 1,000	PL 10304	6	001 PS 10000 000 025 050 100

Ø 97,5 **71**

OM 364.900 - 901, .906 - 907, .911, .913, .919, .921, .950, .952, .954 R 4 Diesel, 3972 cm³, 49 - 85 kW (67 - 116 PS), 16,5:1 - 17,3:1, 8 Ventile 709 03/1984...12/1998 809 D 04/1986...12/1994 O 609 D 07/1987...12/1992	35,993 36,000	39,000 39,025	34,500	1,85 2,10		0,030 0,047	M100	Semi	BB 10320	4	001 BS 10713 300
	87,990 88,010	93,000 93,022	31,740 31,810	2,465 2,473	2.	0,036 0,102	M114	0,000	FL 10322	1	001 HS 10767 000
	87,990 88,010	93,000 93,022	24,100	2,465 2,477	1.3.4.5.	0,036 0,102	M114	0,000	HL 18335	4	
	55,441 55,460	60,000 60,030	25,750 26,250	2,242 2,262	2.	0,016 0,105	M23	0,000 0,250	NB 10374	1	001 NS 10780 000 025
OM 364.918, .957 - 958 R 4 Diesel, 3970 cm³, 63 - 77 kW (85 - 105 PS), 16,5:1, 8 Ventile 709 03/1984...12/1998 811 D 04/1986...12/1994 U 110 02/1992...	55,191 55,210	60,000 60,030	25,750 26,250	2,367 2,387	3.	0,016 0,105	M23	0,000 0,250	NB 10375	1	
	55,191 55,210	60,000 60,030	26,000	2,50 2,68	1.	0,016 0,105	M100	0,000 0,250	NB 18310	1	
	59,995 60,015	65,000 65,019	29,150 29,400	2,46 2,472		0,041 0,106	M114	0,000 0,250 0,500	PL 10304	4	001 PS 10680 000 025 050



Ø 102 72

OM 900.910 - 911, .913, .917 - 919, .921, .962, .965 - 968, OM 907.910, .920, .930, .940 - 941, .960, .970, .980, .990 R 4 Diesel, 4250 cm³, 75 - 142 kW (102 - 190 PS), 17:1 - 18:1, Turbo, LLK, 12 Ventile 915 C 05/2003... 1214 01/1998...10/2004 712 01/1998...09/2004 715 02/1998...09/2004 1518 10/2004... 1317 03/1996...10/2004 711 03/1996...12/1998 U 300 03/2000... U 3000 09/2002... VARIO 615 D, 616 D 09/1998...09/2013 VARIO 813 D, 814 D 09/1996...09/2013 VARIO O 813 01/2006...09/2013 VARIO O 818 D 09/2006...09/2013 OM 900.922, OM 904.964, Euro 4 R 4 Diesel, 4249 cm³, 95 - 130 kW (129 - 177 PS), 17,4:1 - 17,8:1, Turbo, 12 Ventile VARIO 618 D 09/2006...09/2013 OM 924.914, Euro 3 R 4 Diesel, 4800 cm³, 160 kW (218 PS), 17,4:1, Turbo, LLK, 3 Ventile	93,650 94,000	117,500 117,850		3,24 3,31			M157 0,000 0,300	AL 19792	2	001 AS 19793 000 030
	67,941 67,960	72,000 72,300	19,500 20,000	2,30			M114 Semi	NB 20911	4	001 NS 20913 300
	67,941 67,960	72,000 72,030	29,000 29,500	2,30			M114 Semi	NB 20912	1	

Ø 102 73

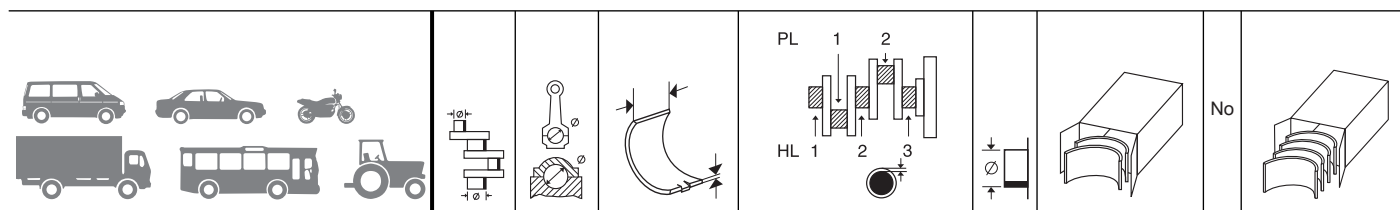
OM 900.912 R 4 Diesel, 4250 cm³, 95 kW (129 PS), 17,4:1, Turbo, LLK, 3 Ventile OM 906.915, Euro 3 R 6 Diesel, 6374 cm³, 170 kW (231 PS), 17,4:1, Turbo, LLK, 18 Ventile 1523 01/1998... 1923 04/1998...09/2004 1323, 1324 10/2004...	93,650 94,000	117,500 117,850		3,24 3,31			M157 0,000 0,300	AL 19792	2	001 AS 19793 000 030

Ø 102 74

OM 900.915, OM 904.903, .960, .964, .971 - 972, .974 - 975, .977 - 979 R 4 Diesel, 4250 cm³, 75 - 130 kW (102 - 177 PS), 17,4:1 - 18,1:1, Turbo, LLK, 12 Ventile 1418 01/2011... 1518 10/2004... OM 900.916, OM 904.970, .973, .976 R 4 Diesel, 4249 cm³, 110 - 130 kW (150 - 177 PS), 17,4:1 - 18,1:1, Turbo, LLK, 12 Ventile 1418 01/2011... 1518 10/2004... 711 03/1996...12/1998	67,941 67,960	72,000 72,300	19,500 20,000	2,30			M114 Semi	NB 20911	4	001 NS 20913 300
	67,941 67,960	72,000 72,030	29,000 29,500	2,30			M114 Semi	NB 20912	1	

Ø 102 75

OM 902.910 - 922, .927, .930 - 933, OM 906.910 - 914, .916 - 941, .944 - 968, .970 - 971, .974 - 983, .985, .988, OM 909.900 - 901, .910 - 911, .920 - 921, .960, .970 - 971, Euro 4 R 6 Diesel, 6374 cm³, 142 - 224 kW (190 - 300 PS), Turbo, LLK, 18 Ventile 1523 01/1998... 1828 03/1998... 2228 04/1998...09/2004 2528 05/1998...01/2011 1324 10/2004... 1728 01/2007... 3028 3228 01/2002...10/2004 1824 09/0206... 2629 10/2001...10/2004 U 400 03/2000... U 500 10/2000... U 5000 11/2002...	93,650 94,000	117,500 117,850		3,24 3,31			M157 0,000 0,300	AL 19792	2	001 AS 19793 000 030
	67,941 67,960	72,000 72,300	19,500 20,000	2,30			M114 Semi	NB 20911	6	001 NS 20914 300
	67,941 67,960	72,000 72,030	29,000 29,500	2,30			M114 Semi	NB 20912	1	



Ø 102 **76**

OM 902.923 - 926, .934 - 939, OM 906.915, .973, .984, .986 - 987, .989 - 995, .998 - 999, Euro 4 R 6 Diesel, 6374 cm³, 130 - 210 kW (177 - 286 PS), Turbo, LLK, 18 Ventile 1725 10/2004... 1728 01/2007...	67,941	72,000	19,500	2,30			M114	Semi	NB 20911	6	001 NS 20914 300
	67,960	72,300	20,000								
	67,941	72,000	29,000	2,30			M114	Semi	NB 20912	1	
	67,960	72,030	29,500								

Ø 106 **77**

M 906.900 - 901, .903 R 6 Gas, 6374 cm³, 170 - 205 kW (231 - 279 PS), 10,5:1, 18 Ventile 2628 10/2000...	93,650	117,500		3,24			M157	0,000	AL 19792	2	001 AS 19793 000 030
	94,000	117,850		3,31							
OM 926.936 R 6 Diesel, 7201 cm³, 240 kW (326 PS), 17,4:1, 18 Ventile 2733 09/2008...											

Ø 106 **78**

OM 924.910 - 912, .915 - 917, .919 - 920, .924, Euro 3 R 4 Diesel, 4800 cm³, 142 - 160 kW (193 - 218 PS), Turbo, LLK, 3 Ventile 922 10/2004... U 4000 09/2002...	93,650	117,500		3,24			M157	0,000	AL 19792	2	001 AS 19793 000 030
	94,000	117,850		3,31							
	67,941	72,000	19,500	2,30			M114	Semi	NB 20911	4	
67,960	72,300	20,000									
	67,941	72,000	29,000	2,30			M114	Semi	NB 20912	1	
	67,960	72,030	29,500								
OM 924.922 - 923, Euro 4 R 4 Diesel, 4801 cm³, 160 kW (218 PS), 17,4:1, 3 Ventile 1022 10/2004... U 4000 09/2002...											

Ø 106 **79**

OM 924.913, .925, .928 - 930, .932, Euro 3 R 4 Diesel, 4801 cm³, 142 - 160 kW (193 - 218 PS), 17,4:1, Hub 136mm, 12 Ventile 1222 10/2004...	67,941	72,000	19,500	2,30			M114	Semi	NB 20911	4	001 NS 20913 300
	67,960	72,300	20,000								
	67,941	72,000	29,000	2,30			M114	Semi	NB 20912	1	
	67,960	72,030	29,500								
OM 924.927, .931, Euro 5 R 4 Diesel, 4250 cm³, 160 kW (218 PS), 17,4:1, Turbo, LLK, 12 Ventile											
OM 924.933, Euro 5 R 4 Diesel, 4800 cm³, 142 kW (193 PS), 17,4:1, Hub 136mm, Turbo, LLK, 12 Ventile											

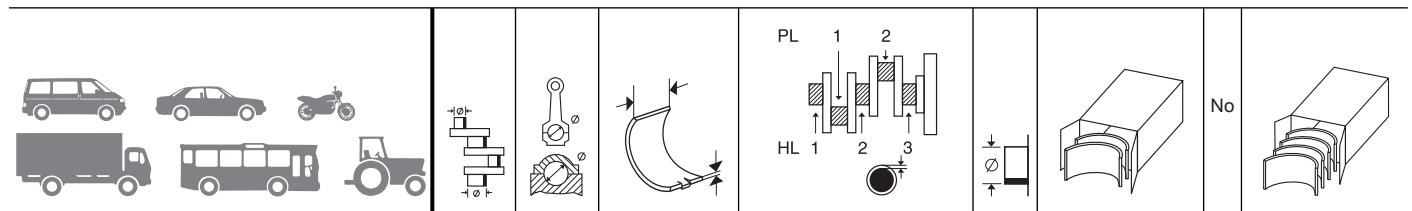
Ø 106 **80**

OM 926.910 - 918, .920 - 921, .924 - 929, .932, .938, Euro 3 R 6 Diesel, 7200 cm³, 187 - 240 kW (254 - 326 PS), 17:1 - 17,4:1, Turbo, LLK, 18 Ventile 1933 10/2004... 2633 10/2001... 10/2004 2831 01/2011...	93,650	117,500		3,24			M157	0,000	AL 19792	2	001 AS 19793 000 030
	94,000	117,850		3,31							
	67,941	72,000	19,500	2,30			M114	Semi	NB 20911	6	
67,960	72,300	20,000									
	67,941	72,000	29,000	2,30			M114	Semi	NB 20912	1	
	67,960	72,030	29,500								
OM 926.919, .930, .934 - 935, .937, .939, Euro 4 R 6 Diesel, 7201 cm³, 210 - 240 kW (286 - 326 PS), 17,4:1, Turbo, LLK, 24 Ventile 2831 01/2011... 1833 10/2004... 2633 10/2001... 3233 2733 09/2008...											

Ø 106 **81.1**

OM 926.933, .941, .944 - 949, .990, .996, .999, Euro 3 R 6 Diesel, 7201 cm³, 188 - 240 kW (256 - 326 PS), 18 Ventile 1728 01/2007... 1933 10/2004... 2733 09/2008...	67,941	72,000	19,500	2,30			M114	Semi	NB 20911	6	001 NS 20914 300
	67,960	72,300	20,000								
	67,941	72,000	29,000	2,30			M114	Semi	NB 20912	1	
	67,960	72,030	29,500								

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Ø 106 - Fortsetzung / Continued

81.2

OM 926.940 , .942, .950, .960 - 961, .963 R 6 Diesel, 7200 cm³, 194 - 240 kW (264 - 326 PS), 17:1 - 17,4:1, Turbo, LLK, 18 Ventile	67,941	72,000	19,500	2,30			M114	Semi	NB 20911	6	001 NS 20914 300
	67,960	72,300	20,000								
	67,941	72,000	29,000	2,30			M114	Semi	NB 20912	1	
	67,960	72,030	29,500								

Ø 115

82

OM 360.910 - 912, .914 - 918, .930 - 931, .933 - 944, .946 - 947, .954 - 956, .959, .974, .976, .978 R 6 Diesel, 8720 cm³, 125 - 141 kW (170 - 192 PS), 16,8:1, 12 Ventile	42,000	46,000	41,000				M100	Semi	BB 18149	6	001 BS 18150 300
	97,980	104,000	41,740	3,213	7.	0,050	M114	0,500	FL 10231	1	
	98,000	104,022	41,810	3,475		0,116					001 HS 10549 050
	97,980	104,000	28,300	3,213	1.2.3.4.5.6.	0,050	M114	0,500	HL 10169	6	
	98,000	104,022	28,500	3,475		0,116					001 NS 10667 300
OM 360.982 R 6 Diesel, 8725 cm³, 154 kW (210 PS), 16:1, Turbo	57,351	62,000	34,750				M11	Semi	NB 10400	1	
	57,370	62,030	35,350								
	57,851	62,000	19,750				M11	Semi	NB 10401	4	
	57,870	62,030	20,250								
	57,651	62,000	47,750				M11	Semi	NB 10405	1	
	57,670	62,030	48,250								
57,951	62,000	34,750				M11	Semi	NB 10406	1		
57,970	62,030	35,350									
71,980	77,000	34,900	2,464		0,048	M114	0,000	PL 10230	6	001 PS 10548 000 025 050 075	
72,000	77,019	35,100	2,476		0,111						

Ø 125

83

OM 401.900 - 901, .905 - 906, .909, .912 - 919, .921 - 928 V 6 Diesel, 9570 cm³, 129 - 188 kW (175 - 256 PS), 12 Ventile	103,980	111,000	30,250	3,835	1.2.3.	0,056	M114	0,750	001 HL 10267 075	3	001 HS 10743 075
	104,000	111,022	30,500	4,222		0,122					
1019 01/1979...12/1982 1219 09/1975...12/1984 1419 08/1973...09/1996 1719 09/1973...08/1982 1919 05/1974...08/1982	89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000 050	6	001 PS 10737 000 050
	90,000	95,022	31,000	2,473		0,116		0,500			
OM 401.907 - 908 V 6 Diesel, 9572 cm³, 141 kW (192 PS), 12 Ventile											

Ø 125

84

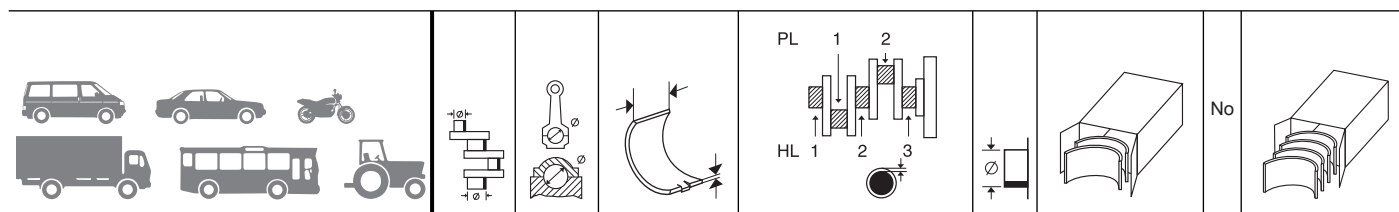
OM 401.970 , Euro 1 V 6 Diesel, 9600 cm³, 213 kW (290 PS), 16,8:1, Turbo, LLK, 12 Ventile	103,980	111,000	30,250	3,835	1.2.3.	0,056	M114	0,750	001 HL 10267 075	3	001 HS 10743 075
	104,000	111,022	30,500	4,222		0,122					
OM 401.972 - 975, .977 - 981, .984 - 994, Euro 1 V 6 Diesel, 9572 cm³, 180 - 230 kW (245 - 313 PS), 16,8:1, Turbo, LLK, 12 Ventile	1224	02/1993...09/1996									
	1227	01/1992...07/1992									
	1231	01/1992...09/1996									
	1422	02/1993...08/1994									
	1431	12/1987...08/1996									
	1727	12/1988...08/1994									
	1824	08/1992...09/1996									
	2426	02/1990...08/1994									
	2527	12/1987...09/1996									
	2031	03/1992...09/1996									
	2531	07/1987...09/1996									
	2629	07/1988...08/1994									
	2631	07/1988...09/1996									

Ø 125

85.1

OM 402.900 V 8 Diesel, 12800 cm³, 177 - 188 kW (241 - 256 PS), 16,8:1, Hub 130mm, 16 Ventile	103,980	111,000	37,740	3,46	5.	0,044	M114	0,000	001 FL 10328 000 025 050	1	001 HS 10003 000 025 050 075 100
	104,000	111,022	37,810	3,472		0,110		0,250			
	103,980	111,000	30,250	3,46	1.2.3.4.	0,056	M114	0,000	001 HL 10267 000 025 050 075 100	4	
	104,000	111,022	30,500	3,472		0,122		0,250			
								0,500			
								0,750			
								1,000			

Fortsetzung nächste Seite / Continued on next page



Ø 125 - Fortsetzung / Continued

85.2

OM 402.901, .905 - 907, .910 - 914, .916 - 917, .919, .921, .923 - 928 V 8 Diesel, 12756 cm ³ , 177 - 188 kW (240 - 256 PS), 17,5:1, Hub 142mm, 16 Ventile 1626 08/1973...09/1996 2026 10/1976...10/1980 2224 05/1975...03/1984 2626 08/1973...12/1981	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1	001 NS 10545 000
	69,940	76,030									
	69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4	
	69,940	75,030	28,000								
	69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300
69,940	76,030										
69,910	75,000	27,500	2,50			M157	Semi	NB 10245	4		
69,940	75,030	28,000									
89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000	8	001 PS 10002 000	
90,000	95,022	31,000	2,473		0,116		0,250	025			
							0,500	050			
							0,750	075			
							1,000	100		100	

Ø 125

86

OM 402.970 - 975, .977 - 978, .982 - 987, .989 - 990, .995 - 996, Euro 1 V 8 Diesel, 12760 cm ³ , 280 - 295 kW (381 - 401 PS), 16,8:1, Turbo, LLK 1831 12/1988...08/1994 1840 07/1991...07/1992 2031 03/1992...09/1996 2038 11/1991...09/1996 2538 07/1987...09/1996 2629 07/1988...08/1994 2635 01/1991...08/1994 2638 09/1991...09/1996 3535 03/1991...08/1994 3538 03/1991...09/1996	103,980	111,000	37,740	3,46	5.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10003 000
	104,000	111,022	37,810	3,472				0,250	025		
								0,500	050		
	103,980	111,000	30,250	3,46	1.2.3.4.	0,056	M114	0,000	001 HL 10267 000	4	
	104,000	111,022	30,500	3,472				0,250	025		
								0,500	050		
								0,750	075		
								1,000	100		
	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1	001 NS 10545 000
	69,940	76,030									
69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4		
69,940	75,030	28,000									
69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300	
69,940	76,030										
69,910	75,000	27,500	2,50			M157	Semi	NB 10245	4		
69,940	75,030	28,000									

Ø 125

87

OM 402.902, OM 402 A V 8 Diesel, 12756 cm ³ , 177 - 280 kW (241 - 381 PS), 16,8:1, Hub 142mm	103,980	111,000	37,740	3,46	5.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10003 000
	104,000	111,022	37,810	3,472				0,250	025		
								0,500	050		
	103,980	111,000	30,250	3,46	1.2.3.4.	0,056	M114	0,000	001 HL 10267 000	4	
	104,000	111,022	30,500	3,472				0,250	025		
								0,500	050		
								0,750	075		
								1,000	100		
	89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000	8	001 PS 10002 000
	90,000	95,022	31,000	2,473		0,116		0,250	025		
							0,500	050			
							0,750	075			
							1,000	100		100	

Ø 125

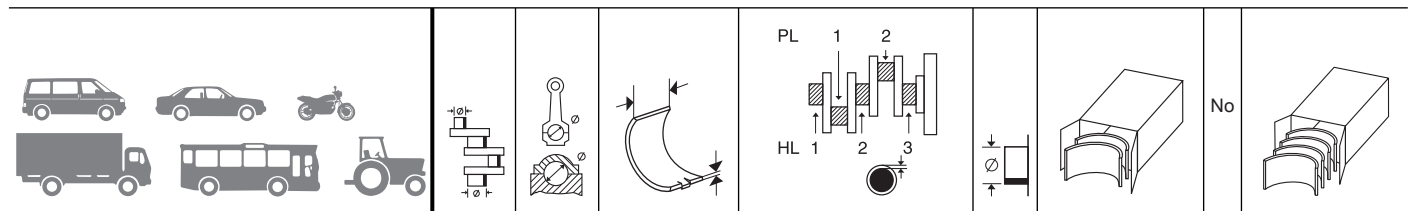
88

OM 403.900, .905 - 906, .910 - 911, .915 - 917, .919, .930, .933 - 934 V 10 Diesel, 15950 cm ³ , 184 - 261 kW (250 - 355 PS), 17,2:1 - 17,5:1, 20 Ventile 1932 08/1973...09/1996 2632 08/1973...09/1983	103,980	111,000	37,740	3,46	6.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10007 000	
	104,000	111,022	37,810	3,472				0,250	025			
								0,500	050			
	103,980	111,000	30,250	3,46	1.2.3.4.5.	0,056	M114	0,000	001 HL 10267 000	5		
	104,000	111,022	30,500	3,472				0,250	025			
								0,500	050			
	OM 403.918, .931 - 932, .935 V 10 Diesel, 15900 cm ³ , 235 - 236 kW (320 PS), 17,2:1, 20 Ventile 1932 08/1973...09/1996 2032 08/1975...09/1983 2632 08/1973...09/1983											

Ø 125

89

OM 404.900 - 901 V 12 Diesel, 20910 cm ³ , 184 - 386 kW (250 - 525 PS)	103,980	111,000	37,740	3,46		0,044	M114	0,000	001 FL 10328 000	1	001 HS 10746 000
	104,000	111,022	37,810	3,472		0,110		0,500	050		
	103,980	111,000	30,250	3,46		0,056	M114	0,000	001 HL 10267 000	6	
	104,000	111,022	30,500	3,472		0,122		0,500	050		



Ø 128 **90**

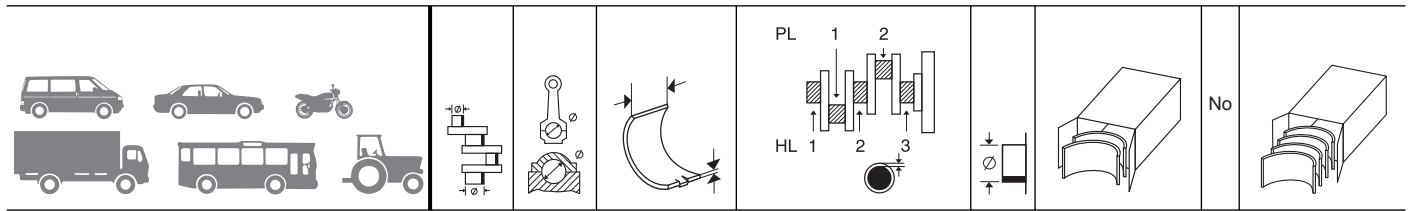
OM 355.960 - 964, .966 - 970, .972 - 975, .983 R 6 Diesel, 11581 cm³, 136 - 206 kW (185 - 280 PS), 16,5:1 - 17,2:1, 24 Ventile L 2624, L 2628	47,993 48,000	52,000 52,030	45,000	2,07 2,25		0,060 0,077	M100	Semi	BB 10337	6	001 BS 10779 300
	94,980 95,000	102,000 102,022	64,710 64,780	3,455 3,47	7.	0,060 0,132	M114	0,000 0,250 0,500 1,000	FL 10179	1	001 HS 10005 000 025 050 100
	94,980 95,000	100,000 100,022	35,150	2,455 2,47	1.2.3.5.6.	0,060 0,132	M114	0,000 0,250 0,500 1,000	HL 10178	5	
	94,980 95,000	100,000 100,022	52,150	2,455 2,47	4.	0,060 0,132	M114	0,000 0,250 0,500 1,000	HL 10206	1	
	53,851 53,870	58,000 58,030	33,000	2,50 2,57	1.	0,030 0,079	M23	Semi	NB 10387	1	001 NS 10664 311
	53,751 53,770	58,000 58,030	30,000	2,50 2,57	2.4.6.	0,030 0,079	M23	Semi	NB 10388	3	
	53,651 53,670	58,000 58,030	55,000	2,50 2,57	3.	0,030 0,079	M23	Semi	NB 10390	1	
	53,351 53,370	58,000 58,030	30,000	2,50 2,57	5.	0,030 0,079	M23	Semi	NB 10391	1	
	53,251 53,270	58,000 58,030	30,000	2,55 2,62	7.	0,030 0,079	M23	Semi	NB 10392	1	
	77,980 78,000	83,000 83,022	41,750	2,453 2,468		0,064 0,136	M114	0,000 0,250 0,500 0,750 1,000	PL 10177	6	001 PS 10004 000 025 050 075 100

Ø 128 **91**

OM 421.900 V 6 Diesel, 10965 cm³, 16,5:1	103,980 104,000	111,000 111,022	30,250 30,500	3,835 4,222	1.2.3.	0,056 0,122	M114	0,750	001 HL 10267 075	3	001 HS 10743 075
	89,980 90,000	95,000 95,022	30,800 31,000	2,463 2,473		0,054 0,116	M114	0,000 0,500	001 PL 10264 000 050	6	001 PS 10737 000 050
OM 421.905 - 908, .910 V 6 Diesel, 10964 cm³, 159 kW (216 PS), 16,9:1, 12 Ventile 1222 05/1982...12/1991 1922 10/1981...03/1991 2222 08/1973...09/1996											
OM 441.900, .928 - 931, .934 - 937 V 6 Diesel, 11303 cm³, 150 - 165 kW (204 - 224 PS), 16,3:1											

Ø 128 **92**

OM 421.901 V 6 Diesel, 10965 cm³, 184 - 418 kW (250 - 568 PS), 16,9:1, Turbo, 12 Ventile	103,980 104,000	111,000 111,022	30,250 30,500	3,835 4,222	1.2.3.	0,056 0,122	M114	0,750	001 HL 10267 075	3	001 HS 10743 075
	OM 421.951, OM 441.951, .953, .960, .981 - 983, .985 V 6 Diesel, 10964 cm³, 184 - 250 kW (250 - 340 PS), 16,3:1, Turbo, 12 Ventile 1726 12/1988...08/1994 1733, 1734 12/1987...09/1996 2426 02/1990...08/1994 3233 10/1990...07/1992										
OM 441.950, .960 - 962, .980 - 983, .985 - 999, OM 445.920 - 927, .929 - 931, .933 - 941, Euro 0 V 6 Diesel, 10960 cm³, 165 - 250 kW (224 - 340 PS), 16,3:1 - 17,3:1, Turbo, 12 Ventile 1227 01/1992...07/1992 1234 01/1992...09/1996 1427 02/1993...09/1996 2431 12/1987...08/1996 2527 12/1987...09/1996 1831 07/1987...09/1996 2024 01/1994...09/1996 2031 03/1992...09/1996 2631, 2634 07/1988...09/1996 2634 06/1992...09/1996 3234 02/1992...09/1996 3534 10/1993...09/1996											



Ø 128 **93**

OM 422.900 , .905 - 911, .914 - 915, .917 - 923 V 8 Diesel, 14618 cm³, 184 - 206 kW (250 - 280 PS), 16,5:1 1428 05/1982...12/1991 1625 08/1973...09/1996 2028 01/1980...06/1989 2425 04/1985...03/1991 2528 01/1980...03/1991 2628 02/1980...03/1991 3025 08/1983...03/1991 3228 07/1987...03/1991 3528 07/1982...09/1989	103,980	111,000	37,740	3,46	5.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10003 000	
	104,000	111,022	37,810	3,472				0,250	025		025	
								0,500	050		050	
											075	
											100	
		103,980	111,000	30,250	3,46	1.2.3.4.	0,056	M114	0,000	001 HL 10267 000	4	
		104,000	111,022	30,500	3,472		0,122		0,250	025		
									0,500	050		
									0,750	075		
									1,000	100		
	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1	001 NS 10545 000	
	69,940	76,030										
	69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4		
	69,940	75,030	28,000									
	69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300	
	69,940	76,030										
	69,910	75,000	27,500	2,50			M157	Semi	NB 10245	4		
	69,940	75,030	28,000									
	89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000	8	001 PS 10002 000	
	90,000	95,022	31,000	2,473		0,116		0,250	025		025	
								0,500	050		050	
								0,750	075		075	
								1,000	100		100	

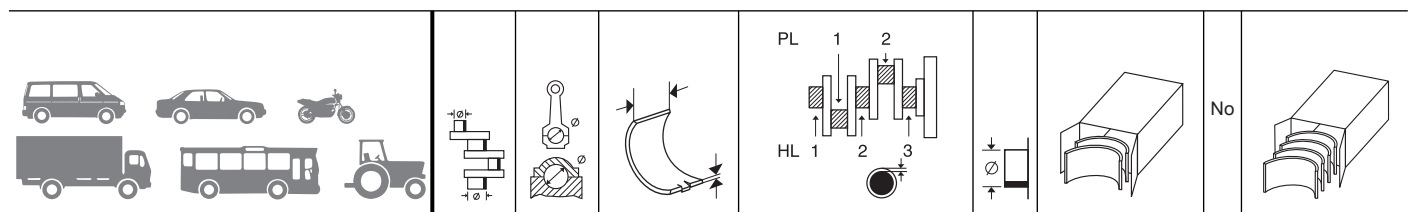
Ø 128 **94**

OM 422.901 , .912 - 913, .953 - 955, .959, .963, OM 442.901 , .976 V 8 Diesel, 14618 cm³, 184 - 362 kW (250 - 492 PS), 16,3:1 - 16,9:1, Turbo, 16 Ventile 1228 05/1982...12/1991 1633 08/1973...09/1996 2028 01/1980...06/1989 2225 08/1983...03/1991 2433 10/1980...09/1996 2528 01/1980...03/1991 2628 02/1980...03/1991 2633 05/1982...05/1987 2638 01/1981...12/1986 3333 12/1982...11/1991 1735 07/1987...09/1996 1935 05/1989...08/1994 2635 07/1988...08/1994	103,980	111,000	37,740	3,46	5.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10003 000	
	104,000	111,022	37,810	3,472				0,250	025		025	
								0,500	050		050	
											075	
											100	
		103,980	111,000	30,250	3,46	1.2.3.4.	0,056	M114	0,000	001 HL 10267 000	4	
		104,000	111,022	30,500	3,472		0,122		0,250	025		
									0,500	050		
									0,750	075		
									1,000	100		
	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1	001 NS 10545 000	
	69,940	76,030										
	69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4		
	69,940	75,030	28,000									
	69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300	
	69,940	76,030										
	69,910	75,000	27,500	2,50			M157	Semi	NB 10245	4		
	69,940	75,030	28,000									
OM 422.951 - 952, .956 V 8 Diesel, 14600 cm³, 243 kW (330 PS), 16,3:1, Turbo, 16 Ventile 2033 12/1981...05/1987 2233 08/1973...09/1996 2633 05/1982...05/1987												
OM 422.957 - 958 V 8 Diesel, 14620 cm³, 243 kW (330 PS), 16,3:1, Turbo, 16 Ventile 2233 08/1973...09/1996 2433 10/1980...09/1996 2633 05/1982...05/1987												

Ø 128 **95.1**

OM 423.900 - 901, .905 - 909, .950 V 10 Diesel, 18273 cm³, 184 - 418 kW (250 - 568 PS) 1636 08/1973...09/1996 2036 03/1984...03/1991 2236 09/1982...03/1991 2536 10/1981...03/1991 3250 09/1985...08/1994 3336 11/1981...11/1991 3536 12/1982...11/1991 3836 11/1981...03/1991 3236 07/1987... 3238 03/1991...09/1996	103,980	111,000	37,740	3,46	6.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10007 000	
	104,000	111,022	37,810	3,472				0,250	025		025	
								0,500	050		050	
		103,980	111,000	30,250	3,46	1.2.3.4.5.	0,056	M114	0,000	001 HL 10267 000	5	
		104,000	111,022	30,500	3,472		0,122		0,250	025		
									0,500	050		

Fortsetzung nächste Seite / Continued on next page



Ø 128 - Fortsetzung / Continued **95.2**

OM 443.910, .940 V 10 Diesel, 18267 cm³, 331 - 340 kW (450 - 462 PS), 16,3:1, Turbo 2628 01/1990...03/1991 2629 07/1988...08/1994	103,980	111,000	37,740	3,46	6.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10007 000 025 050
	104,000	111,022	37,810	3,472				0,250 0,500	025 050		
OM 443.980 V 10 Diesel, 18270 cm³, 412 kW (560 PS), 16,3:1, Turbo, LLK, 20 Ventile	103,980	111,000	30,250	3,46	1.2.3.4.5.	0,056	M114	0,000	001 HL 10267 000	5	025 050
	104,000	111,022	30,500	3,472		0,122		0,250 0,500	025 050		

Ø 128 **96**

OM 424.900 - 901 V 12 Diesel, 21930 cm³, 309 - 441 kW (420 - 600 PS), 16,5:1, 24 Ventile	103,980	111,000	37,740	3,46		0,044	M114	0,000	001 FL 10328 000	1	001 HS 10746 000 050
	104,000	111,022	37,810	3,472		0,110		0,500	050		
OM 444.901 - 901 V 12 Diesel, 21920 cm³, 16,3:1, Turbo	103,980	111,000	30,250	3,46		0,056	M114	0,000	001 HL 10267 000	6	050
	104,000	111,022	30,500	3,472		0,122		0,500	050		

Ø 128 **97**

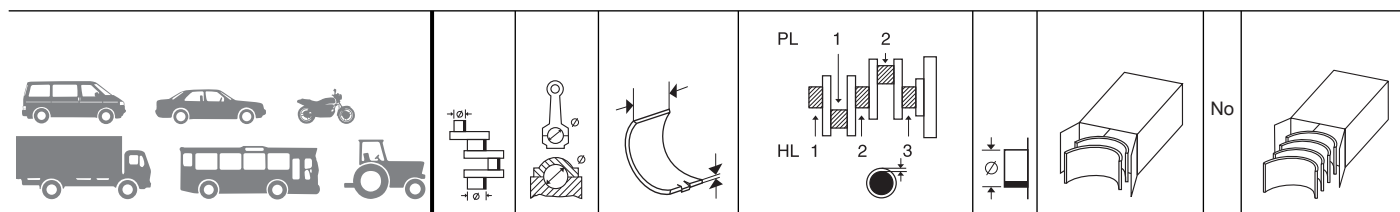
OM 424 LA, OM 424 LA V 12 Diesel, 21927 cm³, 184 - 452 kW (250 - 615 PS), 16,3:1, Turbo, LLK	103,980	111,000	37,740	3,46		0,044	M114	0,000	001 FL 10328 000	1	001 HS 10746 000 050
	104,000	111,022	37,810	3,472		0,110		0,500	050		
	103,980	111,000	30,250	3,46		0,056	M114	0,000	001 HL 10267 000	6	
	104,000	111,022	30,500	3,472		0,122		0,500	050		
	103,980	111,000	30,500	3,472		0,056	M330	0,000	001 HL 10269 000	6	
104,000	111,022				0,123						

Ø 128 **98**

OM 440.940 - 942, .945, .970 - 973, .975 - 976, .978 - 991, OM 442.941 - 942, .944 - 946, .950, .952, .954 - 955, .957 - 968, .977 - 978, .980, .982 - 983, .985, .989, .992 - 999, OM 446.920, .922 - 936, .938 - 943, .945 - 946, .948, Euro 1 V 8 Diesel, 14618 cm³, 250 - 440 kW (340 - 598 PS), Turbo, 16 Ventile 2036 01/1980...06/1989 2536 10/1981...03/1991 3335 04/1986...03/1991 3336 11/1981...03/1991 3338 01/1981...12/1986 1948 09/1988...07/1992 2031 03/1992...09/1996 2038 12/1992...09/1996 2050 01/1991...09/1996 2055 01/1992...09/1996 2538 07/1987... 2629 07/1988...08/1994 2635 04/1986...08/1994 2638 09/1991...09/1996 2653 07/1992...09/1996 3050 01/1994...09/1996 3053 12/1993...09/1996 3253 01/1996...06/1996 3538 03/1991...09/1996 3544 08/1973...09/1996 3548 05/1992...09/1996 3553 04/1992...09/1996	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1	001 NS 10545 000
	69,940	76,030									
	69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4	001 NS 10545 300
	69,940	75,030	28,000								
	69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300
	69,940	76,030									
	69,910	75,000	27,500	2,50			M157	Semi	NB 10245	4	
	69,940	75,030	28,000								
OM 442.943, .971 - 972 V 8 Diesel, 14620 cm³, 269 - 362 kW (366 - 492 PS), 16,3:1 - 16,9:1, 16 Ventile 1935 05/1989...08/1994 2435 07/1987...09/1996 2635 02/1990...08/1994	89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000	6	001 PS 10737 000 050
	90,000	95,022	31,000	2,473		0,116		0,500	050		

Ø 128 **99**

OM 447.901 - 902, .913 - 914 R 6 Diesel, 11970 cm³, 147 - 177 kW (200 - 241 PS), 16,6:1 - 17,3:1	89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000	6	001 PS 10737 000 050
	90,000	95,022	31,000	2,473		0,116		0,500	050		
OM 447.913 - 914, Euro 1 R 6 Diesel, 11967 cm³, 150 - 157 kW (203 - 214 PS), 18,1:1, 12 Ventile											



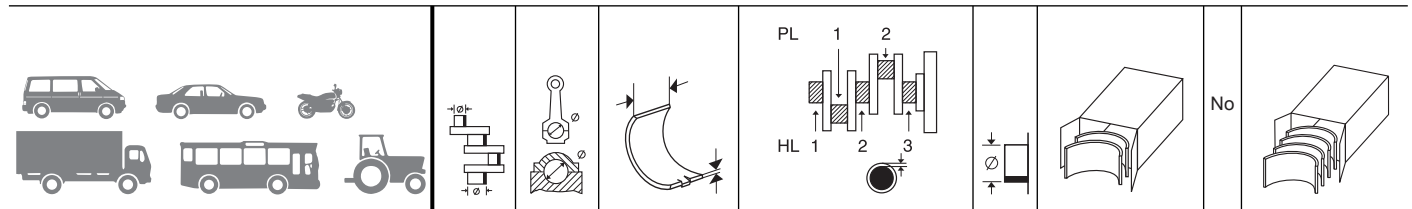
Ø 130										100	
OM 440.907, .909, Euro 1 V 8 Diesel, 15080 cm³, 195 kW (265 PS), 16,9:1, Hub 142mm 1726 12/1988...08/1994	103,980	111,000	37,740	3,46	5.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10003 000 025 050 075 100
	104,000	111,022	37,810	3,472				0,250 0,500	025 050		
	103,980	111,000	30,250	3,46	1.2.3.4.	0,056	M114	0,000	001 HL 10267 000	4	
	104,000	111,022	30,500	3,472		0,122		0,250 0,500 0,750 1,000	025 050 075 100		
	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1	
	69,940	76,030									
69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4		
69,940	75,030	28,000									
69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300	
69,940	76,030										
69,910	75,000	27,500	2,50			M157	Semi	NB 10245	4		
69,940	75,030	28,000									

Ø 130										101	
OM 441.901, Euro 2 V 6 Diesel, 10960 cm³, 250 kW (340 PS), 17,3:1, Turbo, LLK, 12 Ventile	103,980	111,000	30,250	3,835	1.2.3.	0,056	M114	0,750	001 HL 10267 075	3	001 HS 10743 075
	104,000	111,022	30,500	4,222		0,122					

Ø 130										102		
OM 441.905 - 907, .909, .911, .915, .917, .923, .925 - 927 V 6 Diesel, 10964 cm³, 150 - 165 kW (204 - 224 PS), 17,2:1, 12 Ventile 1222 07/1989...08/1994 1420 09/1989...09/1996 1422 12/1987...09/1996 2422 08/1973...09/1996 1922 05/1989...08/1994	103,980	111,000	30,250	3,835	1.2.3.	0,056	M114	0,750	001 HL 10267 075	3	001 HS 10743 075	
	104,000	111,022	30,500	4,222		0,122						
	89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000	6		
	90,000	95,022	31,000	2,473		0,116		0,500	050		001 PS 10737 000 050	
OM 441.908, .912, .914, .916, .918 - 920, .924, .932 V 6 Diesel, 11309 cm³, 150 - 165 kW (204 - 224 PS), 16,9:1, 12 Ventile 1222 09/1989...07/1994 1720 12/1988...08/1994 1722 12/1987...09/1996 2422 08/1973...09/1996 1922 05/1989...08/1994												
OM 441.913 V 6 Diesel, 109649 cm³, 165 kW (224 PS), 17,2:1, 12 Ventile 1222 07/1989...08/1994 1422 07/1989...09/1993 1722 12/1987...09/1996												
OM 441.921 - 922, .933, Euro 1 V 6 Diesel, 11303 cm³, 151 kW (205 PS), 16,9:1, 12 Ventile 1722 12/1988...08/1994												

Ø 130										103.1		
OM 442.900, .905 - 911, .914, .935, .939, Euro 1 V 8 Diesel, 15080 cm³, 191 - 218 kW (260 - 296 PS), Hub 142mm 1226 02/1990...09/1993 1431 12/1987...08/1996 1627 01/1992...09/1996 1722 12/1988...08/1994 1729 12/1987...09/1996 2527 03/1991...08/1994 1225 05/1982...12/1991 1429 08/1973...09/1996 1728, 1729 07/1987...09/1996 2629 07/1988...08/1994	103,980	111,000	37,740	3,46	5.	0,044	M114	0,000	001 FL 10328 000	1	001 HS 10003 000 025 050 075 100	
	104,000	111,022	37,810	3,472				0,250 0,500	025 050			
	103,980	111,000	30,250	3,46	1.2.3.4.	0,056	M114	0,000	001 HL 10267 000	4		
	104,000	111,022	30,500	3,472		0,122		0,250 0,500 0,750 1,000	025 050 075 100			
	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1		
	69,940	76,030										
	69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4		
	69,940	75,030	28,000									

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Ø 130 - Fortsetzung / Continued

103.2

OM 442.900, .905 - 911, .914, .935, .939, Euro 1 V 8 Diesel, 15080 cm ³ , 191 - 218 kW (260 - 296 PS), Hub 142mm 1226 02/1990...09/1993 1431 12/1987...08/1996 1627 01/1992...09/1996 1722 12/1988...08/1994 1729 12/1987...09/1996 2527 03/1991...08/1994 1225 05/1982...12/1991 1429 08/1973...09/1996 1728, 1729 07/1987...09/1996 2629 07/1988...08/1994	69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300	
	69,940	76,030										
		69,910	75,000	27,500	2,50			M157	Semi	NB 10245	4	
		69,940	75,030	28,000								
		89,980	95,000	30,800	2,463		0,054	M114	0,000	001 PL 10264 000 025 025 050 075 100	8	001 PS 10002 000 025 050 075 100
		90,000	95,022	31,000	2,473		0,116		0,250			
									0,500			
									0,750			
									1,000			

Ø 130

104

OM 442.915 - 930, .932 - 934 V 8 Diesel, 15080 cm ³ , 195 - 218 kW (265 - 296 PS), 16,9:1, Hub 142mm 1226 02/1990...09/1993 1429 01/1992...09/1996 1729 12/1987...09/1996 2427 02/1990...08/1994 1728, 1729 07/1987...09/1996 2629 07/1988...08/1994 3229 09/1989...08/1994	69,910	76,000	35,000	3,00			M221	0,000	NB 10223	1	001 NS 10545 000	
	69,940	76,030										
		69,910	75,000	27,500	2,50			M157	0,000	NB 10245	4	
		69,940	75,030	28,000								
		69,910	76,000	35,000	3,00			M221	Semi	NB 10223	1	001 NS 10545 300
		69,940	76,030									

Ø 130

105

OM 443.900, .905 V 10 Diesel, 18848 cm ³ , 271 kW (369 PS), 16,9:1, Hub 142mm, Turbo, LLK, 20 Ventile	103,980	111,000	37,740	3,46	6.	0,044	M114	0,000	001 FL 10328 000 025 050	1	001 HS 10007 000 025 050	
	104,000	111,022	37,810	3,472		0,110		0,250				
		103,980	111,000	30,250	3,46	1.2.3.4.5.	0,056	M114	0,000	001 HL 10267 000 025 050	5	
		104,000	111,022	30,500	3,472		0,122		0,250			

Ø 130

106

OM 444 V 12 Diesel, 22618 cm ³	103,980	111,000	37,740	3,46		0,044	M114	0,000	001 FL 10328 000 050	1	001 HS 10746 000 050
	104,000	111,022	37,810	3,472		0,110		0,500			
		103,980	111,000	30,250	3,46		0,056	M114	0,000	001 HL 10267 000 050	6
	104,000	111,022	30,500	3,472		0,122		0,500			

Ø 130

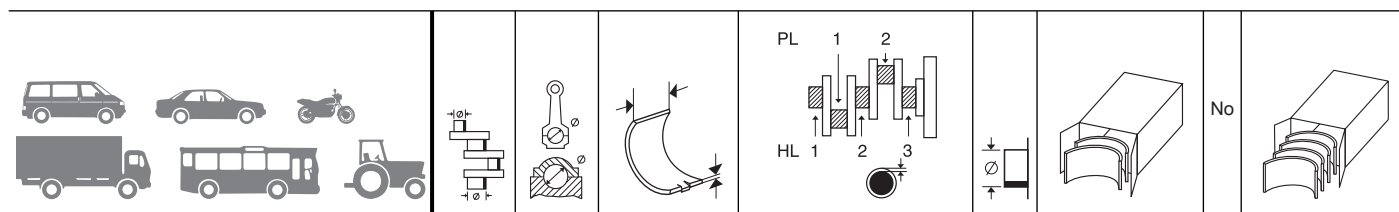
107

OM 501.920, .922 - 925, Euro 2 V 6 Diesel, 11940 cm ³ , 230 - 315 kW (313 - 428 PS), 17,3:1, Turbo, LLK, 4 Ventile OM 941.923 - 925, Euro 2/3 V 6 Diesel, 11946 cm ³ , 260 kW (354 PS), Turbo, LLK, 24 Ventile	107,980	115,000	33,500	3,472		0,056	M900	0,000	HL 19620	4	001 HS 19621 000
	108,000	115,022				0,123					

Ø 130

108

OM 502.920 - 921, Euro 2 V 8 Diesel, 15920 cm ³ , 350 - 390 kW (476 - 530 PS), 17,3:1, Turbo, LLK, 4 Ventile	107,980	115,000	33,500	3,472		0,056	M330	0,000	001 HL 19630 000 025 050	5	001 HS 19631 000 025 050
	108,000	115,022				0,123		0,250			
		93,980	99,000	36,000	2,463		0,054	M330	0,000	001 PL 19628 000 025	8
	94,000	99,022	2,473			0,116		0,250			



Ø 130 **109**

OM 521.940, .950, OM 541.920, .922 - 928, .940 - 952, .970, .972, .974, .976, .978, .980, OM 941.910, .920 - 921, .929 - 930, .940, .960, .970, .980 - 981, .990, Euro 2 V 6 Diesel, 11946 cm³, 230 - 355 kW (254 - 483 PS), 17,3:1 - 17,8:1, Turbo, LLK, 24 Ventile 1835 04/1996...04/2003 1843 04/1996...10/2002 2040 04/1996...11/2002 2540 09/1996...10/2002 2643 04/1996...10/2009 2831 04/1997...10/2002 1844 04/2003... 1846 04/1997...10/2003 2046 10/1996...04/2003 2432 06/2008... 2546 10/1997...04/2003 2646 10/1997...10/2009 3331 04/1997...04/2003 4146 10/1997...06/2008 OM 541.921, Euro 2 V 6 Diesel, 11940 cm³, 315 kW (428 PS), 17,3:1, Turbo, LLK, 24 Ventile 1843 04/1997...10/2002 2043 04/1996...10/2002 4143 04/1997...04/2003 1844 04/2003...	117,300	139,000		5,38			M157	0,000	AL 19622	4	001 AS 19623 000	
	107,980	115,000	33,500	3,472		0,056	M900	0,000	HL 19620	4	001 HS 19621 000	
	108,000	115,022				0,123					⁴⁰⁵⁾ 613122	
	90,900	98,124	48,000	3,50			M222	Semi	NB 20917	1	001 NS 20919 300	
	91,100	98,146										
	91,000	97,000	23,000	3,00			M222	Semi	NB 20918	3		
	91,100	97,100										

Ø 130 **110**

OM 522.940, Euro 2 V 6 Diesel, 15928 cm³, 420 kW (571 PS), 17,3:1, Turbo, LLK, 32 Ventile	117,300	139,000		5,38			M157	0,000	AL 19622	4	001 AS 19623 000
	107,980	115,000	33,500	3,472		0,056	M330	0,000	001 HL 19630 000	5	001 HS 19631 000
	108,000	115,022				0,123		0,250	025		025
								0,500	050		050
	90,900	98,124	48,000	3,50			M222	Semi	NB 20917	1	001 NS 20919 300
	91,100	98,146									
91,000	97,000	23,000	3,00			M222	Semi	NB 20918	3		
91,100	97,100										
93,980	99,000	36,000	2,463		0,054	M330	0,000	001 PL 19628 000	8		
94,000	99,022		2,473		0,116		0,250	025			

Ø 130 **111**

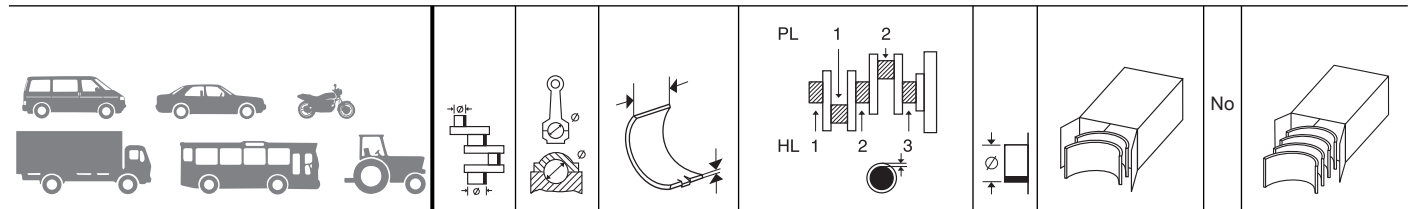
OM 522.941 - 943, OM 542.920 - 926, .940 - 945, .947 - 948, .956, OM 942.900, .910 - 912, .925, .930, .960, .967, .970, .980, .990, Euro 2 V 8 Diesel, 15928 cm³, 320 - 448 kW (435 - 609 PS), 17,3:1 - 17,8:1, Turbo, LLK, 4 Ventile 1848 04/1996...04/2003 2557 09/1996...10/2002 3350 10/1997... 3353 04/1997...10/2002 4148 04/1997...04/2003 1851 04/2003... 1858 10/2002... 2048 04/1996...10/2002 2050 10/1996... OM 542.957 V 8 Diesel, 15920 cm³, 448 kW (609 PS), 17,3:1, Turbo, LLK, 32 Ventile 4160 10/2002...	117,300	139,000		5,38			M157	0,000	AL 19622	4	001 AS 19623 000	
	107,980	115,000	33,500	3,472		0,056	M330	0,000	001 HL 19630 000	5	001 HS 19631 000	
	108,000	115,022				0,123		0,250	025		025	
								0,500	050		050	
	93,980	99,000	36,000	2,463		0,054	M330	0,000	001 PL 19628 000	8		
	94,000	99,022		2,473		0,116		0,250	025			

Ø 130 **112**

OM 522.950 V 8 Diesel, 15928 cm³, 530 kW (721 PS), 17,3:1, Turbo, LLK, 32 Ventile	117,300	139,000		5,38			M157	0,000	AL 19622	4	001 AS 19623 000
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Ø 130 **113**

OM 541.953, .959, .979, .993, .995, Euro 4/5 V 6 Diesel, 11946 cm³, 300 - 350 kW (408 - 476 PS), 17,8:1 - 18,5:1, Hub 150mm, Turbo, LLK, 24 Ventile 2046 04/2003...	107,980	115,000	33,500	3,472		0,056	M900	0,000	HL 19620	4	001 HS 19621 000
	108,000	115,022				0,123					⁴⁰⁵⁾ 613122



Ø 130 **114**

OM 541.960 , Euro 2 V 6 Diesel, 11946 cm ³ , 240 kW (326 PS), 17,3:1, Turbo, LLK, 24 Ventile	90,900	98,124	48,000	3,50			M222	Semi	NB 20917	1	001 NS 20919 300
	91,100	98,146									
	91,000	97,000	23,000	3,00			M222	Semi	NB 20918	3	

Ø 130 **115**

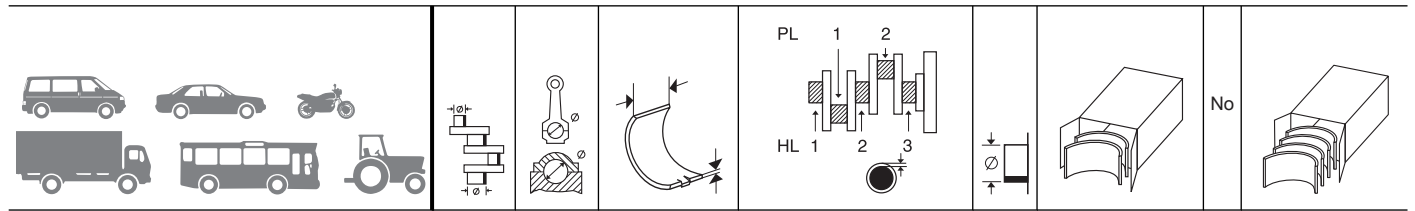
OM 541.992 , .994 V 6 Diesel, 11946 cm ³ , 320 - 335 kW (435 - 456 PS), 17,8:1, 24 Ventile 2446 06/2008... 2643 10/2009... 2646 04/2003... 3244 04/2003...	117,300	139,000		5,38			M157	0,000	AL 19622	4	001 AS 19623 000
	107,980	115,000	33,500	3,472		0,056	M900	0,000	HL 19620	4	001 HS 19621 000 <small>405) 613122</small>
	108,000	115,022				0,123					

Ø 130 **116**

OM 542.960 , .962, .964, Euro 5 V 8 Diesel, 15928 cm ³ , 375 - 440 kW (510 - 598 PS), 17,3:1 - 18,5:1, Turbo, LLK, 32 Ventile 1850, 1851 04/2003... 1860 05/2005... 2460 06/2008... 3255 02/2009...	117,300	139,000		5,38			M157	0,000	AL 19622	4	001 AS 19623 000
	93,980	99,000	34,100	2,463		0,050	M330	0,000	001 PL 21081 000	8	
	94,000	99,022	34,400	2,473		0,116					

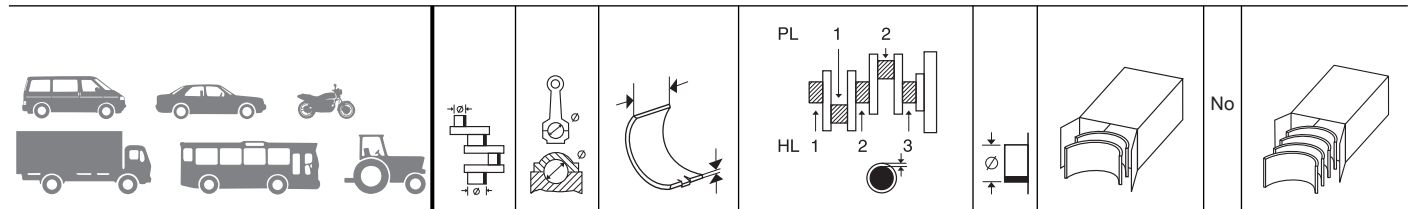
Ø 130 **117**

OM 942.992 8 Diesel, 15928 cm ³ , 330 - 420 kW (448 - 571 PS) 3348 04/1997...04/2003	107,980	115,000	33,500	3,472		0,056	M900	0,000	HL 19620	4	001 HS 19621 000 <small>405) OM 541.948, OM 541.949</small>
	108,000	115,022				0,123					
	93,980	99,000	34,100	2,463		0,050	M330	0,000	001 PL 21081 000	8	
	94,000	99,022	34,400	2,473		0,116					



MG

Ø 64,56											1
99, 99 H/907 P, 99 H962P, 99 HA, 99 HE, 99 HE20, 99 HE21 R 4 Benzin, , 38 - 40 kW (52 - 55 PS)	49,910	71,760		2,311			M250	0,000	AL 20553	4	025 AS 20554 000
	50,160	72,010		2,362							
A Series R 4 Benzin, 1098 cm³, 8,3:1	41,285	44,971	22,100	1,815		0,025	M900	0,000	PL 20463	4	025 PS 20464 200
	41,298	44,983	22,350	1,824		0,068		0,254			210
								0,508			220
Ø 64,57											2
99 HE22 R 4 Benzin, , 38 - 40 kW (52 - 55 PS)	49,910	71,760		2,311			M250	0,000	AL 20553	4	025 AS 20554 000
	50,160	72,010		2,362							
	41,285	44,971	22,100	1,815		0,025	M900	0,000	PL 20463	4	025 PS 20464 200
	41,298	44,983	22,350	1,824		0,068		0,254			210
								0,508			220



MIELEC

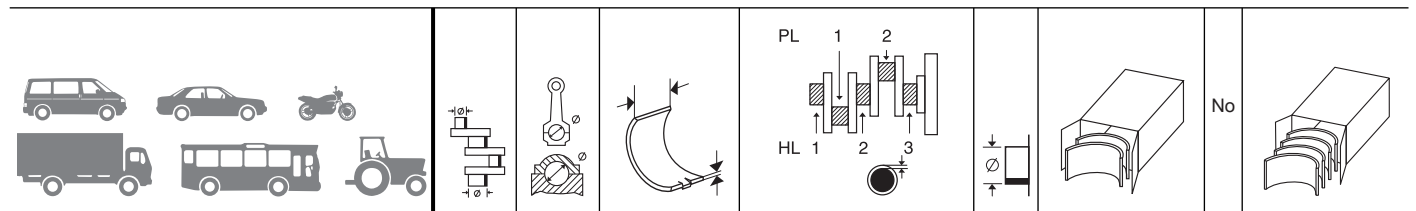
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1

SW680

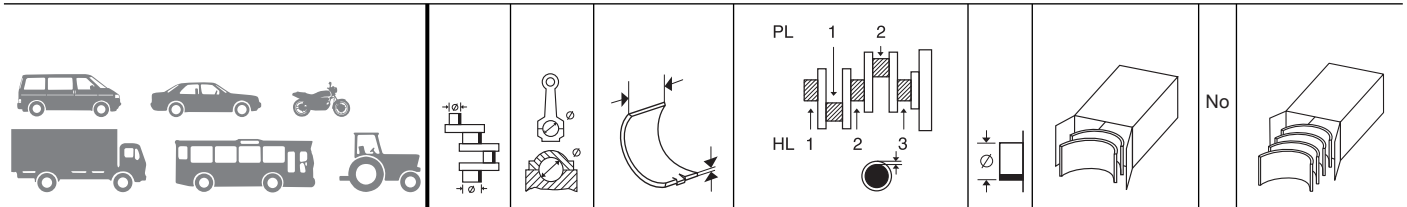
R 6 Diesel, , 202 kW (275 PS)

111,000 111,400	136,250 136,500		2,312 2,362			M30	0,000 0,254 0,508 1,016 1,524	AL 20145	4	456 AS 20146 200 210 220 240 260
44,739 44,747	47,625 47,650	20,950 21,450	1,65 1,80			M100	Semi	BB 20160	12	456 BS 20161 300
107,945 107,963	113,030 113,055	41,950 42,200	2,489 2,499		0,069 0,132	M800	0,000 0,254 0,508 0,762 1,016 1,270 1,524 1,778	HL 20141	1	456 HS 20144 200 210 220 230 240 250 260 270
107,945 107,963	113,030 113,055	33,750 34,000	2,489 2,499		0,069 0,132	M800	0,000 0,254 0,508 0,762 1,016 1,270 1,524 1,778	HL 20142	4	
107,945 107,963	113,030 113,055	59,250 59,500	2,489 2,499		0,069 0,132	M800	0,000 0,254 0,508 0,762 1,016 1,270 1,524 1,778	HL 20143	2	
76,194 76,212	79,827 79,845	47,250 47,500	1,778 1,788		0,039 0,095	M800	0,000 0,254 0,508 0,762 1,016 1,270 1,524 1,778	PL 20139	6	456 PS 20140 200 210 220 230 240 250 260 270



MINI (-2000)

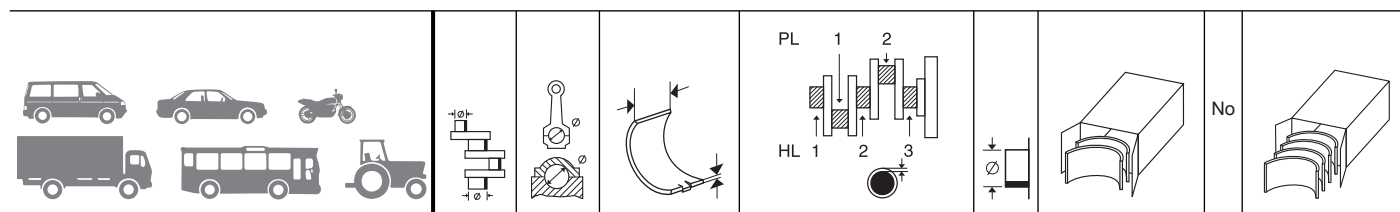
Ø 64,6										1	
99 H R 4 Benzin, 999 cm ³ , 29 - 33 kW (39 - 45 PS), 8 Ventile	49,910	71,760		2,311			M250	0,000	AL 20553	4	025 AS 20554 000
	50,160	72,010		2,362							
	41,285	44,971	22,100	1,815		0,025	M900	0,000	PL 20463	4	025 PS 20464 200
	41,298	44,983	22,350	1,824		0,068		0,254			210
								0,508			220



MINI (2001-)

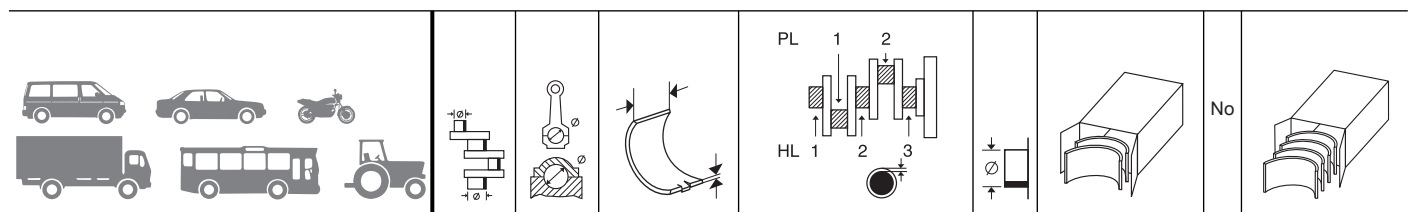
Ø 75 1

9HZ (DV6TED4) R 4 Diesel, 1560 cm³, 80 kW (109 PS), 17,5:1 COOPER 1.6 D 03/2007... ONE 1.6 D 06/2009...07/2010	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000
	49,981	53,674	19,918	1,837				0,300			030
	46,975	50,655	16,750	1,81		0,035	M331	0,000	PL 21022	4	039 PS 21023 000
	46,991	50,674	17,000	1,82		0,086		0,300			030
	PL 21022										



MITSUBISHI

Ø 60,6											1
G37B R 4 Benzin, 1755 cm³, 61 - 62 kW (83 - 84 PS), 9,1:1 LANCER III 1.8 01/1987...08/1989	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
Ø 73											2
4G30 R 4 Benzin, 1289 cm³	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
4G33, G33B R 4 Benzin, 1439 cm³, 50 - 68 kW (68 - 92 PS), 9:1 COLT I 1.4 01/1978...09/1979											
4G36 R 4 Benzin, 1238 cm³, 40 kW (54 PS), 9:1 COLT I 1.2 01/1978...09/1979											
Ø 74,5											3
4G31, G31B R 4 Benzin, 1499 cm³, 52 kW (71 PS)	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
Ø 76,9											4
4G32, 4G32 T/C, G32B, G32BT R 4 Benzin, 1597 cm³, 48 - 92 kW (65 - 125 PS) CELESTE 1.6 01/1977...06/1981 COLT II 1.6 T 02/1984...04/1988 CORDIA 1.6 10/1982...07/1984 GALANT I 1.6 01/1977...08/1980 GALANT II 1.6 09/1980...05/1984 GALANT III 1.6 06/1984...12/1987 L 300 1.6 05/1980...08/1998 SAPPORO I 1.6 04/1978...07/1980 SAPPORO II 1.6 08/1980...09/1984 SIGMA STATION WAGON 1.603/1982...09/1985 TREDIA 1.6 09/1982...07/1984	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
4G32 T (ECI) 4 Benzin, 1997 cm³, 125 kW (170 PS), 8 Ventile LANCER I 2.0 T 03/1981...02/1983											
Ø 79											5
4G35 R 4 Benzin, 1686 cm³	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
Ø 80,6											6
4D65, 4D65 T, 4G62 R 4 Diesel, 1795 cm³, 43 - 60 kW (58 - 82 PS), 21,5:1, 8 Ventile COLT II 1.8 D 02/1984...04/1988 COLT III 1.8 D 04/1988...05/1992 GALANT III 1.8 TD 06/1984...12/1987 GALANT IV 1.8 TURBO-D 12/1987...10/1992 L 300 1.8 03/1983...02/1987 L 300 PRITSCHKE/ FAHRGESTELL 1.8 03/1983...10/1986 LANCER III 1.8 D 01/1984...06/1992 SPACE WAGON 1.8 TD 06/1986...10/1998	44,991 45,000	48,000 48,020	23,500	1,494		0,012 0,067	M780	0,000	PL 19868	4	676 PS 19866 000
4G37, 4G37B R 4 Benzin, 1738 cm³, 66 - 71 kW (90 - 97 PS) CORDIA 1.8 11/1984...07/1989 GALANT IV 1.8 11/1987...10/1992 LANCER III 1.8 01/1987...06/1992 LANCER IV 1.8 09/1989...06/1992 SPACE WAGON 1.8 4WD 01/1984...12/1988 (D05V, D05W) TREDIA 1.8 08/1984...07/1986											
Ø 81											7
BKD R 4 Diesel, 1968 cm³, 103 kW (140 PS), 18:1, 16 Ventile LANCER VIII 2.0 DI-D 01/2008...06/2008	59,000 59,750 53,958 53,978	72,950 73,200 59,000 59,012		1,925 1,975 2,495 2,501			M157 M218	0,000 0,000	AL 20557 HL 19910	4 5	029 AS 20558 000 029 HS 19911 000



Ø 81 8

BMM R 4 Diesel, 1968 cm³, 103 kW (140 PS), 18,5:1, 8 Ventile	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025

Ø 81 9

BWC R 4 Diesel, 1968 cm³, 103 kW (140 PS), 16 Ventile GRANDIS 2.0 DI-D 02/2007...12/2011 LANCER VIII 2.0 DI-D 01/2008...06/2008	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					

Ø 82,3 10

4G61 R 4 Benzin, 1596 cm³, 91 - 100 kW (124 - 136 PS), 9,2:1 COLT III 1.6 GTI 04/1988...05/1990	44,991	48,000	23,500	1,494					PL 19868	4	676 PS 19866 000
	45,000	48,020				0,012	M780	0,000			
						0,067					

Ø 84 11

4G52 R 4 Benzin, 1995 cm³, 63 - 79 kW (85 - 107 PS), 8,5:1 CELESTE 2.0 10/1975...06/1981 GALANT I 2.0 01/1977...08/1980 L 200 2.0 01/1981...10/1986 SAPORO I 2.0 04/1978...07/1980	65,979	70,000	30,950	1,99					FL 19902	1	676 HS 19862 000
	66,000	70,021				0,012	M780	0,000			025
		65,979	70,000	25,130	1,99				HL 19865	4	
		66,000	70,021				0,012	M780	0,000		
	52,973	56,007	25,130	1,743		0,021	M157	0,500	PL 19864	4	676 PS 19861 050
	53,000	56,021				0,076					

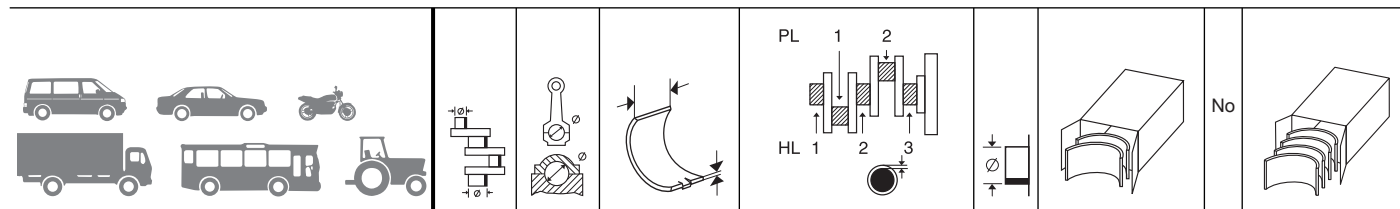
Ø 85 12

4G63, 4G63 (SOHC 16V), 4G63T, 4G63 T (ECI), 4G63 Turbo, G63B R 4 Benzin, 1997 cm³, 62 - 217 kW (84 - 295 PS), 7,6:1 - 8,8:1, 8 Ventile CARISMA 2.0 EVO 11/1999...06/2006 GALANT II 2.0 09/1980...05/1984 GALANT II 2.0 T 05/1982...05/1984 GALANT III 2.0 06/1984...12/1987 GALANT III 2.0 T 06/1984...09/1985 GALANT IV 2.0 11/1987...10/1992 GALANT V 2.0 11/1992...08/1996 GALANT VI 2.0 09/1996...10/2004 L 200 2.0 02/1987...12/2007 L200 2.0 (K12T, K32T) 11/1986...08/1996 L 300 2.0 11/1986...05/2003 L 400 2.0 06/1996...03/2001 LANCER 2.0 4X4 08/2005... LANCER V 2.0 EVO II 01/1994...07/1995 LANCER V 2.0 EVO III 08/1995...07/1996 LANCER VI 2.0 01/1999...08/2003 LANCER VII 2.0 EVO IX 01/2006...11/2007 LANCER VII 2.0 EVO VIII 03/2004...11/2007 OUTLANDER I 2.0 05/2003...10/2006 SAPORO II 2.0 08/1980...09/1984 SAPORO II 2.0 T 08/1982...08/1983 SPACE WAGON 2.0 03/1985...10/1997 SPACE RUNNER 2.0 05/2000...08/2002 SPACE WAGON 2.0 GLX (D04W) 06/1986...05/1988 SPACE WAGON 2.0 GLXI (D04W) 06/1988...04/1991 STARION 2.0 T 05/1982...04/1985 TREDIA 2.0 GLXI 10/1986...03/1988	44,991	48,000	23,500	1,494					PL 19868	4	676 PS 19866 000
		45,000	48,020				0,012	M780	0,000		
						0,067					

Ø 91,1 13.1

4D55, 4D55T R 4 Diesel, 2347 cm³, 48 - 70 kW (65 - 95 PS), 21:1, 8 Ventile GALANT II 2.3 TURBO-D 09/1980...05/1984 L 200 2.3 D 01/1983...10/1986 L 300 2.3 D 04/1983...10/1986 PAJERO I 2.3 TD 12/1982...04/1986	65,979	70,000	30,950	1,99					FL 19902	1	676 HS 19862 000
	66,000	70,021				0,012	M780	0,000			025
		65,979	70,000	25,130	1,99				HL 19865	4	
		66,000	70,021				0,012	M780	0,000		
	52,973	56,007	25,130	1,743		0,021	M157	0,500	PL 19864	4	676 PS 19861 050
	53,000	56,021				0,076					

Fortsetzung nächste Seite / Continued on next page



Ø 91,1 - Fortsetzung / Continued

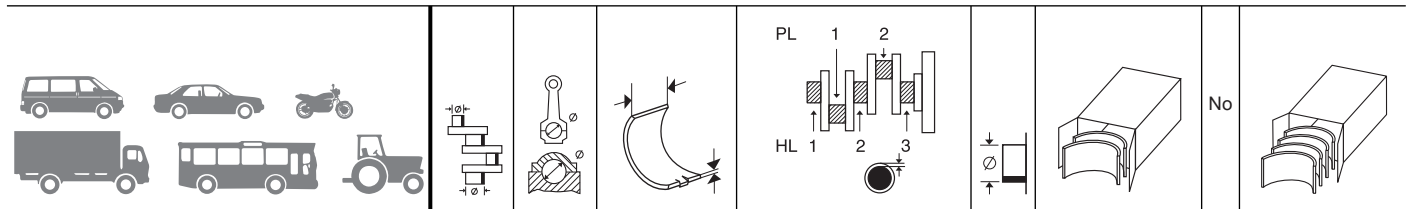
13.2

4D56, D4BH R 4 Diesel, 2476 cm³, 54 - 78 kW (72 - 106 PS), 21:1	65,979	70,000	30,950	1,99		0,012	M780	0,000	FL 19902	1	676 HS 19862 000 025
	66,000	70,021				0,078		0,250			
CANTER 2.5 D GALLOPER 2.5 TD	09/1992...09/1996 02/1999...12/2003	65,979 66,000	70,000 70,021	25,130	1,99	0,012 0,078	M780	0,000 0,250	HL 19865	4	
L 200 2.5 D L 300 2.5 D	11/1986...12/2007 11/1986...02/2006	52,973 53,000	56,007 56,021	25,130	1,743	0,021 0,076	M157	0,500	PL 19864	4	676 PS 19861 050

Ø 91,1

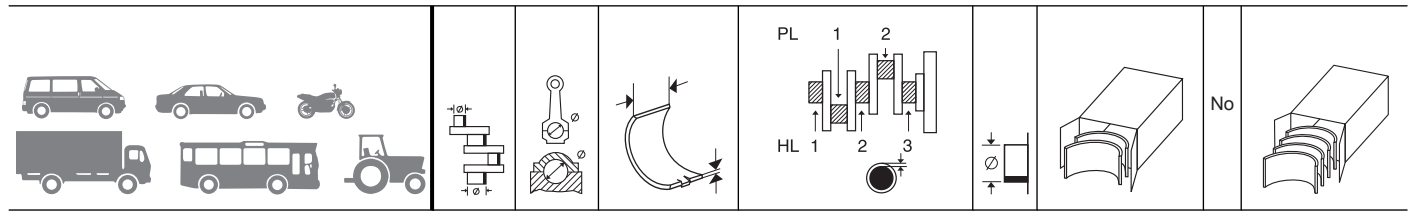
14

4D56 T R 4 Diesel, 2477 cm³, 62 - 110 kW (84 - 150 PS), 21:1, Turbo, LLK, 8 Ventile		52,973 53,000	56,007 56,021	25,130	1,743	0,021 0,076	M157	0,500	PL 19864	4	676 PS 19861 050
L 200 2.5 DI-D 4WD	04/2007...										
L 200 2.5 TD	11/1992...12/2007										
L 300 2.5 D	11/1994...04/2000										
L 300 2.5 TD	11/1988...05/2003										
L300 2.5 TD (P05W, P05V)	02/1987...05/2003										
L 400 2500 TD	05/1995...06/2005										
PAJERO 2.5 TD (K94W)	07/2002...										
PAJERO 2.5 TD (L044G, L049G)	11/1989...11/1990										
PAJERO 2.5 TDIC 2WD (V24W, V24C)	03/1991...08/1999										
PAJERO I 2.5 TD	05/1986...12/1991										
PAJERO II 2.5 TD	11/1998...12/2008										
PAJERO III 2.5 TD	08/2003...12/2008										
PAJERO III 2.5 TDI	04/2000...12/2006										
PAJERO SPORT II 2.5 TD	09/2008...										
G54B, G54B T/C R 4 Benzin, 2555 cm³, 76 - 114 kW (103 - 155 PS), 8,2:1 - 9:1											
L 200 2.6 I	11/1989...05/1995										
STARION 2.6 T	09/1987...06/1990										



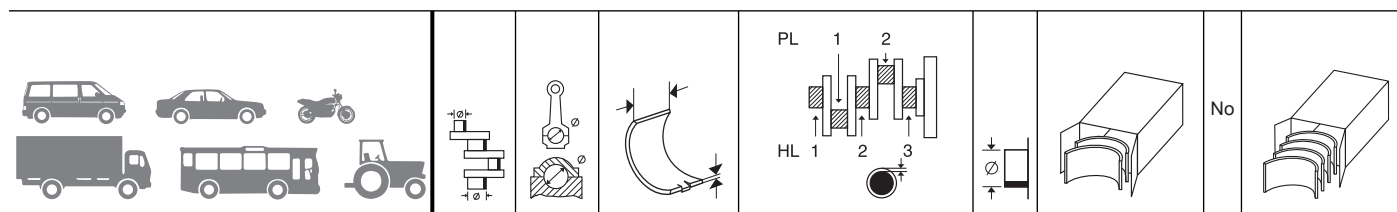
MORGAN

Ø 80											1
LUA R 4 Benzin, 1597 cm ³ , 71 kW (96 PS), 9,5:1, 8 Ventile FOUR FOUR 1.6 08/1982...12/1985	57,990 58,000	62,287 62,300	22,210 22,590	2,13 2,138		0,011 0,050	M157	0,000 0,250 0,500	HL 20582	5	014 HS 20583 000 025 050
Ø 80,6											2
RQB R 4 Benzin, 1796 cm ³ , 96 kW (131 PS), 10:1, 16 Ventile PLUS FOUR 1.8 I 01/1993...	57,980 58,000	62,287 62,300	24,600 24,680	2,248 2,256	3.	0,025 0,074	M810	0,250	FL 20668	1	014 HS 20669 025
	57,980 58,000	62,287 62,300	18,960 19,210	2,248 2,256	1.2.4.5.	0,025 0,074	M810	0,250	HL 20667	4	
	46,890 46,910	49,890 49,910	19,850 20,100	1,592 1,725		0,030 0,086	M810	0,250	PL 20661	4	014 PS 20662 025
Ø 84											3
132 C 3.000 R 4 Benzin, 1995 cm ³ , 90 kW (122 PS), 9:1, 8 Ventile PLUS FOUR 2.0 I 01/1985...08/1988	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18538	1	
132 D.000. R 4 Benzin, 1585 cm ³ , 72 kW (98 PS), 9:1, 8 Ventile	52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18588	4	
Ø 87,5											4
AODA R 4 Benzin, 1999 cm ³ , 107 kW (145 PS), 10,8:1, 16 Ventile ROADSTER 2.0 PLUS4 ...01/2004	57,980 58,000	62,287 62,300	24,600 24,680	2,248 2,256	3.	0,025 0,074	M810	0,250	FL 20668	1	014 HS 20669 025
	57,980 58,000	62,287 62,300	18,960 19,210	2,248 2,256	1.2.4.5.	0,025 0,074	M810	0,250	HL 20667	4	
	46,890 46,910	49,890 49,910	19,850 20,100	1,592 1,725		0,030 0,086	M810	0,250	PL 20661	4	014 PS 20662 025



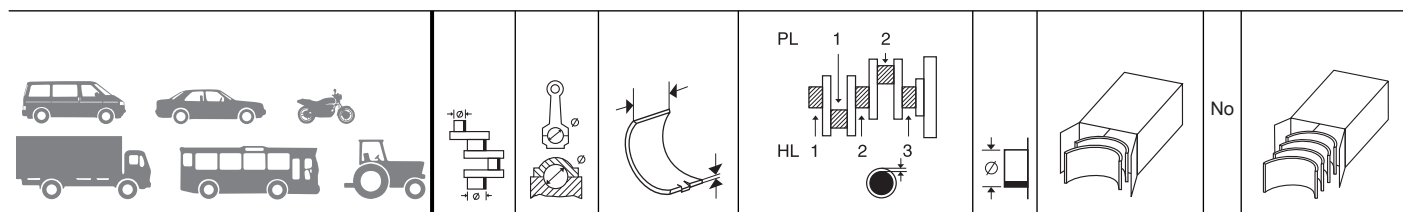
MWM

Ø 93										1	
4.0 TCE, Euro 3 4 Diesel, 2798 cm ³ , 97 - 99 kW (131 - 134 PS), 19:1, Turbo, LLK, 12 Ventile	54,981 55,000	59,000 59,019	27,750 28,000	1,975 1,985		0,030 0,088	M114	0,000 0,250	PL 19656	4	151 PS 19657 000 025



NISSAN

											1
Ø 69											1
D7F 764 R 4 Benzin, 1149 cm³, 44 kW (60 PS), 9,6:1, 8 Ventile KUBISTAR 1.2 08/2003...02/2009	43,990	47,612	23,930	1,813		0,020	M157	0,000	FL 19985	1	021 HS 20011 000 025
	44,010	47,625				0,064					
	43,990	47,612	18,550	1,813		0,020	M157	0,000	HL 19984	4	
	44,010	47,625	18,800			0,064					
Ø 76											2
K9K 276, K9K 292, K9K 700, K9K 702, K9K 708, K9K 710, K9K 714, K9K 728 R 4 Diesel, 1461 cm³, 42 - 78 kW (57 - 106 PS), 18,8:1, 8 Ventile KUBISTAR 1.5 DCI 08/2003...02/2009 MICRA III 1.5 DCI 01/2003...06/2010 NOTE 1.5 DCI 03/2006...08/2013 TIIDA 1.5 DCI 09/2007...12/2011	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	5	021 HS 20154 000 025
	48,010	51,942	19,500	1,949		0,064					
	43,960	47,610	20,500	1,805		0,009	M114	0,000	PL 20513	2	021 PS 20515 000 025 050
	43,980	47,628	20,750	1,815		0,065					
	43,960	47,610	17,500	1,798		0,009	M157	0,000	PL 20514	2	
43,980	47,628	17,750	1,806		0,065						
Ø 76											3
K9K 704, K9K 722 R 4 Diesel, 1461 cm³, 48 - 60 kW (65 - 82 PS), 18,8:1, Turbo, LLK, 8 Ventile ALMERA II 1.5 DCI 01/2003...11/2006 KUBISTAR 1.5 DCI 08/2003...02/2009 MICRA III 1.5 DCI 01/2003...06/2010	53,500	73,750		2,80			M157	0,000	AL 20156	2	021 AS 20157 000
	53,750	74,000		2,85							
	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	5	021 HS 20154 000 025
	48,010	51,942	19,500	1,949		0,064					
	43,960	47,610	20,500	1,805		0,009	M114	0,000	PL 20513	2	021 PS 20515 000 025 050
	43,980	47,628	20,750	1,815		0,065					
43,960	47,610	17,500	1,798		0,009	M157	0,000	PL 20514	2		
43,980	47,628	17,750	1,806		0,065						
Ø 76											4
K9K 772 R 4 Diesel, 1461 cm³, 63 - 76 kW (86 - 103 PS), 15,6:1, 8 Ventile	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	5	021 HS 20154 000 025
	48,010	51,942	19,500	1,949		0,064					
Ø 79,5											5
K4M 752 R 4 Benzin, 1598 cm³, 70 kW (95 PS), 10:1, 16 Ventile KUBISTAR 1.6 08/2003...02/2009	53,500	73,750		2,80			M157	0,000	AL 20156	2	021 AS 20157 000
	53,750	74,000		2,85							
	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	5	021 HS 20154 000 025
	48,010	51,942	19,500	1,949		0,064					
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050
43,980	47,625	17,806	1,806		0,065						
PL 18158											
Ø 80											6
F9Q 760 R 4 Diesel, 1870 cm³, 74 kW (101 PS), 19:1, 8 Ventile PRIMASTAR 1.9 DCI 07/2002...08/2006 PRIMASTAR DCI 100 03/2001...	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	
	54,795	58,744				0,094					
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
	48,020	51,600	20,500	1,768		0,084					
48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000 025	
48,020	51,600				0,089						
HL 19987											
PL 19980											
PL 19981											



Ø 80 7

F9Q 762, F9Q 772 R 4 Diesel, 1870 cm³, 60 kW (82 PS), 18,3:1, 8 Ventile INTERSTAR DCI 80 07/2002... PRIMASTAR DCI 80 03/2001...09/2002	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
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Ø 82,7 8

F4R 720, F4R 722 R 4 Benzin, 1998 cm³, 88 kW (120 PS), 9,8:1 PRIMASTAR 2.0 03/2001...	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
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Ø 83 9

SD20 R 4 Diesel, 1991 cm³, 44 kW (60 - 59 PS), 20:1, Hub 92mm, 8 Ventile	52,913 52,926	55,987 56,000	26,040	1,506		0,049 0,098	M780	0,000 0,250	PL 19843	4	640 PS 19841 000 025
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Ø 83 10

SD33, SD33T R 6 Diesel, 3246 cm³, 60 - 88 kW (81 - 120 PS), 8:1 - 21,6:1, Hub 100mm, 12 Ventile PATROL 3.2 D 11/1979...06/1990 PATROL 3.2 TD 07/1983...08/1988 PATROL GR II 3.2 D 05/1998...06/2001	52,913 52,926	55,987 56,000	26,040	1,506		0,049 0,098	M780	0,000	PL 19843	6	640 PS 19896 000
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Ø 85 11

L20B, LD20, LD20T, Z20 R 4 Benzin, 1952 cm³, 43 - 81 kW (58 - 110 PS), 8,5:1 - 21,3:1, 8 Ventile BLUEBIRD 2.0 D 01/1980...12/1990 BLUEBIRD 2.0 TD 01/1983...12/1985 CABSTAR 2.0 01/1982...06/1992 LAUREL 2.0 D 04/1981...10/1984 PICK UP 2.0 09/1985...08/1991 SERENA 2.0 D 11/1992...09/2001 TRADE 2.0 D 11/1986...10/1998 URVAN 2.0 12/1982...05/1997 VANETTE 2.0 D 11/1982...01/1996	59,942 59,955	63,645 63,658	31,950	2,088			M780	0,500	FL 19834	1	640 HS 19831 050	
	59,942 59,955	63,645 63,658	26,100	2,085		0,020 0,072	M780	0,500	HL 19832	1		
	59,942 59,955	63,645 63,658	24,100	2,088		0,019 0,066	M780	0,500	HL 19833	2		
	59,942 59,955	63,645 63,658	26,100	2,085		0,020 0,072	M780	0,500	HL 19835	1		
LD20B R 4 Diesel, 1962 cm³												

Ø 85 12

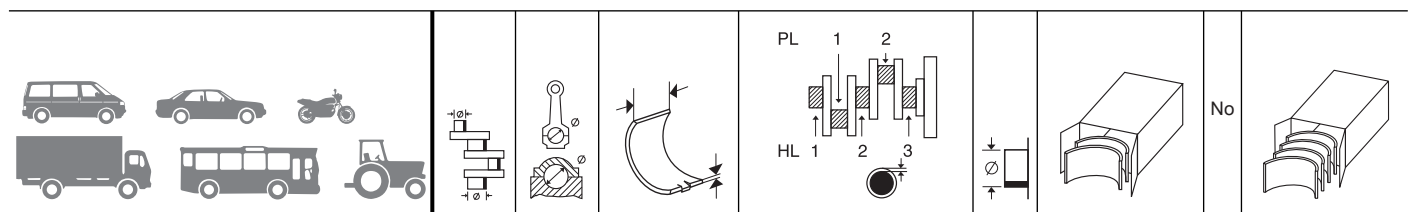
RD28, RD28T R 6 Diesel, 2826 cm³, 66 - 85 kW (90 - 116 PS), 21,2:1, 12 Ventile LAUREL 2.8 D 01/1985...12/1989 PATROL GR I 2.8 TD 05/1986...06/1997	54,951 54,975	58,645 58,658	26,870 26,950	1,942 1,955		0,010 0,073	M780	0,250	FL 19839	1	640 HS 19840 025
	54,951 54,975	58,645 58,658	18,870 19,120	1,942 1,955		0,010 0,073	M780	0,250	HL 19838	6	
	49,961 49,974	53,000 53,013	20,000	1,623		0,030 0,082	M780	0,250 0,500	PL 19837	6	640 PS 19836 025 050

Ø 86 13

SR20DE R 4 Benzin, 1998 cm³, 92 - 119 kW (125 - 162 PS), 9,5:1, 16 Ventile 100 NX 2.0 I 03/1991...10/1994 200 SX 2.0 I 07/1988...12/1999 ALMERA I 2.0 I 07/1996...03/2000 ALMERA TINO 2.0 I 08/2000...02/2006 PRIMERA 2.0 06/1990...07/2002 PRIMERA 2.0 GT 06/1990...01/1996 PRIMERA 2.0 I 01/1995...06/1996 SERENA 2.0 11/1992...09/2001 SUNNY III 2.0 I 10/1990...05/1995	61,500 61,750	83,050 83,300		1,95			M250	0,000	AL 19857	2	640 AS 19853 000
	54,956 54,980	58,944 58,968	19,100	1,98		0,040 0,078	M780	0,000 0,250	HL 19856	5	640 HS 19852 000 025
	47,956 47,974	51,000 51,013	17,100	1,628		0,020 0,077	M780	0,250	PL 19855	4	640 PS 19851 025

Ø 87 14

G9T 722 R 4 Diesel, 2188 cm³, 66 kW (90 PS), 18:1, 16 Ventile INTERSTAR DCI 90 07/2002...	63,250 63,500	78,550 78,800		2,30 2,35			M157	0,000	AL 20324	2	021 AS 20325 000
	31,013 31,020	33,607	25,410 25,910				M100	Semi	BB 20294	4	021 BS 20295 300
	57,990 58,000	61,668 61,681	20,740 20,990	1,81 1,816			M920	0,000 0,250	HL 20296	5	021 HS 20297 000 025
	52,971 52,990	56,587 56,606	20,400 20,650	1,782 1,792		0,015 0,069	M157	0,000 0,250	PL 20292	4	021 PS 20293 000 025



Ø 87 **15**

Z22 R 4 Benzin, 2188 cm³, 71 kW (97 PS), 8,5:1, Hub 92mm, 8 Ventile CABSTAR 2.2 I PICK UP 2.2 10/1986...06/1992 04/1983...03/1986	59,942	63,645	31,950	2,088			M780	0,500	FL 19834	1	640 HS 19831 050
	59,955	63,658									
	59,942	63,645	26,100	2,085		0,020	M780	0,500	HL 19832	1	
	59,955	63,658				0,072					
	59,942	63,645	24,100	2,088		0,019	M780	0,500	HL 19833	2	
	59,955	63,658				0,066					
	59,942	63,645	26,100	2,085		0,020	M780	0,500	HL 19835	1	
	59,955	63,658				0,072					

Ø 89 **16**

G9U 630, G9U 632, G9U 650 R 4 Diesel, 2464 cm³, 74 - 107 kW (101 - 146 PS), 18:1 - 18,1:1, 16 Ventile INTERSTAR DCI 100 INTERSTAR DCI 120 PRIMASTAR DCI 150 04/2006... 08/2006...09/2006 09/2006...	63,250	78,550		2,30			M157	0,000	AL 20324	2	021 AS 20325 000
	63,500	78,800		2,35							
	31,013	33,607	25,410				M100	Semi	BB 20294	4	
	57,990	61,668	20,740	1,81			M920	0,000	HL 20296	5	021 HS 20297 000 025
	58,000	61,681	20,990	1,816				0,250			
G9U 720, G9U 730 R 4 Diesel, 2463 cm³, 73 - 99 kW (99 - 135 PS), 21:1, 16 Ventile INTERSTAR DCI 100 INTERSTAR DCI 120 PRIMASTAR DCI 115 PRIMASTAR DCI 140 11/2003...04/2006 07/2002... 09/2008... 07/2003...	52,971	56,587	20,400	1,782		0,015	M157	0,000	PL 20292	4	021 PS 20293 000 025
	52,990	56,606	20,650	1,792		0,069		0,250			

Ø 89 **17**

SD23 R 4 Diesel, 2289 cm³, 50 - 51 kW (68 - 69 PS), 20,5:1, 8 Ventile CABSTAR 2.3 D PICK UP 2.3 D URVAN 2.3 D 12/1981...06/1992 04/1983...08/1988 11/1982...11/1988	52,913	55,987	26,040	1,506		0,049	M780	0,000	PL 19843	4	640 PS 19841 000 025
	52,926	56,000				0,098		0,250			
SD25 R 4 Diesel, 2488 cm³, 53 - 55 kW (72 - 75 PS), 21,4:1, Hub 100mm, 8 Ventile CABSTAR 2.5 D PICK UP 2.5 D 02/1983...12/1990 04/1983...08/1991											

Ø 89 **18**

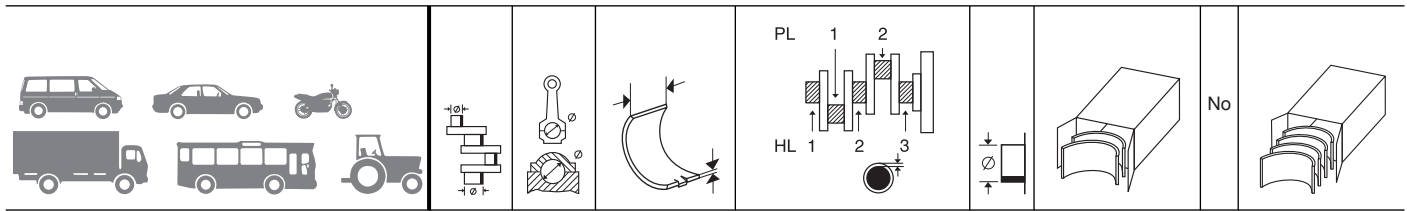
Z24 R 4 Benzin, 2388 cm³, 74 - 79 kW (101 - 107 PS), 8,6:1, Hub 96mm, 8 Ventile	59,942	63,645	31,950	2,088			M780	0,500	FL 19834	1	640 HS 19831 050
	59,955	63,658									
	59,942	63,645	26,100	2,085		0,020	M780	0,500	HL 19832	1	
	59,955	63,658				0,072					
	59,942	63,645	24,100	2,088		0,019	M780	0,500	HL 19833	2	
	59,955	63,658				0,066					
	59,942	63,645	26,100	2,085		0,020	M780	0,500	HL 19835	1	
	59,955	63,658				0,072					

Ø 96 **19**

TD27TI, Euro 2 R 4 Diesel, 2664 cm³, 92 kW (125 PS), 21,9:1, Turbo, 8 Ventile TERRANO II 2.7 TDI 05/1996...	56,913	59,987	26,100	1,513		0,035	M780	0,000	PL 19860	4	640 PS 19858 000
	56,926	60,000				0,087					

Ø 98,48 **20**

4.236 R 4 Diesel, 3864 cm³, 65 kW (89 PS), 16:1, 8 Ventile 45 05/1982...12/1985	86,800	104,000		2,26			M157	0,000	AL 18322	4	043 AS 18321 200 210 220 230 240	
	87,050	104,250		2,31				0,254				
								0,508				
								0,762				
								1,016				
	34,920	38,895	33,450				M100	Semi	BB 20158	4		043 BS 20159 300
	34,925	38,920	33,950									
	76,161	80,416	36,450	2,08		0,061	M157	0,000	HL 18407	1		043 HS 18416 200 210
	76,174	80,441	36,700	2,09		0,120		0,254				
	76,161	80,416	31,650	2,08		0,061	M157	0,000	HL 18595	4		
76,174	80,441	31,900	2,09		0,120		0,254					
63,474	67,208	31,650	1,832		0,037	M157	0,000	PL 18360	4	043 PS 18359 200 210 220		
63,487	67,221	31,900	1,842		0,082		0,254					
								0,508				



OM

Ø 95 1

804A, 804A.401 R 4 Diesel, 3117 cm³	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							
	76,187 76,200	80,587 80,607	24,610 24,990	2,163 2,172		0,043 0,094	M900	0,000 0,254 0,508 0,762	007 HL 20197 200 210 220 230	5	007 HS 20201 200 210 220 230
58,730 58,743	62,408 62,420	28,320 28,700	1,806 1,815		0,035 0,078	M900	0,000 0,254 0,508 0,762	007 PL 20185 200 210 220 230	4	007 PS 20199 200 210 220 230	

Ø 100 2

1K, CO, CO1K, D40 R 4 Diesel, 3770 cm³, 66 kW (90 PS)	82,500	101,600		2,31			M250	0,000	AL 20300	4	233 AS 20301 000
	82,750	101,850		2,36							
CO1D R 4 Diesel, 4156 cm³, 16:1	76,200	80,625	40,230	2,169	1.3.	0,051	M900	0,000	HL 20380	2	233 HS 20386 200 220
	76,218	80,645	40,490	2,178		0,107		0,508			
	76,200	80,625	30,220	2,169	2.4.	0,051	M900	0,000	HL 20381	2	
	76,218	80,645	30,480	2,178		0,107		0,508			
76,200	80,625	53,720	2,169	5.	0,051	M900	0,000	HL 20385	1		
76,218	80,645	53,970	2,178		0,107		0,508				

Ø 100 3

Fiat-8040.02.. R 4 Diesel, 3460 cm³, 60 kW (82 PS), 17:1, 8 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							
	76,187 76,200	80,587 80,607	24,610 24,990	2,163 2,172		0,043 0,094	M900	0,000 0,254 0,508 0,762	007 HL 20197 200 210 220 230	5	007 HS 20201 200 210 220 230
58,730 58,743	62,408 62,420	28,320 28,700	1,806 1,815		0,035 0,078	M900	0,000 0,254 0,508 0,762	007 PL 20185 200 210 220 230	4	007 PS 20199 200 210 220 230	

Ø 105 4

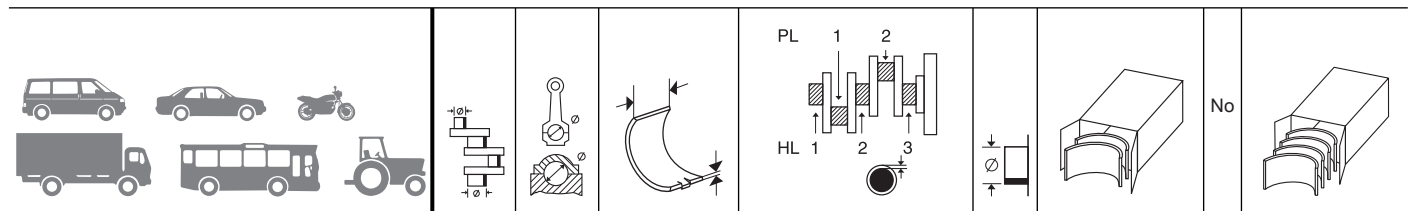
50.CO1D R 4 Diesel, 4156 cm³, 16:1	82,500	101,600		2,31			M250	0,000	AL 20300	4	233 AS 20301 000
	82,750	101,850		2,36							
50.CO1D R 4 Diesel, 4156 cm³, 16:1	76,200	80,625	40,230	2,169	1.3.	0,051	M900	0,000	HL 20380	2	233 HS 20386 200 220
	76,218	80,645	40,490	2,178		0,107		0,508			
	76,200	80,625	30,220	2,169	2.4.	0,051	M900	0,000	HL 20381	2	
	76,218	80,645	30,480	2,178		0,107		0,508			
76,200	80,625	53,720	2,169	5.	0,051	M900	0,000	HL 20385	1		
76,218	80,645	53,970	2,178		0,107		0,508				

Ø 108 5

CO 2 D, CO 2D/1 R 4 Diesel, 4397 cm³, 62 kW (84 PS), 16:1, 8 Ventile	82,500	101,600		2,31			M250	0,000	AL 20300	4	233 AS 20301 000
	82,750	101,850		2,36							
CO 2 D, CO 2D/1 R 4 Diesel, 4397 cm³, 62 kW (84 PS), 16:1, 8 Ventile	76,200	80,625	40,230	2,169	1.3.	0,051	M900	0,000	HL 20380	2	233 HS 20386 200 220
	76,218	80,645	40,490	2,178		0,107		0,508			
	76,200	80,625	30,220	2,169	2.4.	0,051	M900	0,000	HL 20381	2	
	76,218	80,645	30,480	2,178		0,107		0,508			
76,200	80,625	53,720	2,169	5.	0,051	M900	0,000	HL 20385	1		
76,218	80,645	53,970	2,178		0,107		0,508				

Ø 110 6

CO100, CO70, CO 3-2, CO 3-41 R 4 Diesel, 4939 cm³, 66 kW (90 PS)	82,500	101,600		2,31			M250	0,000	AL 20300	4	233 AS 20301 000
	82,750	101,850		2,36							
CO21, CO 3, CO 3.020 - 021, .041, CO41, CO60 R 4 Diesel, 4562 cm³, 66 kW (90 PS)	76,200	80,625	40,230	2,169	1.3.5.	0,051	M900	0,000	HL 20380	3	233 HS 20382 200 210 220 230
	76,218	80,645	40,490	2,178		0,107		0,254 0,508 0,762			
CO 3.100 R 4 Diesel, 4941 cm³, 16:1	76,200	80,625	30,220	2,169	2.4.	0,051	M900	0,000	HL 20381	2	
CO 3.70 R 4 Diesel,	76,218	80,645	30,480	2,178		0,107		0,254 0,508 0,762			
CO 3 D, CO80 R 4 Diesel, 4940 cm³, 63 kW (86 PS), 16:1, Hub 130mm, 8 Ventile											



Ø 110 **7**

CN3 R 3 Diesel, 3706 cm³, 48 kW (65 PS), 17,4:1, Hub 130mm	82,500 82,750	101,600 101,850		2,31 2,36			M250	0,000	AL 20300	4	233 AS 20301 000
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Ø 110 **8**

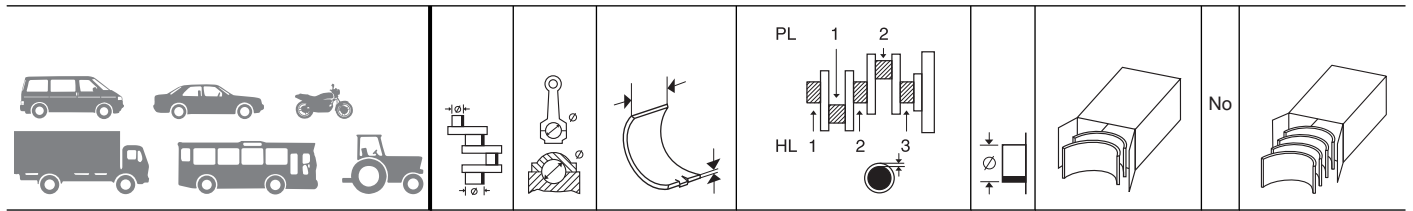
CO2/55 R 4 Diesel, 4559 cm³	82,500 82,750	101,600 101,850		2,31 2,36			M250	0,000	AL 20300	4	233 AS 20301 000
	76,200 76,218	80,625 80,645	40,230 40,490	2,169 2,178	1.3.	0,051 0,107	M900	0,000 0,508	HL 20380	2	233 HS 20386 200 220
	76,200 76,218	80,625 80,645	30,220 30,480	2,169 2,178	2.4.	0,051 0,107	M900	0,000 0,508	HL 20381	2	
	76,200 76,218	80,625 80,645	53,720 53,970	2,169 2,178	5.	0,051 0,107	M900	0,000 0,508	HL 20385	1	

Ø 115 **9**

130T R 4 Diesel, 5401 cm³	79,781 79,799	84,206 84,226	42,110 42,490	2,296 3,355	1.3.5.	0,051 0,107	M900	0,254 0,508	HL 20371	3	233 HS 20376 210 220
8340.04, 8340.04 R.001 R 4 Diesel, 4570 cm³, 66 kW (90 PS), 17:1, Hub 110mm	79,781 79,799	84,206 84,226	32,110 32,490	2,296 3,355	2.4.	0,051 0,107	M900	0,254 0,508	HL 20372	2	
CO 3-130T R 4 Diesel, 5400 cm³											

Ø 115 **10**

8360.04 R 6 Diesel, 6855 cm³, 106 kW (145 PS), 17:1	79,781 79,799	84,206 84,226	42,110 42,490	2,169 2,178	1.4.7.	0,051 0,107	M900	0,000 0,254	HL 20371	3	233 HS 20373 200 210
8360.05 R 6 Diesel, 8100 cm³, 103 - 124 kW (140 - 169 PS), 17:1, 12 Ventile	79,781 79,799	84,206 84,226	32,110 32,490	2,169 2,178	2.3.5.6.	0,051 0,107	M900	0,000 0,254	HL 20372	4	
8365.05.500, 8365.25 R 6 Diesel, 8102 cm³, 94 - 132 kW (128 - 180 PS), 15,5:1											



OPEL

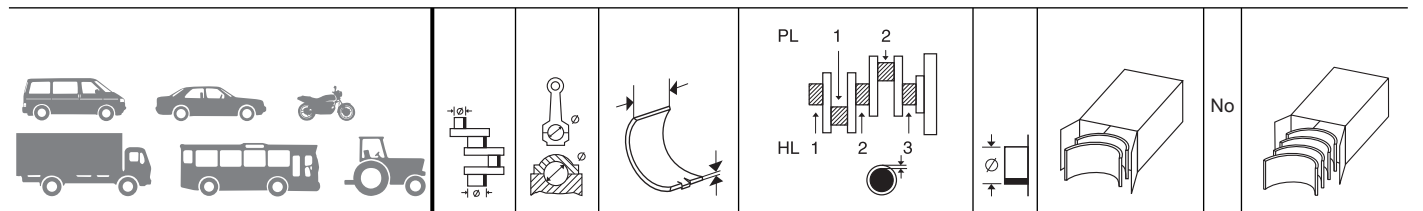
											1	
Ø 72												
12 NZ, X 12 SZ R 4 Benzin, 1195 cm³, 33 kW (45 PS), 9,1:1 - 10:1, 8 Ventile COMBO 1.2 I 07/1994...10/2001 CORSA-B 1.2 I 03/1993...09/2000	54,972	59,000	25,900	1,988		0,019	M114	0,000	FL 19222	1	011 HS 19223 000 025	
	54,985	59,013		2,001		0,074		0,250				
	54,972	59,000	19,500	1,988		0,013	M114	0,000	HL 19221	4		
	54,985	59,013		2,001		0,065		0,250				
C 12 NZ R 4 Benzin, 1200 cm³, 33 kW (45 PS), 9:1 COMBO 1.2 I 07/1994...10/2001 CORSA-A 1.2 I 09/1989...03/1993 CORSA-B 1.2 I 03/1993...09/2000	42,971	46,000	16,600	1,484		0,019	M114	0,000	PL 19219	2	011 PS 19563 000 025 050	
	42,987	46,012		1,497		0,074		0,250				
	42,971	46,000	16,630	1,497		0,019	M114	0,000	PL 19738	2		
	42,987	46,012				0,074		0,250				
PL 19219												
PL 19738												

											2
Ø 72,5											
X 10 XE, Z 10 XE R 3 Benzin, 973 cm³, 40 - 43 kW (54 - 58 PS), 10,1:1, 12 Ventile AGILA 1.0 I 09/2000... CORSA-B 1.0 I 11/1996...09/2000	42,971	46,000	13,700	1,49		0,013	M23	0,000	PL 21043	3	011 PS 21044 000 025 050
	42,987	46,016	13,900	1,50		0,065		0,250			
PL 21043											

											3
Ø 72,5											
X 12 XE, Z 12 XE R 4 Benzin, 1199 cm³, 48 - 55 kW (65 - 75 PS), 10,1:1, 16 Ventile ASTRA-F 1.2 I 03/1998...08/2000 ASTRA-G 1.2 02/1998...01/2005 CORSA-B 1.2 I 03/1998...09/2000 CORSA-C 1.2 09/2000...	42,971	46,000	13,700	1,49		0,013	M23	0,000	PL 21043	4	011 PS 21045 000 025 050
	42,987	46,016	13,900	1,50		0,065		0,250			
PL 21043											

											4
Ø 73,4											
Z 10 XEP, Euro 4 R 3 Benzin, 998 cm³, 44 kW (60 PS), 10,5:1, 12 Ventile AGILA 1.0 I 08/2003...12/2007 CORSA-C 1.0 I 06/2003... CORSA-D 1.0 07/2006...	42,971	46,000	13,700	1,49		0,013	M23	0,000	PL 21043	3	011 PS 21044 000 025 050
	42,987	46,016	13,900	1,50		0,065		0,250			
PL 21043											

											5
Ø 73,4											
Z 12 XEP R 4 Benzin, 1229 cm³, 59 kW (80 PS), 10,5:1, 16 Ventile AGILA 1.2 I 07/2004... ASTRA-H 1.2 08/2005... CORSA-D 1.2 07/2006... CORSA-D 1.2 LPG 09/2009...	42,971	46,000	13,700	1,49		0,013	M23	0,000	PL 21043	4	011 PS 21045 000 025 050
	42,987	46,016	13,900	1,50		0,065		0,250			
PL 21043											
Z 14 XEL, Z 14 XEP, Euro 4 R 4 Benzin, 1364 cm³, 59 - 66 kW (80 - 90 PS), 10,5:1, 4 Ventile ASTRA-G 1.4 09/2007...12/2009 ASTRA-H 1.4 03/2004...03/2005 ASTRA-H 1.4 LPG 08/2009... COMBO 1.4 10/2004... CORSA-C 1.4 06/2003... CORSA-D 1.4 07/2006... MERIVA 1.4 07/2004...05/2010 TIGRA II 1.4 I 06/2004...	42,971	46,000	13,700	1,49		0,013	M23	0,000	PL 21043	4	011 PS 21045 000 025 050
	42,987	46,016	13,900	1,50		0,065		0,250			
PL 21043											



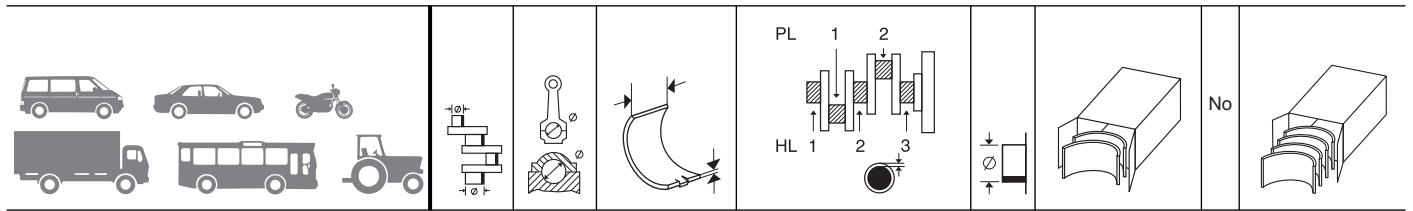
Ø 75											6
11 N R 4 Benzin, 1077 cm ³ , 33 - 40 kW (45 - 54 PS), 7,8:1 KADETT-B 1.1 09/1965...08/1973	44,970 44,987	48,000 48,012	19,200	1,618		0,027 0,072	M114	0,250 0,500	PL 18035	4	011 PS 18036 025 050

Ø 75											7
13 N, 13 NB, 13 S, 13 SB R 4 Benzin, 1297 cm ³ , 39 - 55 kW (53 - 75 PS), 8,2:1 - 9:1, 8 Ventile ASCONA-B 1.3 03/1979...08/1981 ASCONA-C 1.3 N 09/1981...08/1986 ASCONA-C 1.3 S 09/1981...08/1988 CORSA-A 1.3 09/1982...10/1989 CORSA CLASSIC 01/1997...12/2002 STUFENHECK 1.3 KADETT-D 1.3 N 08/1979...08/1984 KADETT-E 1.3 01/1985...12/1989 KADETT-E 1.3 N 09/1984...08/1991 KADETT-E 1.3 S 09/1984...02/1993 MANTA-B 1.3 N 03/1979...12/1980 MANTA-B 1.3 S 08/1979...08/1986	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	
	PL 19219										
	PL 19738										

Ø 77,6											8
14 LV, 14 NV, X 14 NZ, X 14 SZ, X 14 XE, Z 14 XE R 4 Benzin, 1389 cm ³ , 40 - 69 kW (54 - 93 PS) ASTRA-F 1.4 I 09/1991...01/2005 ASTRA-G 1.4 02/1998...01/2005 COMBO 1.4 07/1994...10/2001 COMBO 1.4 I 08/1999...10/2001 CORSA-A 1.4 S 09/1989...03/1993 CORSA-B 1.4 I 03/1993...09/2000 CORSA-C 1.4 09/2000... KADETT-E 1.4 S 07/1989...02/1993 TIGRA I 1.4 I 07/1994...12/2000 VECTRA-A 1.4 S 04/1988...06/1992	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	
	PL 19219										
	PL 19738										

Ø 77,8											9.1
12 NV R 4 Benzin, 1196 cm ³ , 38 kW (52 PS), 7,8:1, 8 Ventile CORSA-A 1.2 01/1990...03/1993	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	

Fortsetzung nächste Seite / Continued on next page



Ø 77,8 - Fortsetzung / Continued

9.2

12 NV R 4 Benzin, 1196 cm ³ , 38 kW (52 PS), 7,8:1, 8 Ventile CORSA-A 1.2 01/1990...03/1993	42,971	46,000	16,600	1,484		0,019	M114	0,000	PL 19219	2	011 PS 19563 000 025 050
	42,987	46,012		1,497		0,074		0,250			
	42,971	46,000	16,630	1,497		0,019	M114	0,000	PL 19738	2	
	42,987	46,012				0,074		0,250			
PL 19219											
PL 19738											

Ø 79

10

16 SV R 4 Benzin, 1598 cm ³ , 60 kW (82 PS), 10:1, 8 Ventile ASCONA-C 1.6 09/1986...08/1988 KADETT-E 1.6 09/1986...12/1991 KADETT-E 1.6 I 07/1989...02/1993 VECTRA-A 1.6 S 09/1988...05/1993	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000 025 050
	57,995	62,013		1,995		0,067		0,250			
	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4	
	57,995	62,013				0,067		0,250			
	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18121	4	011 PS 18122 000 025 050
	48,987	52,012				0,067		0,250			
	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18727	4	011 PS 18724 000 025
	48,987	52,012				0,067		0,250			
HL 18119											

Ø 79

11

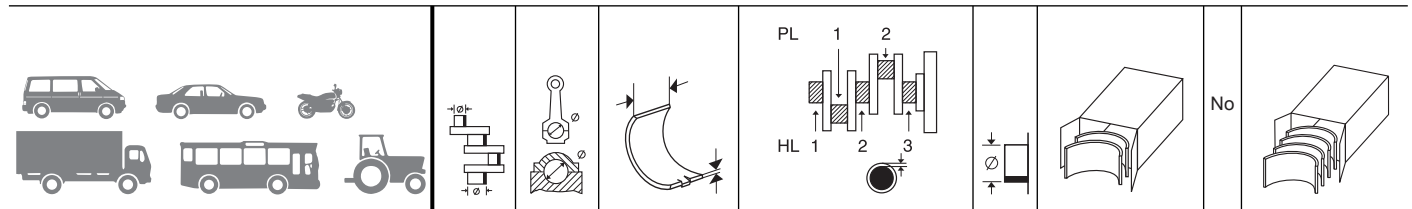
C 16 E, C 16 NZ, C 16 SE, X 16 SZR, X 16 XE, X 16 XEL, Z 16 SE R 4 Benzin, 1598 cm ³ , 52 - 78 kW (71 - 106 PS), 9,2:1 - 10,5:1 ASCONA-C 1.6 I KAT 09/1986...08/1988 ASTRA-F 1.6 I 09/1991...01/2005 ASTRA-F 1.6 SI 03/1992...01/2005 ASTRA-G 1.6 02/1998...04/2005 COMBO 1.6 10/2001... CORSA-A 1.6 GSI KAT 02/1992...03/1993 CORSA-A 1.6 I 08/1988...09/1992 CORSA-B 1.6 I 09/1994...09/2000 KADETT-E 1.6 I 09/1986...07/1994 MERIVA 1.6 05/2003...05/2010 TIGRA I 1.6 I 07/1994...06/2000 VECTRA-A 1.6 09/1988...11/1995 VECTRA-B 1.6 I 10/1995...07/2003 ZAFIRA-A 1.6 I 04/1999...06/2005	54,972	59,000	25,900	1,988		0,019	M114	0,000	FL 19222	1	011 HS 19223 000 025
	54,985	59,013		2,001		0,074		0,250			
	54,972	59,000	19,500	1,988		0,013	M114	0,000	HL 19221	4	
	54,985	59,013		2,001		0,065		0,250			
	42,971	46,000	16,600	1,484		0,019	M114	0,000	PL 19219	4	011 PS 19220 000 025
	42,987	46,012		1,497		0,074		0,250			
PL 19219											

Ø 79

12.1

C 16 LZ, C 16 XE, Y 16 XE, Z 16 XE, Z 16 XEP, Z 16 XER, Z 16 YNG R 4 Benzin, 1598 cm ³ , 55 - 85 kW (75 - 116 PS), 9,2:1 - 12,5:1 ASCONA-C 1.6 I KAT 09/1986...08/1988 ASTRA-G 1.6 02/1998...12/2009 ASTRA-H 1.6 03/2004...02/2007 ASTRA-H 1.6 LPG 08/2009... COMBO 1.6 CNG 04/2005...06/2006 CORSA-B 1.6 I 03/1993...09/2000 KADETT-E 1.6 I KAT 09/1986...02/1993 MERIVA 1.6 05/2003...05/2010 VECTRA-B 1.6 I 10/1995...07/2002 VECTRA-C 1.6 06/2004...01/2006 ZAFIRA-A 1.6 I 04/1999...06/2005 ZAFIRA-B 1.6 07/2005...01/2008	54,972	59,000	25,900	1,988		0,019	M114	0,000	FL 19222	1	011 HS 19223 000 025
	54,985	59,013		2,001		0,074		0,250			
	54,972	59,000	19,500	1,988		0,013	M114	0,000	HL 19221	4	
	54,985	59,013		2,001		0,065		0,250			

Fortsetzung nächste Seite / Continued on next page



Ø 79 - Fortsetzung / Continued

12.2

C 16 LZ, C 16 XE, Y 16 XE, Z 16 XE, Z 16 XEP, Z 16 XER, Z 16 YNG R 4 Benzin, 1598 cm³, 55 - 85 kW (75 - 116 PS), 9,2:1 - 12,5:1 ASCONA-C 1.6 I KAT 09/1986...08/1988 ASTRA-G 1.6 02/1998...12/2009 ASTRA-H 1.6 03/2004...02/2007 ASTRA-H 1.6 LPG 08/2009... COMBO 1.6 CNG 04/2005...06/2006 CORSA-B 1.6 I 03/1993...09/2000 KADETT-E 1.6 I KAT 09/1986...02/1993 MERIVA 1.6 05/2003...05/2010 VECTRA-B 1.6 I 10/1995...07/2002 VECTRA-C 1.6 06/2004...01/2006 ZAFIRA-A 1.6 I 04/1999...06/2005 ZAFIRA-B 1.6 07/2005...01/2008	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	

Ø 79

13

E 12 GV R 4 Benzin, 1196 cm³, 33 kW (45 PS), 8:1, 8 Ventile CORSA-A 1.2 09/1982...08/1990	44,970 44,987	48,000 48,012	19,200	1,618		0,027 0,072	M114	0,250 0,500	PL 18035	4	011 PS 18036 025 050
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Ø 79

14

TC 4 EE 1 R 4 Diesel, 1686 cm³, 65 kW (88 PS), 22:1, Turbo ASTRA-F 1.7 TDS 12/1991...09/1998 VECTRA-A 1.7 TD 03/1990...11/1995 X 17 DT (TC4EE1) R 4 Diesel, 1689 cm³, 60 kW (82 PS), 22:1, 8 Ventile ASTRA-F 1.7 TD 03/1995...02/1998 ASTRA-F 1.7 TDS 12/1991...09/1998 VECTRA-A 1.7 TD 03/1990...11/1995 VECTRA-B 1.7 TD 10/1995...12/1998	26,000	29,520	26,350				M5	Semi	BB 19748	4	011 BS 19907 300
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Ø 80

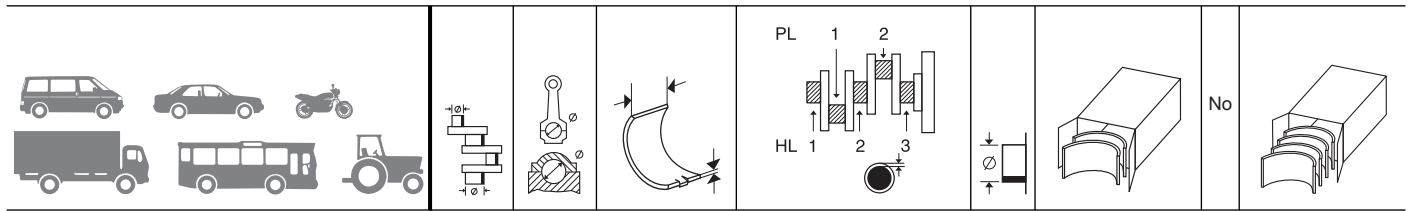
15

16 D, 16 DA R 4 Diesel, 1598 cm³, 40 kW (54 PS), 23:1, Hub 79.5mm, 8 Ventile ASCONA-C 1.6 D 03/1982...08/1988 KADETT-D 1.6 D 03/1982...08/1984 KADETT-E 1.6 D 08/1984...12/1989	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250 0,500	PL 18727	4	011 PS 18724 000 025

Ø 80

16

16 N, 16 SH R 4 Benzin, 1598 cm³, 40 - 85 kW (54 - 115 PS), 8,2:1, 8 Ventile ASCONA-C 1.6 09/1981...08/1988 ASCONA-C 1.6 S 09/1981...08/1986 KADETT-D 1.6 09/1979...08/1984 KADETT-D 1.6 S 09/1981...08/1984 KADETT-E 1.6 09/1986...06/1993 KADETT-E 1.6 S 09/1984...08/1986 16 S R 4 Benzin, 1584 cm³, 55 - 59 kW (75 - 80 PS), 9,5:1, 8 Ventile ASCONA-A 1.6 03/1975...08/1975 ASCONA-A 1.6 S 10/1970...08/1975 KADETT-C 1.6 S 05/1977...07/1979 MANTA-A 1.6 02/1975...08/1975 MANTA B 1.6 09/1975...08/1981 MANTA-B 1.6 S 09/1975...12/1981	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250 0,500	PL 18121	4	011 PS 18122 000 025 050
48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250 0,500	PL 18727	4	011 PS 18724 000 025	



Ø 80 17

F9Q 760 R 4 Diesel, 1870 cm³, 74 kW (101 PS), 18,3:1 VIVARO 1.9 DTI 08/2001...08/2006	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19987	5	021 HS 20012 000 025 050
	48,000 48,020	51,587 51,600	20,250 20,500	1,76 1,768		0,031 0,084	M157	0,000	PL 19980	4	021 PS 20001 000
	48,000 48,020	51,587 51,600	20,500	1,768		0,031 0,089	M157	0,000 0,250	PL 19981	4	021 PS 20002 000 025

HL 19987



PL 19980



PL 19981



Ø 80 18

F8Q 600, F8Q 606, F9Q 762, F 9 Q 770, F 9 Q 774 R 4 Diesel, 1870 cm³, 44 - 60 kW (60 - 82 PS), 18,3:1 - 21,5:1, 8 Ventile ARENA 1.9 D 03/1998...08/2001 MOVANO-A 1.9 DTI 09/2000...10/2001 VIVARO 1.9 DI 08/2001...08/2006	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
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Ø 80 19

X 25 TD R 6 Benzin, 2497 cm³, 96 kW (130 PS), 22:1, Turbo, LLK, 12 Ventile OMEGA-B 2.5 TD 04/1994...07/2003	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250 0,500	FL 19396	1	081 HS 19400 000 025 050
	59,971 59,990	65,000 65,019	20,000	2,498		0,020 0,063	M157	0,000 0,250 0,500	HL 19398	6	

FL 19396



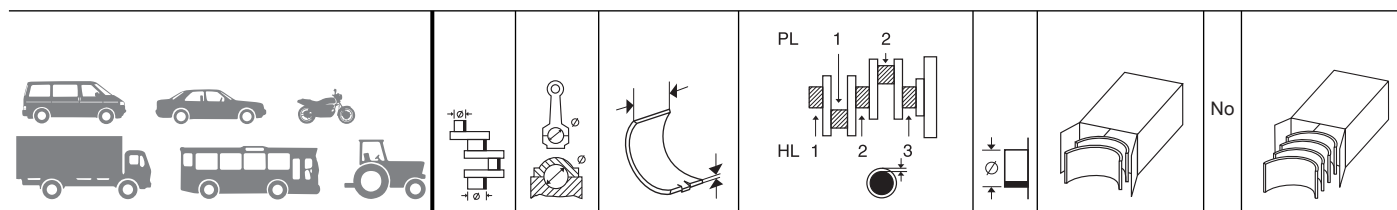
HL 19398



Ø 80,5 20.1

X 18 XE1, Z 18 XE R 4 Benzin, 1796 cm³, 85 - 92 kW (115 - 125 PS), 10,5:1, Hub 88.2mm, 16 Ventile ASTRA-F 1.8 I 03/1998...08/2000 ASTRA-G 1.8 02/1998...10/2005 ASTRA-H 1.8 03/2004...09/2005 CORSA-C 1.8 I 09/2000... MERIVA 1.8 I 05/2003... TIGRA II 1.8 I 06/2004... VECTRA-B 1.8 I 10/1995...07/2003 VECTRA-C 1.8 04/2002...10/2003 ZAFIRA-A 1.8 I 04/1999...06/2005	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	

Fortsetzung nächste Seite / Continued on next page



Ø 80,5 - Fortsetzung / Continued

20.2

X 18 XE1, Z 18 XE R 4 Benzin, 1796 cm ³ , 85 - 92 kW (115 - 125 PS), 10,5:1, Hub 88,2mm, 16 Ventile ASTRA-F 1.8 I 03/1998...08/2000 ASTRA-G 1.8 02/1998...10/2005 ASTRA-H 1.8 03/2004...09/2005 CORSA-C 1.8 I 09/2000... MERIVA 1.8 I 05/2003... TIGRA II 1.8 I 06/2004... VECTRA-B 1.8 I 10/1995...07/2003 VECTRA-C 1.8 04/2002...10/2003 ZAFIRA-A 1.8 I 04/1999...06/2005	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	ASTRA-H 1.8 03/2004...09/2005 CORSA-C 1.8 I 09/2000... MERIVA 1.8 I 05/2003... TIGRA II 1.8 I 06/2004... VECTRA-B 1.8 I 10/1995...07/2003 VECTRA-C 1.8 04/2002...10/2003 ZAFIRA-A 1.8 I 04/1999...06/2005	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	
PL 19219 PL 19738											

Ø 80,5

21

Z 18 XEL R 4 Benzin, 1796 cm ³ , 79 - 85 kW (107 - 116 PS), 10,5:1, Hub 88,2mm, 16 Ventile CORSA CLASSIC 01/2002...12/2005 STUFENHECK 1.8 VECTRA-B 1.8 I 10/1995...09/2000 VECTRA-C 1.8 04/2002...12/2006	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	CORSA CLASSIC 01/2002...12/2005 STUFENHECK 1.8 VECTRA-B 1.8 I 10/1995...09/2000 VECTRA-C 1.8 04/2002...12/2006	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	
PL 19219 PL 19738											

Ø 81,6

22

C 18 XE, C 18 XEL, X 18 XE R 4 Benzin, 1796 cm ³ , 85 kW (115 PS), 10,8:1, 4 Ventile ASTRA-F 1.8 I 06/1993...03/2001 VECTRA-B 1.8 I 10/1995...09/2000	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050	
	ASTRA-F 1.8 I 06/1993...03/2001 VECTRA-B 1.8 I 10/1995...09/2000	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119		4
	ASTRA-F 1.8 I 06/1993...03/2001 VECTRA-B 1.8 I 10/1995...09/2000	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250	PL 18727		4
HL 18119												

Ø 81,6

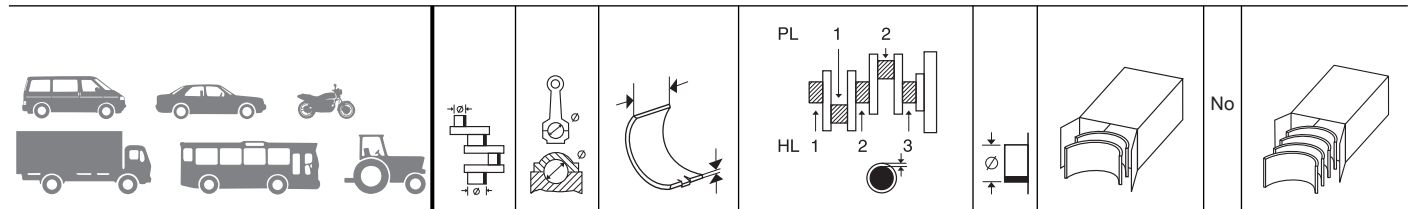
23

C 25 XE, X 25 XE V 6 Benzin, 2498 cm ³ , 125 - 144 kW (170 - 196 PS), 10,8:1, 24 Ventile CALIBRA-A 2.5 I 04/1993...07/1997 OMEGA-B 2.5 03/1994...09/2000 VECTRA-A 2.5 02/1993...11/1995 VECTRA-B 2.5 I 10/1995...09/2000 VECTRA-B I 500 2.5 05/1998...09/2000	59,436 60,706	72,000 72,013	24,500	1,989 1,995			M157	0,000 0,250	FL 20617	1	011 HS 20618 000 025		
	CALIBRA-A 2.5 I 04/1993...07/1997 OMEGA-B 2.5 03/1994...09/2000 VECTRA-A 2.5 02/1993...11/1995 VECTRA-B 2.5 I 10/1995...09/2000 VECTRA-B I 500 2.5 05/1998...09/2000		72,000 72,013	19,850 20,100	1,989 1,995			M916	0,000 0,250	HL 20615		1	
	CALIBRA-A 2.5 I 04/1993...07/1997 OMEGA-B 2.5 03/1994...09/2000 VECTRA-A 2.5 02/1993...11/1995 VECTRA-B 2.5 I 10/1995...09/2000 VECTRA-B I 500 2.5 05/1998...09/2000		72,000 72,013	16,800 17,000	1,989 1,995			M916	0,000 0,250	HL 20616		2	
	CALIBRA-A 2.5 I 04/1993...07/1997 OMEGA-B 2.5 03/1994...09/2000 VECTRA-A 2.5 02/1993...11/1995 VECTRA-B 2.5 I 10/1995...09/2000 VECTRA-B I 500 2.5 05/1998...09/2000	48,971 48,987	52,000 52,012	16,100 16,300	1,49 1,496		0,021 0,061	M916	0,000 0,250 0,500	PL 20521		6	011 PS 20522 000 025 050
	CALIBRA-A 2.5 I 04/1993...07/1997 OMEGA-B 2.5 03/1994...09/2000 VECTRA-A 2.5 02/1993...11/1995 VECTRA-B 2.5 I 10/1995...09/2000 VECTRA-B I 500 2.5 05/1998...09/2000												

Ø 82

24

Z 19 DTH, Euro 4 R 4 Diesel, 1910 cm ³ , 110 kW (150 PS), 17,5:1, Turbo, LLK, 16 Ventile ASTRA-H 1.9 CDTI 09/2004...09/2005 SIGNUM 1.9 CDTI 04/2004... ZAFIRA-B 1.9 CDTI 07/2005...	50,787 50,805	53,897 53,909	19,250 19,500	1,654 2,714		0,018 0,068	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
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Ø 84 29

X 20 DTH, X 20 DTL, Y 20 DTH, Y 20 DTL R 4 Diesel, 1998 cm³, 60 - 74 kW (82 - 101 PS), 18,5:1 - 18,7:1, Turbo, LLK, 16 Ventile	28,995	32,000	26,800				M5	Semi	BB 19459	4	011 BS 19562 300
	29,000	32,051									
ASTRA-F 2.0 DI 03/1998...08/2000	67,980	72,000	25,900	1,995		0,014	M157	0,000	FL 19496	1	011 HS 19561 000
ASTRA-F 2.0 DTI 08/1999...08/2000	67,996	72,013				0,059					
ASTRA-G 2.0 DI 02/1998...04/2005	67,980	72,000	19,250	1,995		0,014	M23	0,000	HL 19461	4	
ASTRA-G 2.0 DTI 08/1999...01/2005	67,996	72,013	19,500			0,059					
OMEGA-B 2.0 DTI 09/1997...09/2000											
SIGNUM 2.0 DTI 05/2003...											
VECTRA-B 2.0 DI 11/1996...04/2002											
VECTRA-B 2.0 DTI 06/1997...07/2003											
VECTRA-C 2.0 DTI 04/2002...10/2003											
ZAFIRA-A 2.0 DI 10/1999...06/2005											
ZAFIRA-A 2.0 DTI 04/1999...06/2005											
X 22 DTH											
R 4 Diesel, 2172 cm³, 85 kW (115 PS), 18,5:1, Turbo, LLK, 16 Ventile											
FRONTERA-B 2.2 DTI 10/1998...09/2002											
SINTRA 2.2 DTI 07/1997...04/1999											
Y 22 DTH, Y 22 DTR											
R 4 Diesel, 2171 cm³, 81 - 92 kW (110 - 125 PS), 18,5:1, Turbo, LLK, 16 Ventile											
ASTRA-G 2.2 DTI 09/2002...10/2005											
FRONTERA-B 2.2 DTI 10/1998...09/2002											
OMEGA-B 2.2 DTI 09/2000...07/2003											
SIGNUM 2.2 DTI 05/2003...06/2008											
VECTRA-C 2.2 DTI 04/2002...06/2008											
ZAFIRA-A 2.2 DTI 01/2002...06/2005											

Ø 84,8 30

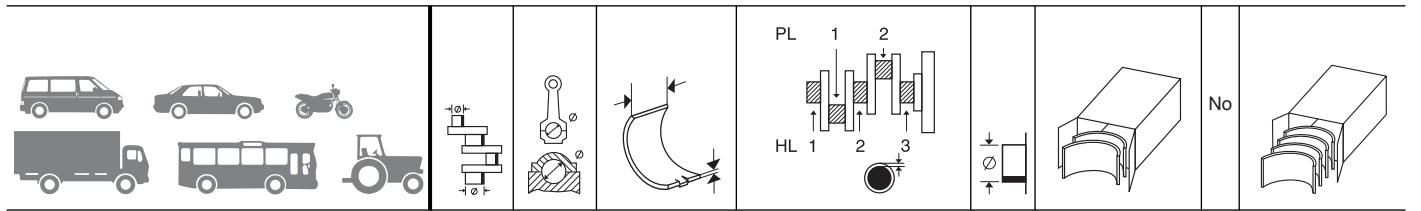
18 E, 18 N, 18 SV R 4 Benzin, 1796 cm³, 55 - 85 kW (75 - 115 PS), 8,2:1 - 10:1, 8 Ventile	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000
	57,995	62,013		1,995		0,067		0,250 0,500			
ASCONA-C 1.8 I 09/1982...08/1986	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4	011 PS 18122 000
KADETT-D 1.8 02/1983...08/1984	57,995	62,013				0,067		0,250 0,500			
KADETT-E 1.8 09/1987...08/1990											
KADETT-E 1.8 GSI 09/1984...08/1986											
KADETT-E 1.8 I 09/1990...08/1991	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18121	4	011 PS 18122 000
OMEGA-A 1.8 N 11/1986...09/1988	48,987	52,012				0,067		0,250 0,500			
OMEGA-A 1.8 S 09/1986...03/1994											
REKORD 1.8 11/1982...08/1986	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18727	4	011 PS 18724 000
VECTRA-A 1.8 I 09/1988...10/1990	48,987	52,012				0,067		0,250			
18 S, 18 SE, 18 SEH, C 18 NE											
R 4 Benzin, 1795 cm³, 44 - 85 kW (60 - 116 PS), 8,2:1 - 10:1, 8 Ventile											
ASCONA-C 1.8 E 01/1985...08/1986											
ASTRA-F 1.8 I 09/1995...09/1996											
KADETT-E 1.8 12/1988...08/1991											
KADETT-E 1.8 E 10/1985...08/1986											
KADETT-E 1.8 I 09/1984...08/1986											
MANTA-B 1.8 S 07/1982...08/1987											
OMEGA-A 1.8 09/1986...03/1994											
REKORD 1.8 S 11/1982...08/1986											
C 18 NZ											
R 4 Benzin, 1798 cm³, 66 kW (90 PS), 9,2:1, 8 Ventile											
ASTRA-F 1.8 I 09/1991...09/1998											
KADETT-E 1.8 I 06/1985...08/1991											
VECTRA-A 1.8 I KAT 03/1990...11/1995											

HL 18119

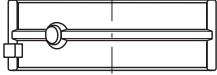



Ø 84,8 31

18 NV R 4 Benzin, 1796 cm³, 60 kW (82 PS), 9,2:1, 8 Ventile	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000
	57,995	62,013		1,995		0,067		0,250 0,500			
OMEGA-A 1.8 N 09/1986...08/1987	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4	011 PS 18724 000
	57,995	62,013				0,067		0,250 0,500			
18 NVR											
R 4 Benzin, 1795 cm³, 55 - 85 kW (75 - 115 PS), 8,2:1											
	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18727	4	011 PS 18724 000
	48,987	52,012				0,067		0,250			
HL 18119											



Ø 85											32
16 N R 4 Benzin, 1584 cm ³ , 44 - 50 kW (60 - 68 PS), 8,2:1, 8 Ventile ASCONA-A 1.6 N MANTA-A 1.6 MANTA-B 1.6 N	51,971 51,987	55,000 55,012	19,610	1,449		0,020 0,059	M157	0,000 0,250 0,500	PL 19739	4	011 PS 19564 000 025 050

Ø 86											33
20 NEJ, 20 SER R 4 Benzin, 1998 cm ³ , 82 - 115 kW (112 - 156 PS), 9,2:1 - 10:1 KADETT-E 2.0 GSI VECTRA-B 2.0 I	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250	PL 18727	4	011 PS 18724 000 025
HL 18119 											

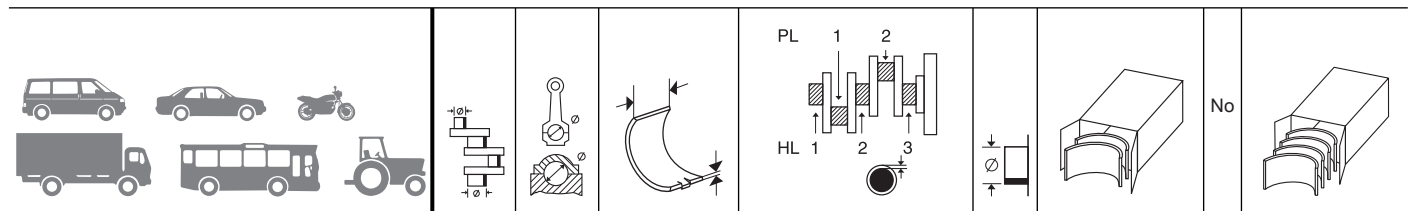
Ø 86											34
20 SE, 20 SEH, 20 XE, C 20 NE, C 20 NEJ, C 20 SEL, C 20 XE, C 20 XEV, X 20 SE, X 20 XEV R 4 Benzin, 1998 cm ³ , 73 - 115 kW (99 - 156 PS), 9,2:1 - 10,8:1, 8 Ventile ASCONA-C 2.0 I GT ASCONA-C 2.0 I KAT ASTRA-F 2.0 GSI ASTRA-F 2.0 I ASTRA-G 2.0 CALIBRA-A 2.0 I FRONTERA-A 2.0 I KADETT-E 2.0 GSI KADETT-E 2.0 GSI KAT KADETT-E 2.0 I KADETT-E 2.0 I KAT OMEGA-A 2.0 OMEGA-B 2.0 VECTRA-A 2.0 VECTRA-A 2.0/GT KAT VECTRA-B 2.0 I	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	20,300	1,50		0,020 0,066	M114	0,000	PL 19224	4	011 PS 19225 000
HL 18119 											
X 22 SE, X 22 XE, Y 22 SE R 4 Benzin, 2198 cm ³ , 100 - 104 kW (136 - 141 PS), 9,6:1 - 10,5:1, 16 Ventile FRONTERA-A 2.2 I FRONTERA-B 2.2 I SINTRA 2.2 I											

Ø 86											35
X 30 XE V 6 Benzin, 2962 cm ³ , 155 kW (211 PS), 10,8:1, 4 Ventile OMEGA-B 3.0 SINTRA 3.0 I	59,436 60,706	72,000 72,013	24,500	1,989 1,995			M157	0,000 0,250	FL 20617	1	011 HS 20618 000 025
		72,000 72,013	19,850 20,100	1,989 1,995			M916	0,000 0,250	HL 20615	1	
			72,000 72,013	16,800 17,000	1,989 1,995			M916	0,000 0,250	HL 20616	2

Ø 86											36
Z 22 SE R 4 Benzin, 2198 cm ³ , 108 kW (147 PS), 10:1, 16 Ventile ASTRA-G 2.2 VECTRA-B 2.2 I VECTRA-C 2.2	22,218 22,258		23,250 23,750				M100	Semi	BB 19326	4	599 BS 19787 300
	49,000 49,014	52,118 52,134	20,050 20,300	1,539 1,545		0,023 0,066	M218	0,000 0,250 0,500	PL 19358	4	

Ø 86,5											37.1
20 D R 4 Diesel, 1998 cm ³ , 40 - 43 kW (54 - 58 PS), 22:1, 8 Ventile ASCONA-B 2.0 D REKORD 2.0 D	27,200 27,320	31,000 31,025	34,250				M100	Semi	BB 19447	4	011 BS 19572 300
	29,200 29,320	33,000 33,025	34,250				M100	Semi	BB 19445	4	

Fortsetzung nächste Seite / Continued on next page



Ø 86,5 - Fortsetzung / Continued

37.2

20 D R 4 Diesel, 1998 cm³, 40 - 43 kW (54 - 58 PS), 22:1, 8 Ventile ASCONA-B 2.0 D REKORD 2.0 D 08/1978...08/1981 08/1974...10/1982	57,987	62,000	29,420	1,987		0,026	M114	0,000	FL 18305	1	011 HS 18200 000 025
	58,000	62,013				0,077		0,250			
	57,987	62,000	24,500	1,987		0,026	M114	0,000	HL 18301	4	
	58,000	62,013				0,077		0,250			
	49,500	18,000				M23	Semi	NB 19460	4	011 NS 19571 300	
	49,525										
	53,971	57,000	25,500	1,485		0,043	M114	0,000	PL 18201	4	011 PS 18202 000 025
	53,987	57,012				0,096		0,250			

Ø 87

38

25 E, 25 NE R 6 Benzin, 2490 cm³, 59 - 110 kW (80 - 150 PS), 7,6:1 COMMODORE-A 2.5 GS/E COMMODORE-C 2.5 E MONZA-A 2.5 SENATOR-A 2.5 SENATOR-B 2.5 I 08/1969...01/1972 12/1980...12/1982 06/1984...08/1986 09/1984...08/1987 09/1990...09/1993	57,987	61,999	27,450	1,986		0,026	M114	0,000	FL 19741	1	011 HS 19760 000 025 050
	58,000	62,014	27,510			0,076		0,250			
	57,987	62,000	22,430	1,989		0,026	M157	0,000	HL 19740	6	
	58,000	62,013				0,076		0,250			
	51,971	55,000	19,610	1,449		0,020	M157	0,000	PL 19739	6	011 PS 19759 000 025 050
	51,987	55,012				0,059		0,250			

Ø 87

39

25 H, 25 S R 6 Benzin, 2490 cm³, 85 kW (115 PS) COMMODORE-A 2.5 COMMODORE-A 2.5 GS COMMODORE-B 2.5 COMMODORE-B 2.5 GS COMMODORE-C 2.5 S SENATOR-A 2.5 08/1967...08/1969 08/1967...01/1972 01/1972...07/1978 01/1972...08/1975 08/1978...12/1982 05/1978...12/1980	57,987	61,999	27,450	1,986		0,026	M114	0,000	FL 19741	1	011 HS 19760 000 025 050
	58,000	62,014	27,510			0,076		0,250			
	57,987	62,000	22,430	1,989		0,026	M157	0,000	HL 19740	6	
	58,000	62,013				0,076		0,250			

Ø 87

40

G9T 720, G9T 722 R 4 Diesel, 2188 cm³, 66 kW (90 PS), 18:1 MOVANO-A 2.2 DTI 09/2000...	63,250	78,550		2,30			M157	0,000	AL 20324	2	021 AS 20325 000
	63,500	78,800		2,35							
	31,013	33,607	25,410				M100	Semi	BB 20294	4	021 BS 20295 300
	31,020		25,910								
57,990	61,668	20,740	1,81			M920	0,000	HL 20296	5	021 HS 20297 000 025	
58,000	61,681	20,990	1,816				0,250				
52,971	56,587	20,400	1,782		0,015	M157	0,000	PL 20292	4	021 PS 20293 000 025	
52,990	56,606	20,650	1,792		0,069		0,250				

Ø 87

41

G9T 750 R 4 Diesel, 2188 cm³, 66 kW (90 PS), 17,8:1, 16 Ventile MOVANO-A 2.2 DTI 09/2000...	63,250	78,550		2,30			M157	0,000	AL 20324	2	021 AS 20325 000
	63,500	78,800		2,35							
	57,990	61,668	20,740	1,81			M920	0,000	HL 20296	5	021 HS 20297 000 025
	58,000	61,681	20,990	1,816				0,250			
52,971	56,587	20,400	1,782		0,015	M157	0,000	PL 20292	4	021 PS 20293 000 025	
52,990	56,606	20,650	1,792		0,069		0,250				

Ø 88

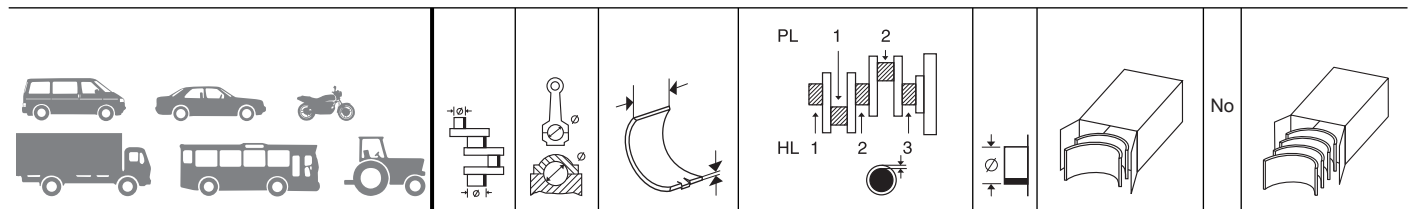
42

17 L, 17 N, 17 S R 4 Benzin, 1698 cm³, 44 - 61 kW (60 - 83 PS), 8:1 - 8,8:1, 8 Ventile OLYMPIA 1.7 REKORD 1.7 REKORD 1.7 S REKORD 1700 08/1967...08/1971 03/1963...10/1982 08/1966...02/1975 07/1957...07/1960	51,971	55,000	19,610	1,449		0,020	M157	0,000	PL 19739	4	011 PS 19564 000 025 050
	51,987	55,012				0,059		0,250			

Ø 88

43

21 D R 4 Diesel, 2068 cm³, 44 kW (60 PS), 22:1, 8 Ventile REKORD 2.1 D 09/1972...07/1978	27,200	31,000	34,250				M100	Semi	BB 19447	4	011 BS 19572 300
	27,320	31,025									
	29,200	33,000	34,250				M100	Semi	BB 19445	4	011 BS 19573 300
	29,320	33,025									
	57,987	62,000	29,420	1,987		0,026	M114	0,000	FL 18305	1	011 HS 18200 000 025
	58,000	62,013				0,077		0,250			
57,987	62,000	24,500	1,987		0,026	M114	0,000	HL 18301	4		
58,000	62,013				0,077		0,250				
	49,500	18,000				M23	Semi	NB 19460	4	011 NS 19571 300	
	49,525										
	53,971	57,000	25,500	1,485		0,043	M114	0,000	PL 18201	4	011 PS 18202 000 025
	53,987	57,012				0,096		0,250			



Ø 88,8 **44**

C 26 NE R 6 Benzin, 2592 cm³, 110 kW (150 PS), 9,2:1 OMEGA-A 2.6 I 09/1990...03/1994 SENATOR-B 2.6 I 09/1990...09/1993	57,987	61,999	27,450	1,986		0,026	M114	0,000	FL 19741	1	011 HS 19760 000 025 050
	58,000	62,014	27,510			0,076		0,250			
	57,987	62,000	22,430	1,989		0,026	M157	0,000	HL 19740	6	
	58,000	62,013				0,076		0,250			
	51,971	55,000	19,610	1,449		0,020	M157	0,000	PL 19739	6	011 PS 19759 000 025 050
	51,987	55,012				0,059		0,250			

Ø 89 **45**

G9U 632 R 4 Diesel, 2464 cm³, 88 - 107 kW (120 - 146 PS), 18,1:1 MOVANO-A 2.5 CDTI 10/2003...08/2006	63,250	78,550		2,30			M157	0,000	AL 20324	2	021 AS 20325 000
	63,500	78,800		2,35							
	31,013	33,607	25,410				M100	Semi	BB 20294	4	021 BS 20295 300
	31,020	33,025	25,910								
G9U 720, G9U 724, G9U 730, G9U 750, G9U 754 R 4 Diesel, 2463 cm³, 73 - 99 kW (99 - 135 PS), 16 Ventile MOVANO-A 2.5 CDTI 10/2003...12/2006 MOVANO-A 2.5 DTI 10/2001...10/2003 VIVARO 2.5 DTI 05/2003...08/2006	57,990	61,668	20,740	1,81			M920	0,000	HL 20296	5	021 HS 20297 000 025
	58,000	61,681	20,990	1,816				0,250			
	52,971	56,587	20,400	1,782		0,015	M157	0,000	PL 20292	4	021 PS 20293 000 025
	52,990	56,606	20,650	1,792		0,069		0,250			

Ø 92 **46**

23 D, 23 DTR, 23 TD, 23 YDT R 4 Diesel, 2260 cm³, 46 - 74 kW (63 - 100 PS), 22:1 - 23:1, 8 Ventile FRONTERA-A 2.3 TD 03/1992...10/1998 OMEGA-A 2.3 TD 09/1986...03/1994 REKORD 2.2 D 08/1978...08/1983 REKORD 2.2 TD 06/1984...08/1986 REKORD 2.3 D 11/1982...08/1986 SENATOR-A 2.3 TD 11/1984...08/1987	27,200	31,000	34,250				M100	Semi	BB 19447	4	011 BS 19572 300	
	27,320	31,025										
	29,200	33,000	34,250					M100	Semi	BB 19445	4	011 BS 19573 300
	29,320	33,025										
	57,987	62,000	29,420	1,987		0,026	M114	0,000	FL 18305	1	011 HS 18200 000 025	
	58,000	62,013				0,077		0,250				
	57,987	62,000	24,500	1,987		0,026	M114	0,000	HL 18301	4	011 NS 19571 300	
	58,000	62,013				0,077		0,250				
	49,500	18,000					M23	Semi	NB 19460	4	011 PS 18202 000 025	
	49,525											
	53,971	57,000	25,500	1,485		0,043	M114	0,000	PL 18201	4	011 PS 18202 000 025	
	53,987	57,012				0,096		0,250				

Ø 92 **47**

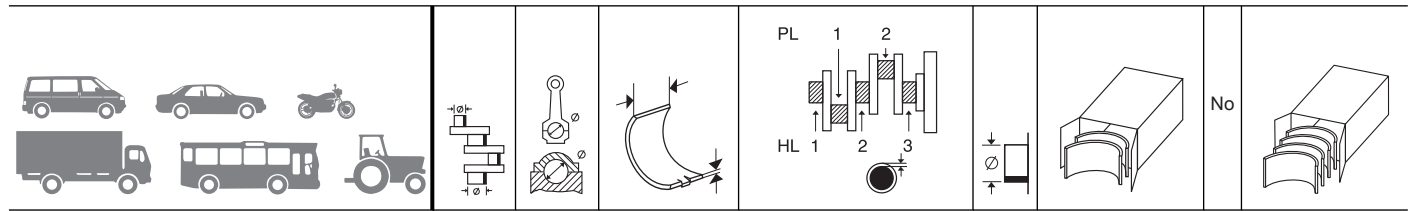
23 YD R 4 Diesel, 2260 cm³, 54 kW (73 PS), 22:1 OMEGA-A 2.3 D 09/1986...03/1994	57,987	62,000	29,420	1,987		0,026	M114	0,000	FL 18305	1	011 HS 18200 000 025
	58,000	62,013				0,077		0,250			
	57,987	62,000	24,500	1,987		0,026	M114	0,000	HL 18301	4	011 PS 18202 000 025
58,000	62,013				0,077		0,250				
	53,971	57,000	25,500	1,485		0,043	M114	0,000	PL 18201	4	011 PS 18202 000 025
	53,987	57,012				0,096		0,250			

Ø 92 **48**

28 R 6 Benzin, 2783 cm³, 92 - 121 kW (125 - 165 PS)	57,987	61,999	27,450	1,986		0,026	M114	0,000	FL 19741	1	011 HS 19760 000 025 050
	58,000	62,014	27,510			0,076		0,250			
	57,987	62,000	22,430	1,989		0,026	M157	0,000	HL 19740	6	
	58,000	62,013				0,076		0,250			011 PS 19759 000 025 050
	51,971	55,000	19,610	1,449		0,020	M157	0,000	PL 19739	6	
	51,987	55,012				0,059		0,250			

Ø 92 **49**

28 E, 28 EC, 28 H, 28 S R 6 Benzin, 2784 cm³, 92 - 121 kW (125 - 165 PS), 9:1 - 9,5:1, 12 Ventile ADMIRAL-A 2.8 10/1965...03/1969 ADMIRAL-B 2.8 03/1969...01/1978 COMMODORE-B 2.8 GS/E 07/1972...02/1975 DIPLOMAT-B 2.8 03/1969...02/1975 SENATOR-A 2.8 02/1978...04/1981	57,987	61,999	27,450	1,986		0,026	M114	0,000	FL 19741	1	011 HS 19760 000 025 050
	58,000	62,014	27,510			0,076		0,250			
	57,987	62,000	22,430	1,989		0,026	M157	0,000	HL 19740	6	011 PS 19759 000 025 050
	58,000	62,013				0,076		0,250			

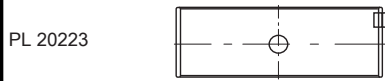


Ø 93 50

S8U 758, S8U 770, S8U 780, S8U 782 R 4 Diesel, 2499 cm³, 55 - 59 kW (75 - 80 PS), 22:1 - 22,5:1, 8 Ventile ARENA 2.5 D 03/1998...08/2001 MOVANO-A 2.5 D 07/1998...09/2000	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200
	86,208	90,614	30,950	2,174				0,254			210
								0,508			220
								0,762			230
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
	80,208	84,614	23,800	2,174				0,254			
								0,508			
								0,762			
	56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200
	56,535	60,345	24,700	1,871		0,075		0,254			210

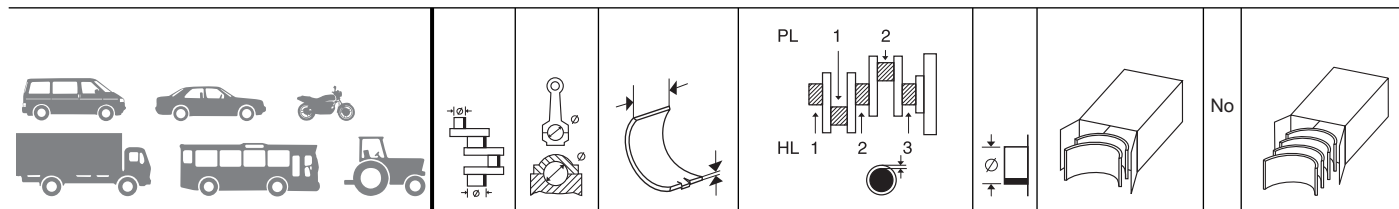
Ø 94,4 51

S9W 702 R 4 Diesel, 2799 cm³, 84 kW (114 PS), 19:1 MOVANO-A 2.8 DTI 07/1998...10/2001	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300	
	31,996	34,920	30,700	1,75								
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200	
	86,208	90,614	30,950	2,174				0,254			210	
								0,508			220	
								0,762			230	
		80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
		80,208	84,614	23,800	2,174				0,254			
									0,508			
									0,762			
	76,171	80,587	31,900	2,164	5.	0,032	M900	0,000	FL 20369	1	007 HS 20370 200	
	76,200	80,616	31,950	2,174				0,254			210	
								0,508			220	
	76,171	80,587	24,610	2,164	1.2.3.4.	0,039	M900	0,000	HL 20368	4		
	76,200	80,616	24,990	2,174		0,117		0,254				
								0,508				
	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200	
	76,200	80,607	31,950	2,172		0,094		0,254			210	
								0,508			220	
	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4		
	76,200	80,607	25,000	2,172		0,094		0,254				
								0,508				
	56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200	
	56,534	60,348	24,690	1,884		0,092		0,254			210	
								0,508			220	
	56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200	
	56,535	60,345	24,700	1,899		0,075		0,254			210	
								0,508			220	
	56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200	
	56,535	60,345	24,700	1,871		0,075		0,254			210	



Ø 95 52

20 E, 20 ER, 20 N, 20 S R 4 Benzin, 1979 cm³, 56 - 92 kW (76 - 125 PS), 8:1 - 9,4:1, 8 Ventile ASCONA-B 2.0 08/1977...08/1981 ASCONA-C 2.0 09/1981...08/1983 KADETT-C 2.0 08/1977...07/1979 MANTA-B 2.0 08/1977...07/1988 MANTA-B 2.0 E 08/1977...08/1988 MANTA-B 2.0 S 08/1977...08/1984 REKORD 2.0 09/1975...10/1982 REKORD 2.0 E 09/1977...10/1984 REKORD 2.0 S 08/1977...08/1986 22 E R 4 Benzin, 2197 cm³, 85 kW (115 PS), 9,4:1 REKORD 2.2 E 11/1984...08/1986 SENATOR-A 2.2 11/1984...08/1987	51,971	55,000	19,610	1,449			0,020	M157	0,000	PL 19739	4	011 PS 19564 000	
	51,987	55,012					0,059		0,250			025	
									0,500				050



Ø 95 **53**

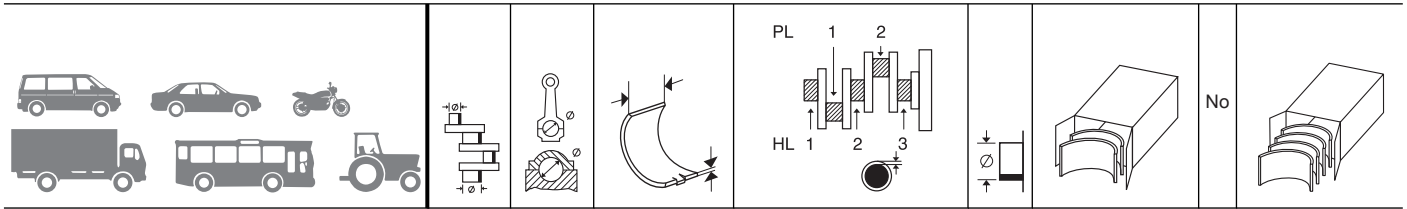
30 E, 30 H, 30 NE, C 30 NE, C 30 SE, C 30 SEJ R 6 Benzin, 2969 cm³, 110 - 150 kW (150 - 204 PS), 9,2:1 - 10:1, 12 Ventile MONZA-A 3.0 02/1978...08/1986 OMEGA-A 3.0 03/1987...04/1994 OMEGA-A 3.0 I 03/1988...03/1994 OMEGA-A 3.0 KAT 03/1987...03/1994 SENATOR-A 3.0 02/1978...12/1986 SENATOR-B 3.0 I 01/1988...09/1993	57,987	61,999	27,450	1,986		0,026	M114	0,000	FL 19741	1	011 HS 19760 000 025 050
	58,000	62,014	27,510			0,076		0,250			
C 30 LE R 6 Benzin, 2968 cm³, 115 kW (156 PS), 12 Ventile MONZA-A 3.0 I 09/1985...08/1986 OMEGA-A 3.0 03/1987...03/1994 SENATOR-A 3.0 09/1985...08/1987 SENATOR-B 3.0 I 09/1987...09/1993	57,987	62,000	22,430	1,989		0,026	M157	0,000	HL 19740	6	
	58,000	62,013				0,076		0,250			

Ø 95 **54**

C 24 NE R 4 Benzin, 2410 cm³, 92 kW (125 PS), 9,2:1, 8 Ventile FRONTERA-A 2.4 I 03/1992...10/1998 OMEGA-A 2.4 I 09/1988...03/1994	51,971	55,000	19,610	1,624		0,020	M114	0,250	PL 19449	4	011 PS 19565 025
	51,987	55,012				0,068					

Ø 95,4 **55**

4 JG2T, 4 JG2TC R 4 Diesel, 3059 cm³, 80 - 84 kW (109 - 114 PS), 20:1 CAMPO 3.1 TD 12/1992... MONTEREY-A 3.1 TD 09/1991...07/1998	69,920	73,975	23,030	2,129		0,037	M780	0,250	HL 19899	5	629 HS 19895 025
	69,930	74,000				0,098					

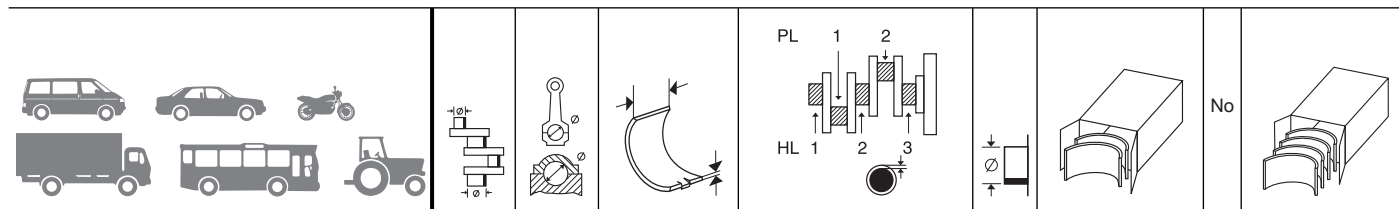


OTOSAN

Ø 90,83

1

NER R 4 Benzin, 1993 cm ³ , 74 kW (100 PS), 9,2:1, 8 Ventile TAUNUS 2.0 01/1989...	56,980 57,000	60,620 60,640	23,240 23,620	1,80 1,81		0,000 0,058	M901	0,000 0,250	HL 20233	5	014 HS 20234 000 025
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PERKINS

Ø 88,92 1

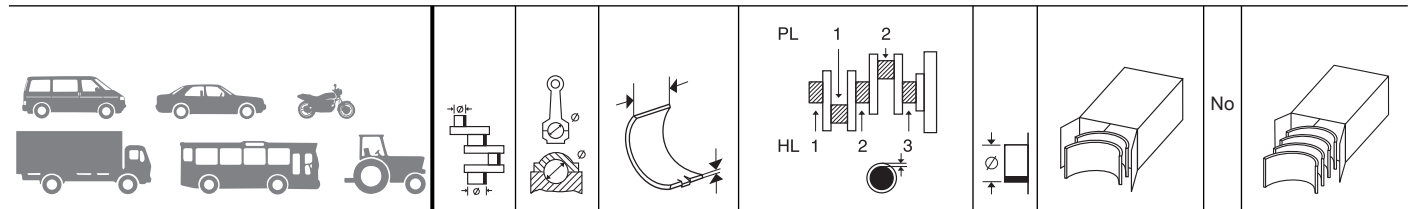
4.192 R 4 Diesel, 3140 cm³, 29 - 37 kW (39 - 50 PS), 16,5:1	77,350	90,220		3,07			M157	0,000	AL 18318	4	043 AS 18317 200 210 220 230 240	
	77,600	90,475		3,12				0,254				
								0,508				
								0,762				
								1,016				
	69,812	74,079	32,900	2,08		0,074	M157	0,000	HL 18391	1	043 HS 20566 200 210	
	69,825	74,104	33,150	2,09		0,132		0,254				
								0,508				
								0,762				
								1,016				
	69,812	74,079	25,150	2,08		0,074	M157	0,000	HL 18393	2		
	69,825	74,104	25,400	2,09		0,132		0,254				
								0,508				
								0,762				
								1,016				
	69,812	74,079	40,450	2,08		0,074	M157	0,000	HL 18403	2		
	69,825	74,104	40,700	2,09		0,132		0,254				
								0,508				
								0,762				
								1,016				

Ø 88,92 2

P 3.144 R 3 Diesel, 2365 cm³, 22 kW (30 PS), 16,5:1	77,350	90,220		3,07			M157	0,000	AL 18318	4	043 AS 18317 200 210 220 230 240	
	77,600	90,475		3,12				0,254				
								0,508				
								0,762				
								1,016				
	69,812	74,079	32,900	2,08		0,074	M157	0,000	HL 18391	1	043 HS 18401 200 210 220 230 240 <small>01/1957...</small>	
	69,825	74,104	33,150	2,09		0,132		0,254				
								0,508				
								0,762				
								1,016				
	69,812	74,079	25,150	2,08		0,074	M157	0,000	HL 18393	2		
	69,825	74,104	25,400	2,09		0,132		0,254				
								0,508				
								0,762				
								1,016				
	69,812	74,079	40,450	2,08		0,074	M157	0,000	HL 18403	1		
	69,825	74,104	40,700	2,09		0,132		0,254				
								0,508				
								0,762				
								1,016				
	57,112	60,833	29,950	1,812		0,061	M157	0,000	PL 18350	3	043 PS 18500 200 210 220 230 240	
	57,125	60,846	30,200	1,822		0,104		0,254				
								0,508				
								0,762				
								1,016				

Ø 91,48 3

3.152, 3.152.2, D3.152 R 3 Diesel, 2490 cm³, 22 - 35 kW (30 - 48 PS), 17,4:1, 6 Ventile	77,350	90,220		3,07			M157	0,000	AL 18318	4	043 AS 18317 200 210 220 230 240	
	77,600	90,475		3,12				0,254				
								0,508				
								0,762				
								1,016				
3.152.4 R 3 Diesel, 2500 cm³, 43 kW (58 PS)	69,812	74,079	32,900	2,08		0,074	M157	0,000	HL 18391	1	043 HS 18401 200 210 220 230 240 <small>01/1957...</small>	
	69,825	74,104	33,150	2,09		0,132		0,254				
								0,508				
								0,762				
								1,016				
T 3.152.4 R 3 Diesel, 2503 cm³, 39 kW (53 PS), Turbo	69,812	74,079	25,150	2,08		0,074	M157	0,000	HL 18393	2		
	69,825	74,104	25,400	2,09		0,132		0,254				
								0,508				
								0,762				
								1,016				
	69,812	74,079	40,450	2,08		0,074	M157	0,000	HL 18403	1		
	69,825	74,104	40,700	2,09		0,132		0,254				
								0,508				
								0,762				
								1,016				
	57,112	60,833	29,950	1,812		0,061	M157	0,000	PL 18350	3	043 PS 18500 200 210 220 230 240	
	57,125	60,846	30,200	1,822		0,104		0,254				
								0,508				
								0,762				
								1,016				



Ø 91,48

4

4.203 R 4 Diesel, 3330 cm³, 47 kW (64 PS), 17,4:1	77,350	90,220		3,07			M157	0,000	AL 18318	4	043 AS 18317 200 210 220 230 240
	77,600	90,475		3,12				0,254 0,508 0,762 1,016			
4.203, AD 4.203, G 4.203, P 4.203 R 4 Diesel, 3300 cm³, 41 - 44 kW (56 - 60 PS), 17,4:1 - 18,5:1	69,812	74,079	32,900	2,08		0,074	M157	0,000	HL 18391	1	043 HS 20566 200 210
	69,825	74,104	33,150	2,09		0,132		0,254			
4.2032 R 4 Diesel, 3335 cm³, 42 kW (57 PS), 17,4:1, 8 Ventile	69,812	74,079	25,150	2,08		0,074	M157	0,000	HL 18393	2	
	69,825	74,104	25,400	2,09		0,132		0,254			
	69,812	74,079	40,450	2,08		0,074	M157	0,000	HL 18403	2	
	69,825	74,104	40,700	2,09		0,132		0,254			

Ø 91,48

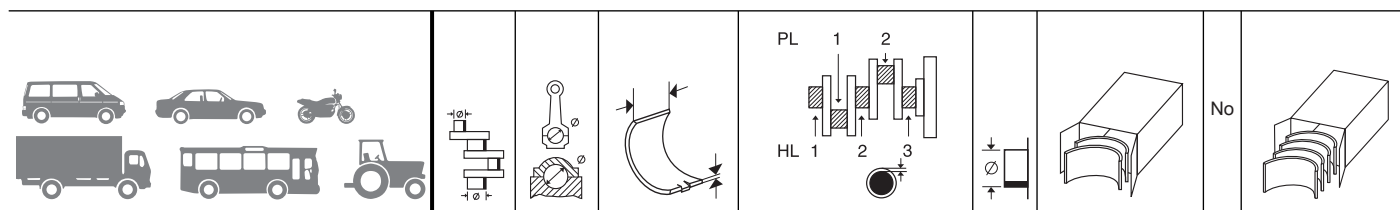
5

AD 3.152 R 3 Diesel, 2503 cm³, 35 kW (47 PS), 18,5:1	77,350	90,220		3,07			M157	0,000	AL 18318	4	043 AS 18317 200 210 220 230 240
	77,600	90,475		3,12				0,254 0,508 0,762 1,016			
	69,812	74,079	32,900	2,08		0,074	M157	0,000	HL 18391	1	043 HS 18401 200 210 220 230 240
	69,825	74,104	33,150	2,09		0,132		0,254 0,508 0,762 1,016			
	69,812	74,079	25,150	2,08		0,074	M157	0,000	HL 18393	2	
	69,825	74,104	25,400	2,09		0,132		0,254 0,508 0,762 1,016			
	69,812	74,079	40,450	2,08		0,074	M157	0,000	HL 18403	1	
	69,825	74,104	40,700	2,09		0,132		0,254 0,508 0,762 1,016			
	57,112	60,833	29,950	1,812		0,061	M157	0,000	PL 18350	3	043 PS 18500 200 210 220 230 240
	57,125	60,846	30,200	1,822		0,104		0,254 0,508 0,762 1,016			

Ø 91,48

6

P 3.152 R 3 Diesel, 2490 cm³, 33 kW (45 PS), 17,4:1	77,350	90,220		3,07			M157	0,000	AL 18318	4	043 AS 18317 200 210 220 230 240
	77,600	90,475		3,12				0,254 0,508 0,762 1,016			
	31,742	34,920	26,400				M100	Semi	BB 20171	3	043 BS 20172 300
	31,750	34,956	26,900								
	69,812	74,079	32,900	2,08		0,074	M157	0,000	HL 18391	1	043 HS 18401 200 210 220 230 240
	69,825	74,104	33,150	2,09		0,132		0,254 0,508 0,762 1,016			
	69,812	74,079	25,150	2,08		0,074	M157	0,000	HL 18393	2	
	69,825	74,104	25,400	2,09		0,132		0,254 0,508 0,762 1,016			
	69,812	74,079	40,450	2,08		0,074	M157	0,000	HL 18403	1	
	69,825	74,104	40,700	2,09		0,132		0,254 0,508 0,762 1,016			
	57,112	60,833	29,950	1,812		0,061	M157	0,000	PL 18350	3	043 PS 18500 200 210 220 230 240
	57,125	60,846	30,200	1,822		0,104		0,254 0,508 0,762 1,016			



Ø 98,48 **7**

4.212 R 4 Diesel, 3475 cm³, 44 - 47 kW (60 - 64 PS), 15,5:1, 8 Ventile	86,868	103,840		2,26			M250	0,000	AL 20543	4	043 AS 20544 200
	87,122	104,090		2,31							
A 4.212, G 4.212 R 4 Diesel, 3470 cm³, 44 kW (60 PS), 15,1:1	76,161	80,416	36,450	2,08		0,061	M157	0,000	HL 18407	1	043 HS 18416 200
	76,174	80,441	36,700	2,09		0,120		0,254			210
A 4.236, G 4.236 R 4 Diesel, 3860 cm³, 48 - 53 kW (65 - 72 PS), 16:1	76,161	80,416	31,650	2,08		0,061	M157	0,000	HL 18595	4	
	76,174	80,441	31,900	2,09		0,120		0,254			
CA.236 R 4 Diesel, 3866 cm³	63,474	67,208	31,650	1,832		0,037	M157	0,000	PL 18360	4	043 PS 18359 200
	63,487	67,221	31,900	1,842		0,082		0,254 0,508			210 220

Ø 98,48 **8**

4.236 R 4 Diesel, 3864 cm³, 65 kW (89 PS), 16:1, 8 Ventile	86,800	104,000		2,26			M157	0,000	AL 18322	4	043 AS 18321 200
	87,050	104,250		2,31				0,254 0,508 0,762 1,016			210 220 230 240
	34,920	38,895	33,450				M100	Semi	BB 20158	4	043 BS 20159 300
	34,925	38,920	33,950								
	76,161	80,416	36,450	2,08		0,061	M157	0,000	HL 18407	1	043 HS 18416 200
	76,174	80,441	36,700	2,09		0,120		0,254			210
	76,161	80,416	31,650	2,08		0,061	M157	0,000	HL 18595	4	
	76,174	80,441	31,900	2,09		0,120		0,254			
	63,474	67,208	31,650	1,832		0,037	M157	0,000	PL 18360	4	043 PS 18359 200
	63,487	67,221	31,900	1,842		0,082		0,254 0,508			210 220

Ø 98,48 **9**

AT 4.236 R 4 Diesel, 3866 cm³, 66 - 68 kW (90 - 92 PS), 15,3:1	86,868	103,840		2,26			M250	0,000	AL 20543	4	043 AS 20544 200
	87,122	104,090		2,31							
T 4.236 R 4 Diesel, 3864 cm³, 49 - 58 kW (67 - 79 PS), 15,3:1, Turbo	76,161	80,416	36,450	2,08		0,061	M157	0,000	HL 18407	1	043 HS 18416 200
	76,174	80,441	36,700	2,09		0,120		0,254			210
	76,161	80,416	31,650	2,08		0,061	M157	0,000	HL 18595	4	
	76,174	80,441	31,900	2,09		0,120		0,254			

Ø 100 **10**

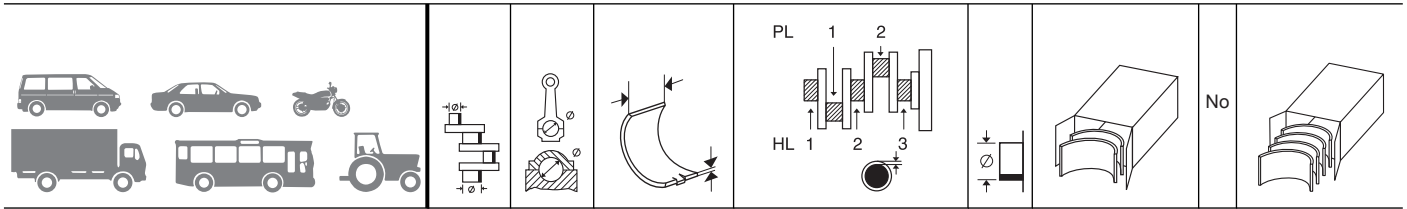
4.40 R 4 Diesel, 3990 cm³	86,868	103,840		2,26			M250	0,000	AL 20543	4	043 AS 20544 200
	87,122	104,090		2,31							
	76,161	80,416	36,450	2,08		0,061	M157	0,000	HL 18407	1	043 HS 18416 200
	76,174	80,441	36,700	2,09		0,120		0,254			210
	76,161	80,416	31,650	2,08		0,061	M157	0,000	HL 18595	4	
	76,174	80,441	31,900	2,09		0,120		0,254			
	63,474	67,208	31,650	1,832		0,037	M157	0,000	PL 18360	4	043 PS 18359 200
	63,487	67,221	31,900	1,842		0,082		0,254 0,508			210 220

Ø 100 **11**

T 4.40 R 4 Diesel, 3990 cm³, 82 - 88 kW (112 - 120 PS), Turbo, LLK	86,868	103,840		2,26			M250	0,000	AL 20543	4	043 AS 20544 200
	87,122	104,090		2,31							
	76,161	80,416	36,450	2,08		0,061	M157	0,000	HL 18407	1	043 HS 18416 200
	76,174	80,441	36,700	2,09		0,120		0,254			210
	76,161	80,416	31,650	2,08		0,061	M157	0,000	HL 18595	4	
	76,174	80,441	31,900	2,09		0,120		0,254			

Ø 101,05 **12**

4.248, 4.2482 R 4 Diesel, 4067 cm³, 51 - 60 kW (70 - 82 PS), 16:1 - 18:1	86,868	103,840		2,26			M250	0,000	AL 20543	4	043 AS 20544 200
	87,122	104,090		2,31							
	76,161	80,416	36,450	2,08		0,061	M157	0,000	HL 18407	1	043 HS 18416 200
	76,174	80,441	36,700	2,09		0,120		0,254			210
A 4.248 R 4 Diesel, 4060 cm³, 53 - 55 kW (72 - 75 PS), 16:1	76,161	80,416	31,650	2,08		0,061	M157	0,000	HL 18595	4	
	76,174	80,441	31,900	2,09		0,120		0,254			
	63,474	67,208	31,650	1,832		0,037	M157	0,000	PL 18360	4	043 PS 18359 200
	63,487	67,221	31,900	1,842		0,082		0,254 0,508			210 220



Ø 108,75

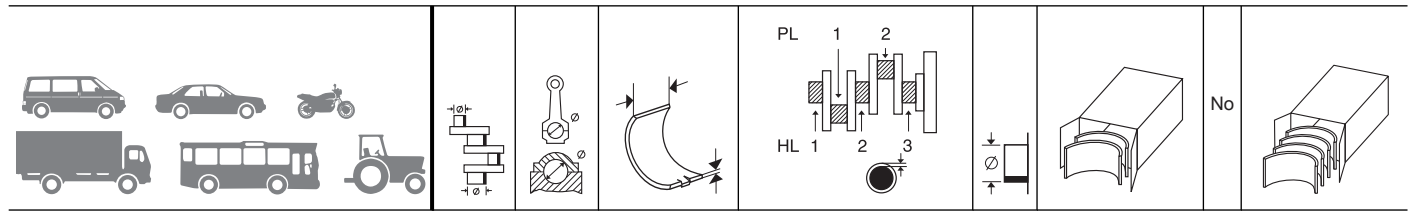
13

4.288D R 4 Diesel, 4714 cm³	77,350	90,220		3,07			M157	0,000	AL 18318	4	043 AS 18317 200 210 220 230 240	
	77,600	90,475		3,12				0,254 0,508 0,762 1,016				
	69,812	74,079	32,900	2,08		0,074	M157	0,000	HL 18391	1		043 HS 20566 200 210
	69,825	74,104	33,150	2,09		0,132		0,254				
69,812	74,079	25,150	2,08		0,074	M157	0,000	HL 18393	2			
	69,825	74,104	25,400	2,09		0,132		0,254				
	69,812	74,079	40,450	2,08		0,074	M157	0,000	HL 18403	2		
	69,825	74,104	40,700	2,09		0,132		0,254				

Ø 114,31

14

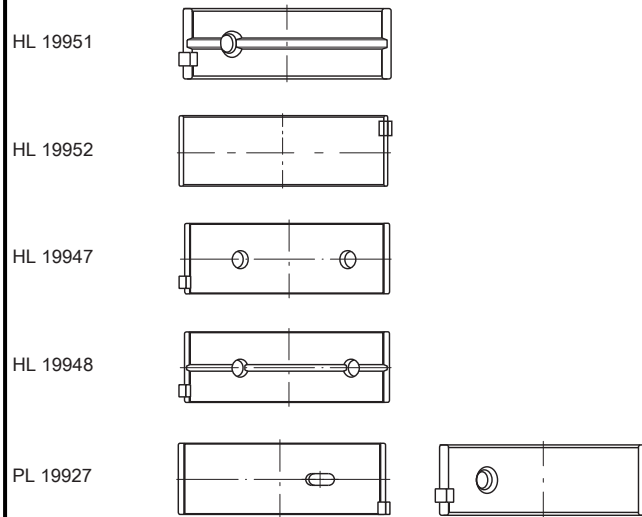
4.318 R 4 Diesel, 5215 cm³, 72 kW (98 PS)	86,868	103,840		2,26			M250	0,000	AL 20543	4	043 AS 20544 200 210
	87,122	104,090		2,31							
	76,161	80,416	36,450	2,08		0,061	M157	0,000	HL 18407	1	
	76,174	80,441	36,700	2,09		0,120		0,254			
	76,161	80,416	31,650	2,08		0,061	M157	0,000	HL 18595	4	
	76,174	80,441	31,900	2,09		0,120		0,254			



PEUGEOT

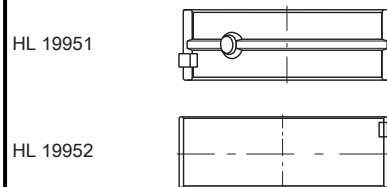
Ø 70 1

108 (XV3), TU 9 Z R 4 Benzin, 954 cm³, 33 - 34 kW (45 - 46 PS), 8,8:1 - 9,4:1, 8 Ventile 104 0.9 10/1972...10/1983	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	55,500	71,700									
	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010 <small>01/1981...</small>
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
49,981	53,674				0,070						
49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000	
49,981	53,674				0,070						
49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2		
49,981	53,674				0,070						
37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000	
38,008	41,144				0,081		0,300				030



Ø 70 2

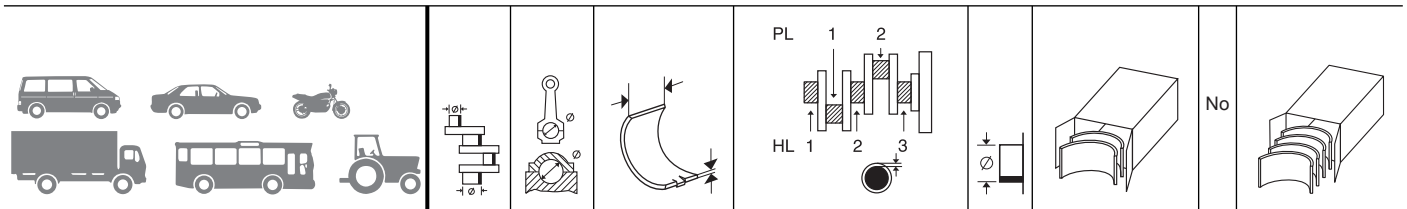
108 (XV5) R 4 Benzin, 954 cm³, 33 - 34 kW (45 - 46 PS), 8,8:1 104 0.9 09/1973...10/1983	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
49,981	53,674				0,070						
49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3		
49,981	53,674				0,070						



Ø 70 3.1

108C (XV8) R 4 Benzin, 954 cm³, 32 - 33 kW (44 - 45 PS), 8,8:1, 8 Ventile 104 0.9 09/1983...06/1988 205 I 1.0 02/1983...10/1987	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000	
49,981	53,674				0,070						
49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2		
49,981	53,674				0,070						

Fortsetzung nächste Seite / Continued on next page



Ø 70 - Fortsetzung / Continued

3.2

108C (XV8) R 4 Benzin, 954 cm ³ , 32 - 33 kW (44 - 45 PS), 8,8:1, 8 Ventile 104 0.9 205 I 1.0 09/1983...06/1988 02/1983...10/1987	37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000 030	
	38,008	41,144				0,081		0,300				
	HL 19951											
	HL 19952											
	HL 19947											
	HL 19948											
PL 19927												

Ø 70

4

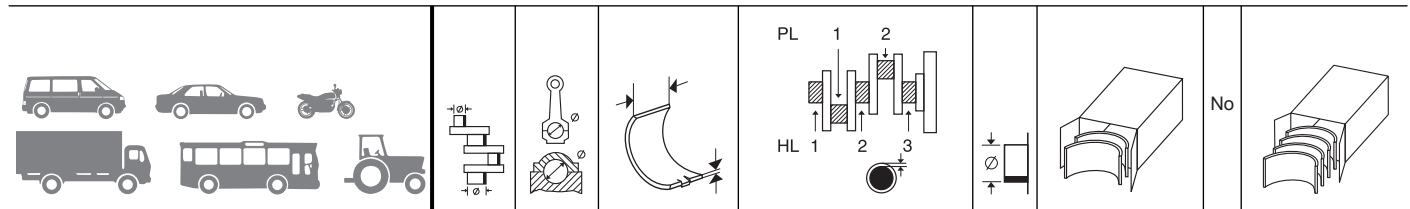
CDY (TU9M), CDZ (TU9M), TU9 R 4 Benzin, 954 cm ³ , 33 - 37 kW (45 - 50 PS), 9,4:1, 8 Ventile 106 I 1.0 106 II 1.0 I 205 II 1.0 09/1991...03/2001 05/1996... 10/1987...09/1998	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000 010
	55,500	71,700									
	55,250	71,450		2,45			M250	0,000	AL 19960	2	
	55,500	71,700						0,100			
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4		
38,008	41,144				0,081						
HL 19951											
HL 19952											
HL 19947											
HL 19948											
PL 19927											

Ø 70

5.1

XV 5 R 4 Benzin, 954 cm ³ , 32 - 35 kW (44 - 48 PS), 9,3:1	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010 <small>01/1981...</small>
	55,500	71,700						0,100			

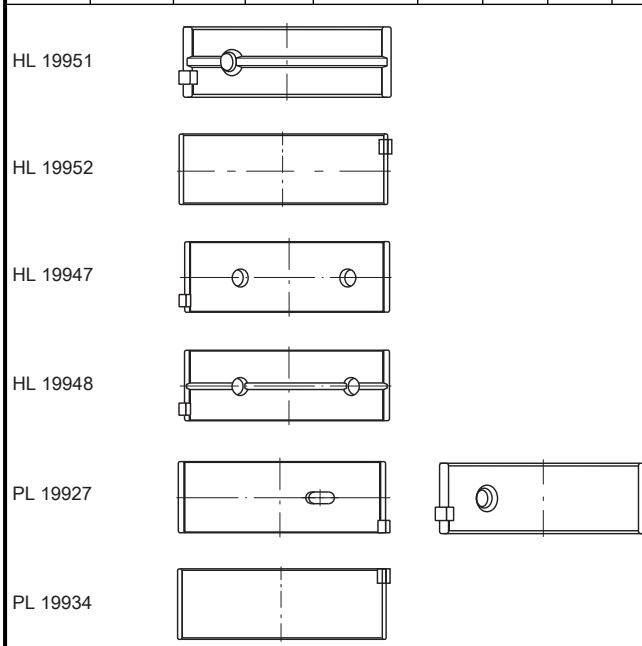
Fortsetzung nächste Seite / Continued on next page



Ø 70 - Fortsetzung / Continued

5.2

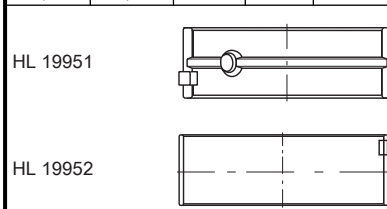
XV 5 R 4 Benzin, 954 cm³, 32 - 35 kW (44 - 48 PS), 9,3:1	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
	37,992 38,008	41,128 41,144	16,300	1,548	1.-4.	0,024 0,081	M157	0,000 0,300	PL 19927	4	039 PS 19937 000 030
	44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050



Ø 72

6

109 (XW3) R 4 Benzin, 1124 cm³, 42 kW (57 PS), 9,2:1, 8 Ventile 104 1.1 07/1976...06/1983	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	
	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	

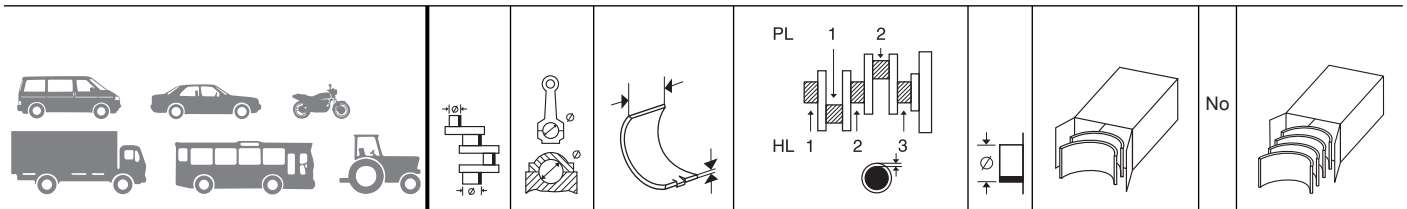


Ø 72

7.1

109F (XW7), 109N (XW7) R 4 Benzin, 1124 cm³, 36 kW (50 PS), 8 Ventile 104 1.1 205 I 1.1 205 II 1.1 08/1979...06/1988 02/1983...10/1987 10/1987...10/1990	55,250 55,500	71,450 71,700		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	
	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	

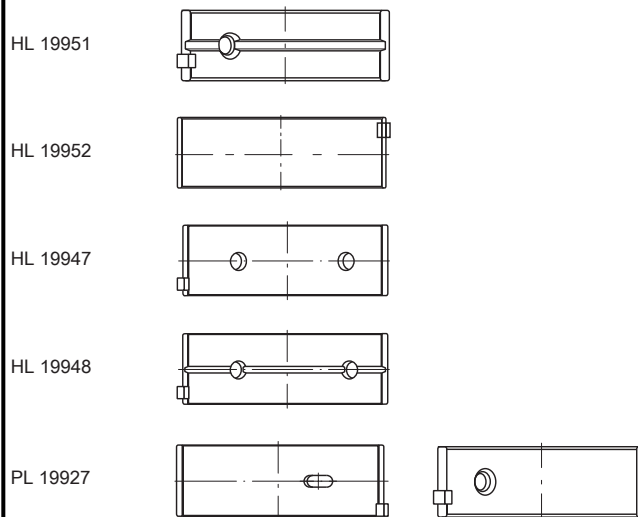
Fortsetzung nächste Seite / Continued on next page



Ø 72 - Fortsetzung / Continued

7.2

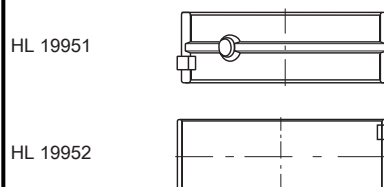
109F (XW7), 109N (XW7) R 4 Benzin, 1124 cm ³ , 36 kW (50 PS), 8 Ventile 104 1.1 08/1979...06/1988 205 I 1.1 02/1983...10/1987 205 II 1.1 10/1987...10/1990	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
	37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000 030
	38,008	41,144				0,081		0,300			



Ø 72

8

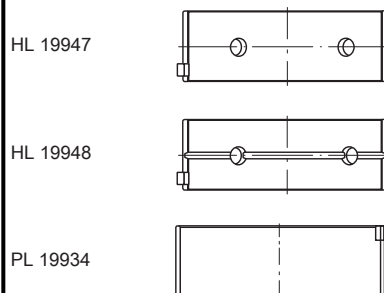
121 (XW3S) R 4 Benzin, 1124 cm ³ , 49 kW (67 PS) 104 1.1 08/1975...06/1980	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					

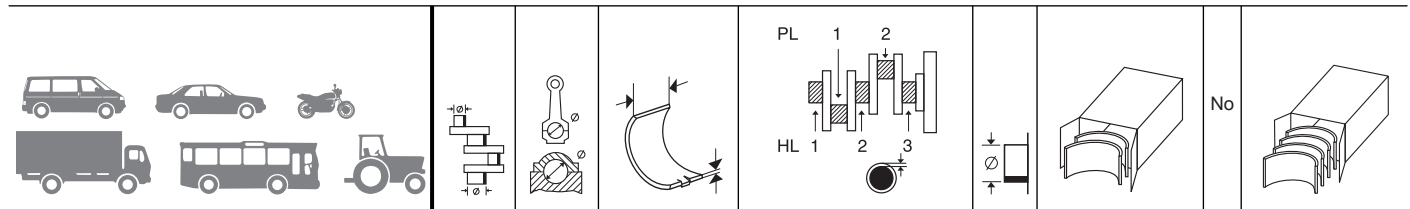


Ø 72

9

H1B (TU1) R 4 Benzin, 1124 cm ³ , 40 kW (54 PS), 9,4:1 205 II 1.1 08/1987...10/1990	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010
	55,500	71,700						0,100			
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
49,981	53,674				0,070						
44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050	
44,991	48,671				0,081		0,300	0,500			

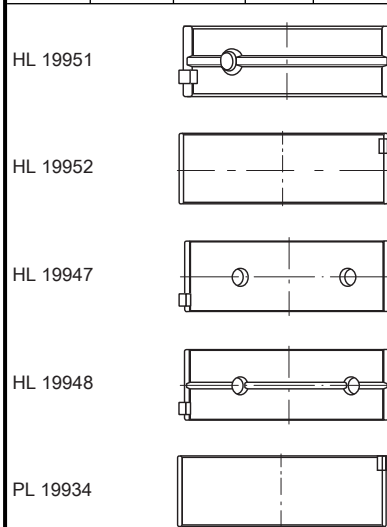




Ø 72

10

HDY (TU1M), HDZ (TU1M) R 4 Benzin, 1124 cm³, 44 kW (60 PS), 9,2:1, 8 Ventile 106 I 1.1 106 II 1.1 I 205 I 1.1 205 II 1.1 306 1.1 309 II 1.1 PARTNER 1.1	09/1991...04/1996	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
	05/1996...01/1997	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	10/1989...12/1994	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
	07/1989...09/1998	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	05/1993...05/2001	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
	08/1990...12/1993	44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050
	06/1996...											



Ø 72

11

HFX (TU1A) R 4 Benzin, 1124 cm³, 44 kW (60 PS), 10,2:1, 8 Ventile		44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050

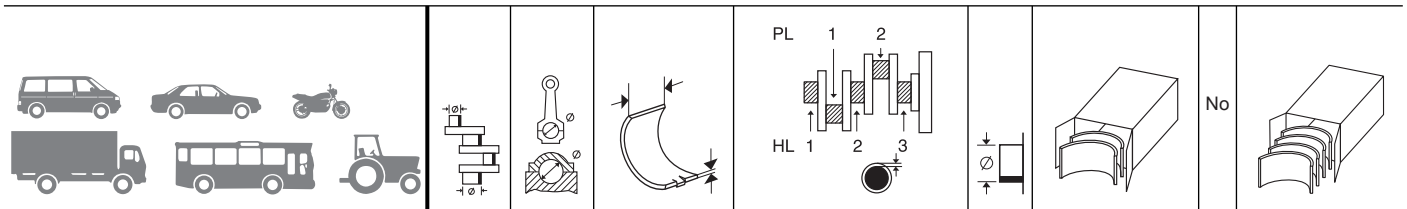


Ø 72

12.1

HFX (TU1JP) R 4 Benzin, 1124 cm³, 44 kW (60 PS), 10,2:1, 8 Ventile 106 II 1.1 I 206+ 1.1 206 1.1 I PARTNER 1.1	05/1996...	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
	01/2009...	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	09/1998...07/2002	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
	06/1996...	44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300	PL 19931	4	039 PS 19941 000 030

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Ø 72 - Fortsetzung / Continued

12.2

HFX (TU1JP) R 4 Benzin, 1124 cm ³ , 44 kW (60 PS), 10,2:1, 8 Ventile 106 II 1.1 I 05/1996... 206+ 1.1 01/2009... 206 1.1 I 09/1998...07/2002 PARTNER 1.1 06/1996...	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050
	44,991	48,671				0,081		0,300			
	HL 19947										
	HL 19948										
	PL 19931										
PL 19934											

Ø 72

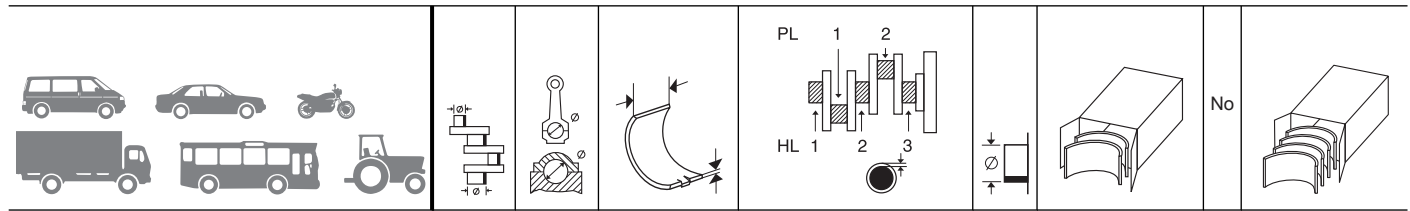
13

HFZ (TU1JP) R 4 Benzin, 1124 cm ³ , 44 kW (60 PS), 10,2:1, 8 Ventile 206 1.1 I 09/1998...	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010 039 HS 19969 000
	55,500	71,700						0,100			
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
49,981	53,674				0,070						
44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4	039 PS 19941 000 030 050	
44,991	48,671				0,081		0,300				
HL 19947											
HL 19948											
PL 19931											

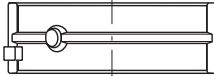


Ø 72

14

TU 1 K R 4 Benzin, 1124 cm ³ , 40 kW (54 PS), 9,4:1	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	
44,991	48,671				0,081		0,300			039 PS 19943 000 030 050	
					0,500						
HL 19947											
HL 19948											
PL 19934											



Ø 72 15

XW3S R 4 Benzin, 1124 cm³, 48 kW (66 PS), 9,2:1, 8 Ventile 104 1.1 09/1973...09/1979	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700									010
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081					030 050
	HL 19951 										
	HL 19952 										
	PL 19934 										

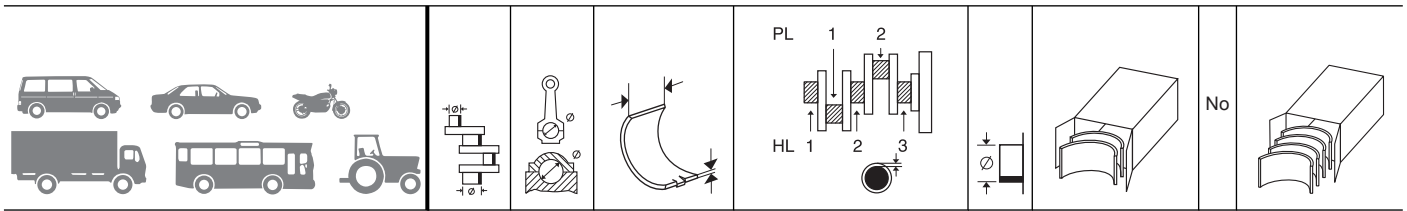
Ø 73,7 16

8HP (DV4C), 8HR (DV4C), 8HR (DV4TD), 8HS (DV4TD), 8HS (DV4TED), 8HT (DV4TD), 8HX (DV4TD), 8HZ (DV4TD) R 4 Diesel, 1398 cm³, 40 - 51 kW (54 - 69 PS), 17:1 - 18:1, 8 Ventile 1007 1.4 HDI 04/2005... 107 1.4 HDI 06/2005... 2008 1.4 HDI 06/2013... 206+ 1.4 HDI ECO 01/2009... 206 1.4 HDI 09/2001...03/2009 206 1.4 HDI ECO 09/2001... 207 1.4 HDI 02/2006...04/2007 208 1.4 HDI 03/2012... 307 1.4 HDI 10/2001...01/2005 BIPPER 1.4 HDI 02/2008...	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000
	71,700	55,480		2,45							
	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000
	49,981	53,674	19,918	1,837				0,300			030
	44,975	48,655	16,800	1,812		0,036	M330	0,000	PL 21519	4	039 PS 21520 000
	44,991	48,671	17,050	1,818		0,080					

Ø 75 17.1

129 (XZ5) R 4 Benzin, 1218 cm³, 42 kW (57 PS), 9,3:1, Hub 69mm, 8 Ventile 104 1.2 08/1979...06/1983	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	55,500	71,700									
	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010 <small>01/1981...</small>
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					

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Ø 75 - Fortsetzung / Continued

17.2

129 (XZ5) R 4 Benzin, 1218 cm ³ , 42 kW (57 PS), 9,3:1, Hub 69mm, 8 Ventile 104 1.2 08/1979...06/1983	37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000 030	
	38,008	41,144				0,081		0,300				
	HL 19951											
	HL 19952											
	HL 19947											
	HL 19948											
PL 19927												

Ø 75

18

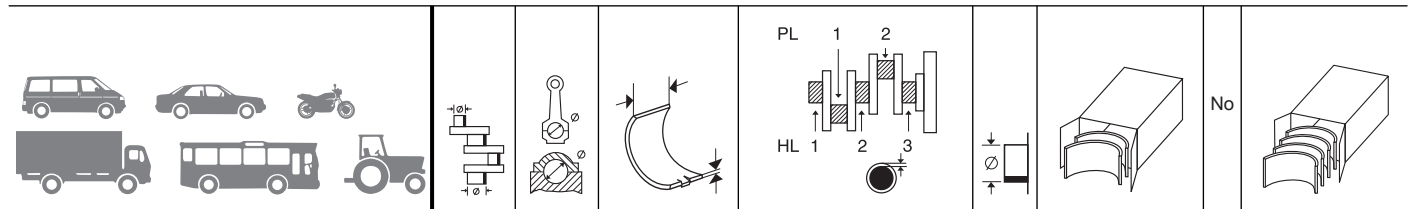
150 (XY6B) R 4 Benzin, 1360 cm ³ , 53 kW (72 PS), 9,3:1 104 1.4 205 I 1.4 205 II 1.4 08/1979...06/1984 08/1983...10/1987 01/1987...07/1988	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010 039 HS 19965 030
	55,500	71,700						0,100			
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
HL 19951											
HL 19952											

Ø 75

19.1

150B (XY8) R 4 Benzin, 1360 cm ³ , 58 - 59 kW (79 - 80 PS), 9,3:1 205 I 1.4 205 I 1.4 CT 205 II 1.4 02/1983...10/1987 04/1986...12/1988 07/1988...05/1989	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000 039 AS 19964 000 010 039 HS 19965 030 039 HS 19969 000
	55,500	71,700									
	55,250	71,450		2,45			M250	0,000	AL 19960	2	
	55,500	71,700						0,100			
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3		
49,981	53,674				0,070						
49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2		
49,981	53,674				0,070						

Fortsetzung nächste Seite / Continued on next page



Ø 75 - Fortsetzung / Continued

19.2

150B (XY8) R 4 Benzin, 1360 cm³, 58 - 59 kW (79 - 80 PS), 9,3:1 205 I 1.4 205 I 1.4 CT 205 II 1.4	02/1983...10/1987 04/1986...12/1988 07/1988...05/1989	37,992 38,008	41,128 41,144	16,300	1,548	1.-4.	0,024 0,081	M157	0,000 0,300	PL 19927	4	039 PS 19937 000 030
		HL 19951										
		HL 19952										
		HL 19947										
		HL 19948										
		PL 19927										

Ø 75

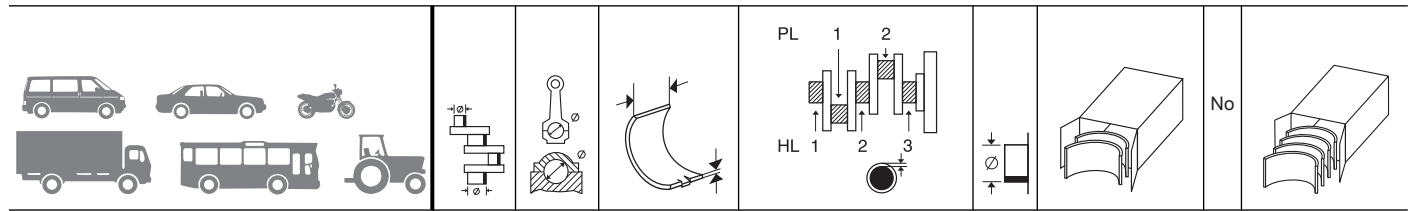
20

150D (XY7), 150H (XY8) R 4 Benzin, 1360 cm³, 44 - 58 kW (60 - 79 PS), 9,3:1 205 I 1.4 CJ 205 I 1.4 CT 205 II 1.4	02/1983...05/1989 10/1985...12/1988 10/1987...05/1989	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
		49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
		49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
K9Y (TUD3Y) R 4 Diesel, 1361 cm³, 37 kW (50 PS), 22:1 106 I 1.4 D	09/1992...04/1996	HL 19947										
		HL 19948										

Ø 75

21

150G (XY7), K5A (TU3) R 4 Benzin, 1360 cm³, 44 - 51 kW (60 - 70 PS), 9,3:1 - 10,2:1 106 I 1.4 205 I 1.4 CJ 205 II 1.4 405 I 1.4	08/1991...03/1996 02/1983...05/1989 10/1987...05/1989 01/1987...07/1992	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
		49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
		49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
KAY (TU3CP), KFZ (TU3J2/Z) R 4 Benzin, 1361 cm³, 44 - 69 kW (60 - 94 PS), 9,3:1 - 9,9:1, 8 Ventile 106 I 1.4 205 I 1.4 205 II 1.4	09/1991...04/1996 01/1989...09/1993 08/1987...09/1993	44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050
		HL 19947										
		HL 19948										
		PL 19934										



Ø 75 **22**

9HD (DV6CTED), 9HM (DV6UC), 9HP (DV6DTED), 9HT (DV6BTED4), 9HU (DV6UTED4), 9HV (DV6ATED4), 9HW (DV6BTED4), 9HX (DV6ATED4), 9HY (DV6TED4), 9HZ (DV6TED4) R 4 Diesel, 1560 cm³, 55 - 82 kW (75 - 112 PS), Hub 88.3mm, Turbo, LLK, 8 Ventile 1007 1.6 HDI 06/2007... 2008 1.6 HDI 03/2013... 206 1.6 HDI 05/2004...04/2005 207 1.6 HDI 02/2006...11/2009 208 1.6 HDI 03/2012...03/2014 3008 1.6 HDI 06/2009...03/2013 307 1.6 HDI 02/2004...12/2006 308 1.6 HDI 09/2007... 407 1.6 HDI 05/2004... 5008 1.6 HDI 09/2009... 508 1.6 HDI 02/2012... EXPERT 1.6 HDI 01/2007... PARTNER 1.6 HDI 02/2006...04/2012	71,350 71,700	55,200 55,480		2,40 2,45			M218	0,000	AL 21042	2	039 AS 21056 000
	49,962 49,981	53,655 53,674	19,668 19,918	1,831 1,837			M920	0,000 0,300	HL 21052	5	039 HS 21053 000 030
46,975 46,991	50,655 50,674	16,750 17,000	1,81 1,82			0,035 0,086	M331	0,000 0,300	PL 21022	4	039 PS 21023 000 030
PL 21022											

Ø 75 **23**

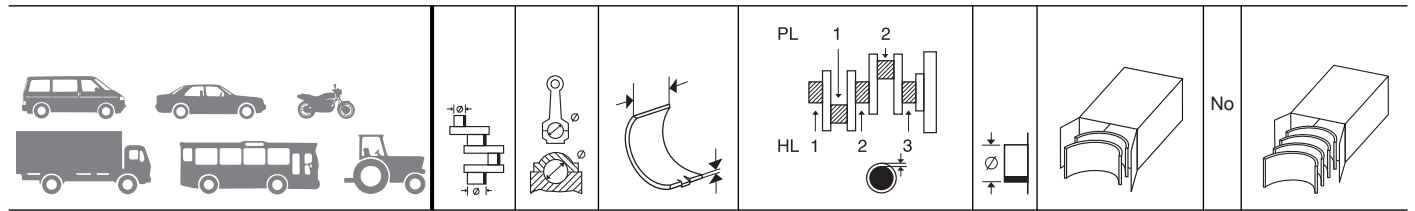
9HF (DV6DTED), Euro 4 R 4 Diesel, 1560 cm³, 66 kW (90 PS), 18:1, 8 Ventile 301 1.6 HDI 11/2012... PARTNER 1.6 HDI 03/2013...	71,350 71,700	55,200 55,480		2,40 2,45			M218	0,000	AL 21042	2	039 AS 21056 000
	49,962 49,981	53,655 53,674	19,668 19,918	1,831 1,837			M920	0,000 0,300	HL 21052	5	039 HS 21053 000 030

Ø 75 **24**

9HS (DV6TED4BU), Euro 4 R 4 Diesel, 1560 cm³, 66 kW (90 PS), 18:1, 16 Ventile PARTNER 1.6 HDI 04/2008...	49,962 49,981	53,655 53,674	19,668 19,918	1,831 1,837			M920	0,000 0,300	HL 21052	5	039 HS 21053 000 030
	46,975 46,991	50,655 50,674	16,750 17,000	1,81 1,82			0,035 0,086	M331	0,000 0,300	PL 21022	4
PL 21022											

Ø 75 **25**

K1D (TU3A) R 4 Benzin, 1361 cm³, 49 kW (67 PS), 9,3:1, 8 Ventile 205 I 1.4 05/1988...12/1994 205 II 1.4 10/1987...10/1990 309 I 1.4 03/1989...07/1989 309 II 1.4 07/1990...12/1993	55,250 55,500	71,450 71,700		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
K6D (TU3A), K6E (TU3A), K6F (TU3A) R 4 Benzin, 1360 cm³, 53 kW (72 PS), 10,2:1, 8 Ventile 49,965 53,655 17,290 1,982 2.4. 0,020 M157 0,300 HL 19951 2 039 HS 19965 030 49,981 53,674	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	49,965 49,981	53,655 53,674	17,290	1,832	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
TU2J2 R 4 Benzin, 1294 cm³, 72 - 74 kW (98 - 101 PS), 10,2:1, 8 Ventile 106 I 1.3 10/1993...04/1996	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
HL 19951											
HL 19952											
HL 19947											
HL 19948											

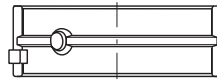


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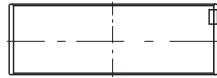
26

K2B (TU3S), TU 3.2/K R 4 Benzin, 1361 cm ³ , 55 kW (75 PS), 9,3:1, 8 Ventile 205 II 1.4 309 I 1.4 06/1987...12/1989 03/1989...07/1989	55,250	71,450		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	55,500	71,700									
	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070				3	
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
49,981	53,674				0,070						
49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000	
49,981	53,674				0,070						
49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2		
49,981	53,674				0,070						
44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000	
44,991	48,671				0,081		0,300			030	
							0,500			050	

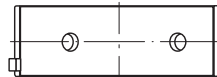
HL 19951



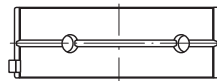
HL 19952



HL 19947



HL 19948



PL 19934

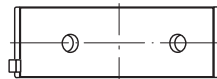


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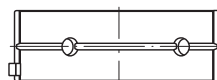
27

KDX (TU3MC), KDZ (TU3M) R 4 Benzin, 1361 cm ³ , 55 - 58 kW (75 - 79 PS), 9,3:1, 8 Ventile 106 I 1.4 205 I 1.4 CJ 205 II 1.4 306 1.4 309 I 1.4 309 II 1.4 405 II 1.4 09/1991...04/1996 05/1991...12/1994 07/1988...09/1998 05/1993...05/2001 03/1989...07/1989 07/1989...12/1993 08/1992...10/1996	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070				2	
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4	039 PS 19941 000
44,991	48,671				0,081		0,300			030	
44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000	
44,991	48,671				0,081		0,500			030	
										050	

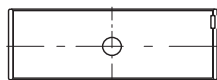
HL 19947



HL 19948

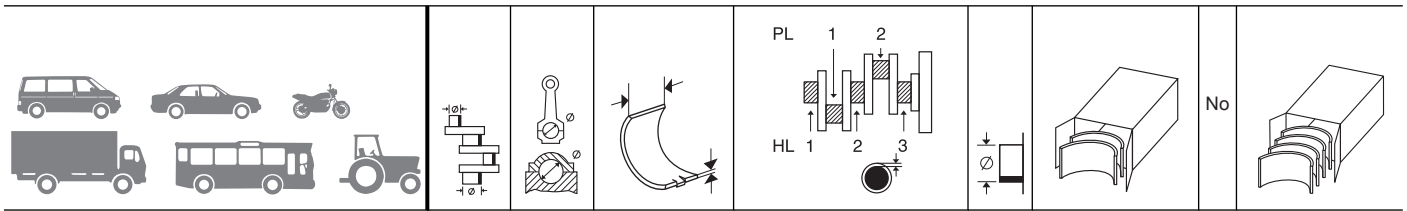


PL 19931



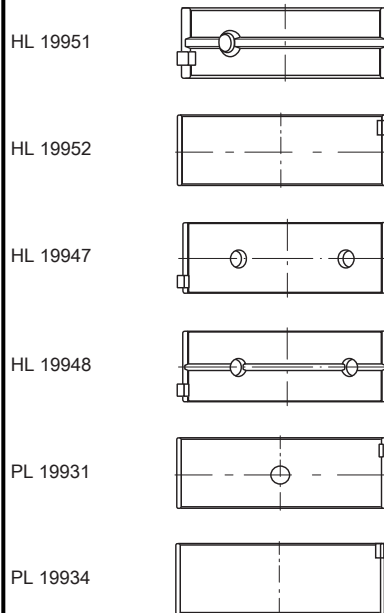
PL 19934





Ø 75 28

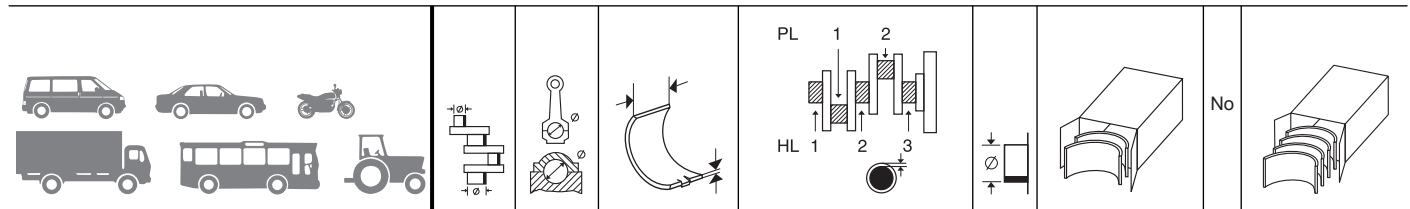
KDY (TU3M) R 4 Benzin, 1361 cm³, 55 - 58 kW (75 - 79 PS), 9,3:1, 8 Ventile 106 I 1.4 205 I 1.4 CJ 205 II 1.4 309 I 1.4 309 II 1.4 KFW (TU3A) R 4 Benzin, 1360 cm³, 55 kW (75 PS), 10,2:1, 8 Ventile 206+ 1.4 I	09/1991...04/1996	55,250 55,500	71,450 71,700		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	05/1991...12/1994	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
	07/1988...09/1998	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	03/1989...07/1989	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
	07/1989...12/1993	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	01/2009...	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
		44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300	PL 19931	4	039 PS 19941 000 030
		44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050



Ø 75 29.1

KFT (TU3A), KfV (TU3A) R 4 Benzin, 1360 cm³, 54 - 55 kW (73 - 75 PS), 9,3:1, 8 Ventile 206+ 1.4 I 206 1.4 207 1.4 BIPPER 1.4 PARTNER 1.4	01/2009... 07/2002...	55,250 55,500	71,450 71,700		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	02/2006...12/2007	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
	02/2008... 11/2002...10/2006	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
		49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
		49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
		49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	

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Ø 75 - Fortsetzung / Continued

29.2

KFT (TU3A), KfV (TU3A) R 4 Benzin, 1360 cm³, 54 - 55 kW (73 - 75 PS), 9,3:1, 8 Ventile 206+ 1.4 I 206 1.4 207 1.4 BIPPER 1.4 PARTNER 1.4	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4	039 PS 19941 000 030
	44,991	48,671				0,081		0,300			
	HL 19951										
	HL 19952										
	HL 19947										
	HL 19948										
PL 19931											

Ø 75

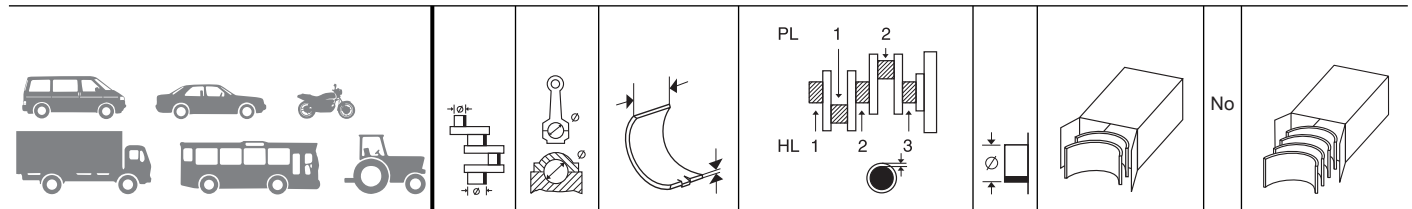
30

KFU (ET3J4), TU 3 JP R 4 Benzin, 1361 cm³, 55 kW (75 PS), 10,2:1, 16 Ventile 1007 1.4 206 1.4 207 1.4 307 1.4	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010	
	55,500	71,700						0,100				
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3		039 HS 19969 000
	49,981	53,674				0,070						
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2		
	49,981	53,674				0,070						
44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4	039 PS 19941 000 030		
44,991	48,671				0,081		0,300					
HL 19947												
HL 19948												
PL 19931												

Ø 75

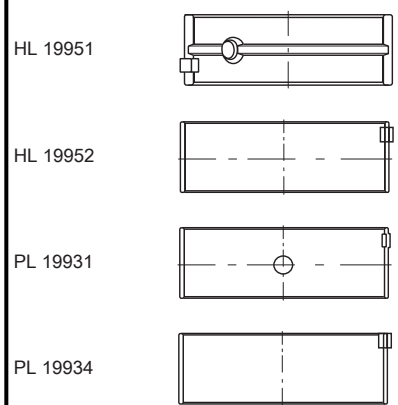
31

KfV (TU3JP) R 4 Benzin, 1361 cm³, 55 kW (75 PS), 10,2:1, 8 Ventile 1007 1.4 206 1.4 LPG	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010	
	55,500	71,700						0,100				
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2		039 HS 19965 030
	49,981	53,674				0,070						
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3		
	49,981	53,674				0,070						
44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4	039 PS 19941 000 030		
44,991	48,671				0,081		0,300					
HL 19951												
HL 19952												
PL 19931												



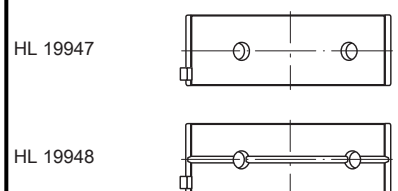
Ø 75 32

KFW (TU3JP), KFX (TU3JP) R 4 Benzin, 1361 cm³, 49 - 75 kW (67 - 102 PS), 10,2:1, 8 Ventile 106 II 1.4 I 205 II 1.4 206 1.4 206 1.4 I 306 1.4 307 1.4 PARTNER 1.4 PARTNER 1.4 BIFUEL	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700									010
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674									
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674									
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19931	4	039 PS 19941 000
	44,991	48,671				0,081		0,300			030
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			030 050



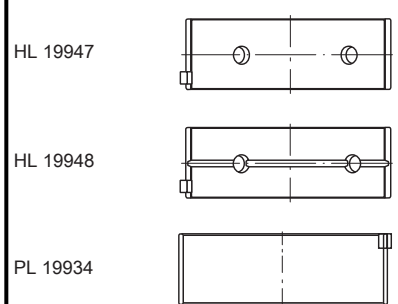
Ø 75 33

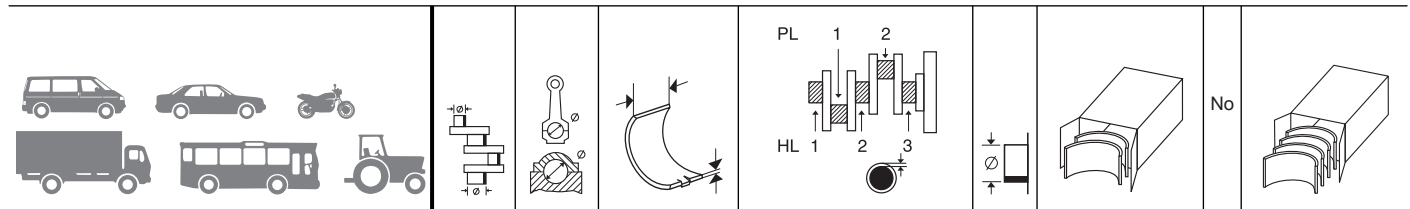
TU24 R 4 Benzin, 1294 cm³, 74 - 76 kW (101 - 103 PS), 9,6:1, 8 Ventile 205 II 1.3 10/1987...10/1990	55,250	71,450		2,50			M250	0,100	AL 19960	2	039 AS 19964 010
	55,500	71,700									
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
TU32 R 4 Benzin, 1361 cm³, 51 - 55 kW (70 - 75 PS), 9,3:1, 8 Ventile 205 II 1.4 PARTNER 1.4 08/1990...07/1998 06/1996...	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					



Ø 75 34

TU 3.2 TR/K R 4 Benzin, 1361 cm³, 51 - 52 kW (69 - 71 PS), 9:1	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					
	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			030 050

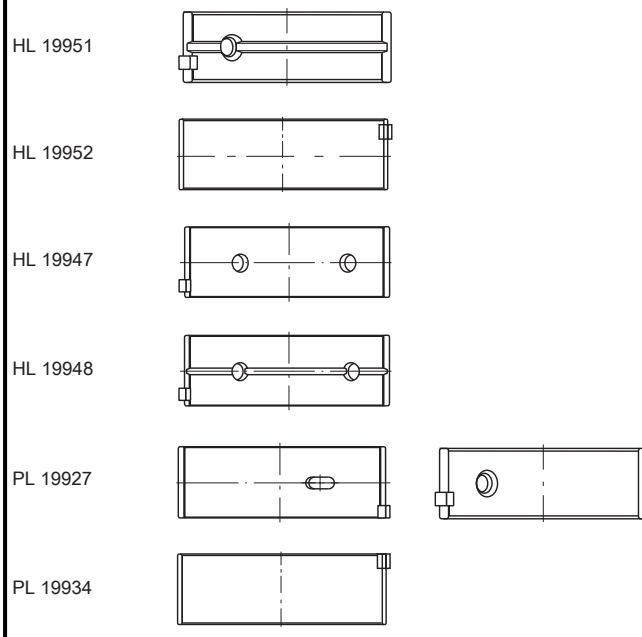




Ø 75

35

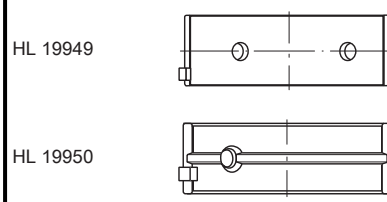
XY 7 R 4 Benzin, 1361 cm³, 44 - 49 kW (60 - 67 PS), 9,3:1	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3	
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
49,981	53,674				0,070						
49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2		
49,981	53,674				0,070						
37,992	41,128	16,300	1,548	1.-4.	0,024	M157	0,000	PL 19927	4	039 PS 19937 000	
38,008	41,144				0,081					030	
44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000	
44,991	48,671				0,081					030	
								0,500			050



Ø 77

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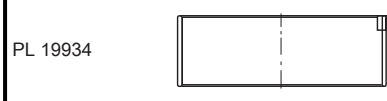
VJX (TUD5), VJY (TUD5) R 4 Diesel, 1527 cm³, 40 kW (54 PS), 23:1, 8 Ventile 106 I 1.5 D 106 II 1.5 D	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000
	55,500	71,700						0,100			010
	49,962	53,712	17,290	1,854	2.3.4.	0,023	M157	0,000	HL 19949	3	039 HS 19971 000
	49,981	53,731				0,086					
49,962	53,712	17,290	1,854	1.5.	0,023	M157	0,000	HL 19950	2		
49,981	53,731				0,086						



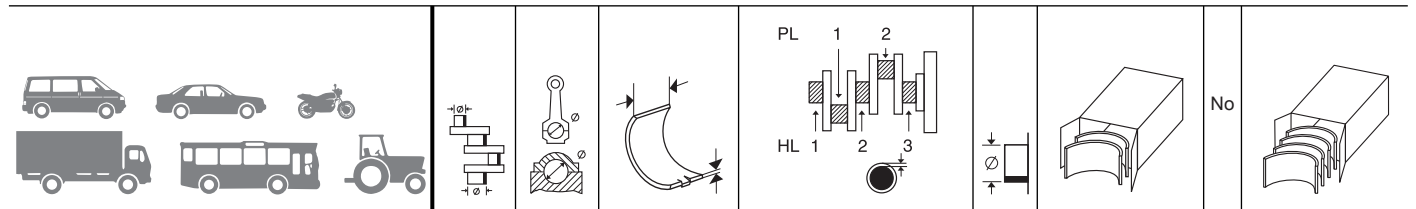
Ø 78

37.1

XK5 R 4 Benzin, 1127 cm³, 43 kW (58 PS), 8,8:1 204 1.1 304 1.1 305 II 1.1	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			030
								0,500			050



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Ø 78 - Fortsetzung / Continued

37.2

XL5, XL5S R 4 Benzin, 1290 cm³, 44 - 55 kW (60 - 75 PS), 8,8:1, 8 Ventile 304 1.3 305 I 1.3 09/1970...10/1980 11/1977...09/1982	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050
	44,991	48,671				0,081		0,300			
XR 5, XR 5 S R 4 Benzin, 1472 cm³, 49 - 63 kW (67 - 86 PS), 9,2:1	PL 19934										

Ø 78,5

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NFR (TU5JP4B), NFT, NFU (TU5JP4), NFW (TU5J2), NFX (TU5J4), NFY (TU5J2), NFZ (TU5JP) R 4 Benzin, 1587 cm³, 65 - 87 kW (88 - 118 PS), 9,6:1 - 11:1, 16 Ventile 1007 1.6 106 I 1.6 106 II 1.6 I 206+ 1.6 206 1.6 206 1.6 I 207 1.6 306 1.6 307 1.6 307 1.6 BIOFLEX 308 1.6 BIOFLEX 405 II 1.6 PARTNER 1.6 04/2005... 06/1993...04/1996 05/1996... 07/2010... 09/2000...03/2007 09/1998...12/2000 02/2006... 05/1993...04/2002 08/2000...03/2005 09/2007... 04/2008...03/2009 08/1992...05/1997 09/2000...04/2008	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000 010	
	49,962	53,712	17,290	1,854	2.3.4.	0,023	M157	0,000	HL 19949	3		039 HS 19971 000
	49,981	53,731				0,086						
1007 1.6 106 I 1.6 106 II 1.6 I 206+ 1.6 206 1.6 206 1.6 I 207 1.6 306 1.6 307 1.6 307 1.6 BIOFLEX 308 1.6 BIOFLEX 405 II 1.6 PARTNER 1.6 04/2005... 06/1993...04/1996 05/1996... 07/2010... 09/2000...03/2007 09/1998...12/2000 02/2006... 05/1993...04/2002 08/2000...03/2005 09/2007... 04/2008...03/2009 08/1992...05/1997 09/2000...04/2008	49,962	53,712	17,290	1,854	1.5.	0,023	M157	0,000	HL 19950	2		
TU 5 F R 4 Benzin, 1586 cm³, 65 kW (88 PS)	HL 19949 HL 19950											

Ø 78,5

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TU 5 JP R 4 Benzin, 1587 cm³, 65 kW (88 PS), 10,2:1, 8 Ventile	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050
	44,991	48,671				0,081		0,300			
	PL 19934										

Ø 80

40

161A (XUD7), A9A (XUD7) R 4 Diesel, 1769 cm³, 43 - 44 kW (58 - 60 PS), 23:1, 8 Ventile 205 I 1.7 D 205 I 1.8 D 205 II 1.7 DIESEL 305 II 1.8 D 306 1.8 D 309 II 1.8 D PARTNER 1.8 D 08/1983...10/1987 02/1983...07/1990 07/1987...09/1998 11/1982...12/1988 04/1993...05/2001 07/1989...12/1993 06/1996...02/1998	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000		
	67,300	83,300											
	25,007	27,000	24,050					M114	Semi	BB 18760		4	039 BS 18761 300
	25,020	27,021											
205 I 1.7 D 205 I 1.8 D 205 II 1.7 DIESEL 305 II 1.8 D 306 1.8 D 309 II 1.8 D PARTNER 1.8 D 08/1983...10/1987 02/1983...07/1990 07/1987...09/1998 11/1982...12/1988 04/1993...05/2001 07/1989...12/1993 06/1996...02/1998	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000 030		
50,000	53,708				0,089		0,300						

Ø 80

41

A8A R 4 Diesel, 1769 cm³, 66 kW (90 PS), 22,5:1	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000 030
	50,000	53,708				0,092		0,300			
	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	
28,020	30,281	24,050	1,43								

Ø 80

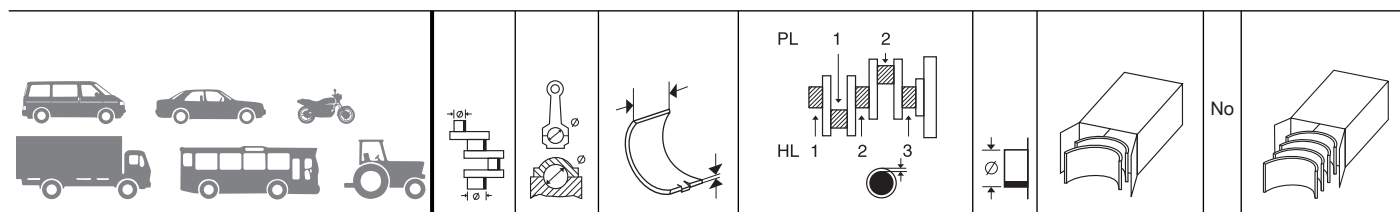
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A8A (XUD7TE), XUD7T R 4 Diesel, 1769 cm³, 58 kW (79 PS), 22:1, Turbo, 8 Ventile 205 II 1.8 XDT 405 I 1.8 TURBO DIESEL 08/1990...05/1997 03/1988...12/1992	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000 030	
	50,000	53,708				0,092		0,300				
	25,007	27,000	24,050				M114	Semi	BB 18760	4		039 BS 18761 300
	25,020	27,021										
205 II 1.8 XDT 405 I 1.8 TURBO DIESEL 08/1990...05/1997 03/1988...12/1992	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300	
28,020	30,281	24,050	1,43									

Ø 80

43

A8B (XUD7TE) R 4 Diesel, 1769 cm³, 57 kW (78 PS), 22:1, Turbo, 8 Ventile 205 II 1.7 TD 309 II 1.8 TD 01/1990...09/1998 08/1989...12/1993	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000 030
	50,000	53,708				0,092		0,300			



Ø 80 **44**

AJZ (XUD7TEY) R 4 Diesel, 1769 cm³, 66 kW (90 PS), 22,5:1 405 I 1.8 TURBO DIESEL 03/1988...12/1992	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000
	50,000	53,708				0,092		0,300			030
	25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	25,020	27,021									

Ø 80 **45**

XUD 7 A R 4 Diesel, 1769 cm³, 43 - 44 kW (58 - 60 PS), 23:1	25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	25,020	27,021									
	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000
	50,000	53,708				0,089		0,300			030

Ø 82,2 **46**

WJY (DW8B), WJZ (DW8) R 4 Diesel, 1868 cm³, 51 kW (69 PS), 23:1, 8 Ventile 206 1.9 D 09/1998...05/2007 306 1.9 D 09/1998...04/2002 306 VAN 1.9 D 02/1999...08/2002 EXPERT 1.9 D 12/1998... PARTNER 1.9 D 06/1996...08/2005	25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	25,020	27,021									
	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000
	50,000	53,708				0,089		0,300			030

Ø 83 **47**

159 (XU9S), D2B (XU9S), D2C (XU92C (ohne KAT)) R 4 Benzin, 1905 cm³, 70 - 75 kW (96 - 102 PS), 9,2:1 - 9,3:1, 8 Ventile 305 II 1.9 10/1982...10/1987 309 I 1.9 10/1985...07/1989 171 (XU5S), 180A (XU5J), 180Z (XU5J), B1A (XU51C), B1E (XU51C), B6B (XU5J) R 4 Benzin, 1580 cm³, 53 - 76 kW (72 - 104 PS), 9,3:1 - 9,8:1, 8 Ventile 205 I 1.6 08/1986...10/1987 205 I 1.6 CTI 04/1986...10/1990 205 I 1.6 GTI 12/1984...10/1987 205 II 1.6 10/1987...09/1998 205 II 1.6 GTI 10/1987...12/1989 305 II 1.6 10/1982...12/1988 305 II BREAK 1.6 11/1982...12/1988 309 I 1.6 10/1985...07/1989 405 I 1.6 07/1987...12/1992	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									

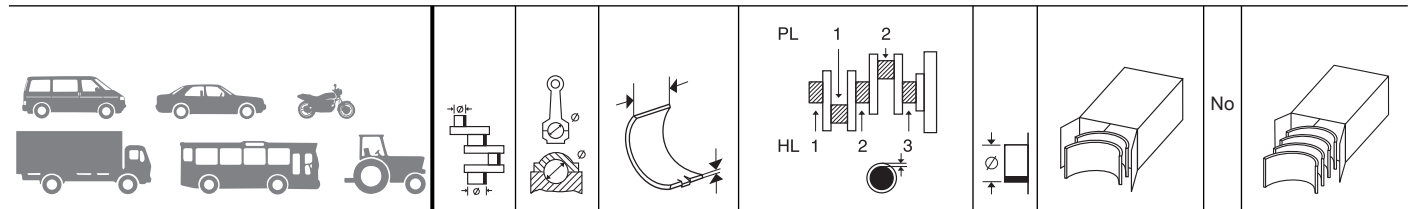
Ø 83 **48**

162 (XUD9), D9A (XUD9), D9B (XUD9A), D9B (XUD9AU), DJY (XUD9A) R 4 Diesel, 1905 cm³, 47 - 51 kW (64 - 70 PS), 23:1 - 23,5:1, 8 Ventile 305 II 1.9 D 10/1982...07/1988 305 II 1.9 DIESEL 10/1982...12/1988 306 1.9 D 06/1994...04/2002 309 I 1.9 D 06/1986...07/1989 309 II 1.9 D 07/1989...12/1993 405 I 1.9 D 03/1988...12/1992 405 II 1.9 D 06/1994...10/1996 BOXER 1.9 D 03/1994...04/2002 EXPERT 1.9 D 02/1996... J5 1.9 D 10/1990...03/1994 PARTNER 1.9 D 05/1996...12/1998	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000
	50,000	53,708				0,089		0,300			030

Ø 83 **49.1**


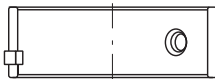
BAZ (XU5CP), BDY (XU5M2Z), BDY (XU5M3Z), BDZ (XU5M), BFZ (XU5JP) R 4 Benzin, 1580 cm³, 54 - 71 kW (74 - 97 PS), 9:1 - 9,3:1 205 I 1.6 08/1986...12/1994 205 II 1.6 10/1987...09/1998 305 II 1.6 11/1986...12/1988 309 I 1.6 KAT 09/1986...12/1989 309 II 1.6 07/1989...12/1993 405 I 1.6 07/1987...12/1992 405 I 1.6 SRI 04/1988...07/1992 405 II 1.6 08/1992...10/1996 406 1.6 11/1995...05/2004	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									

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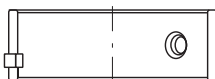

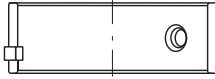


Ø 83 - Fortsetzung / Continued

49.2

BAZ (XU5CP), BDY (XU5M2Z), BDY (XU5M3Z), BDZ (XU5M), BFZ (XU5JP) R 4 Benzin, 1580 cm³, 54 - 71 kW (74 - 97 PS), 9:1 - 9,3:1 205 I 1.6 205 II 1.6 305 II 1.6 309 I 1.6 KAT 309 II 1.6 405 I 1.6 405 I 1.6 SRI 405 II 1.6 406 1.6	59,990 60,000	63,718 63,727	20,290	1,845	1.-5.	0,028 0,072	M810	0,000 0,300	HL 19953	5	039 HS 19970 000 030
	59,990 60,000	63,718 63,727	20,290	1,845	1.-5.	0,028 0,072	M810	0,000 0,300	HL 19954	5	
08/1986...12/1994 10/1987...09/1998 11/1986...12/1988 09/1986...12/1989 07/1989...12/1993 07/1987...12/1992 04/1988...07/1992 08/1992...10/1996 11/1995...05/2004	HL 19953  HL 19954 										

Ø 83

50

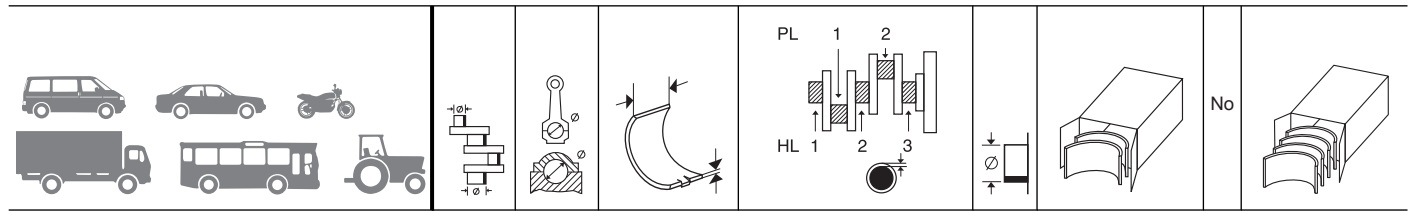
D2A (XU92C), D6A (XU9J2) R 4 Benzin, 1905 cm³, 75 - 92 kW (102 - 125 PS), 8,4:1 - 9,3:1, 8 Ventile 205 II 1.9 GTI 405 I 1.9	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000	
	59,990 60,000	63,718 63,727	20,290	1,995	2.-5.	0,028 0,072	M810	0,300	HL 19953	4		039 HS 19968 030
	59,990 60,000	63,718 63,727	20,290	1,995	1.	0,028 0,072	M810	0,300	HL 19954	1		
	59,990 60,000	63,718 63,727	20,290	1,845	1.-5.	0,028 0,072	M810	0,000 0,300	HL 19953	5		039 HS 19970 000 030
	59,990 60,000	63,718 63,727	20,290	1,845	1.-5.	0,028 0,072	M810	0,000 0,300	HL 19954	5		
	49,984 50,000	53,695 53,708	20,250	1,836		0,023 0,077	M810	0,000 0,300	PL 19928	4		039 PS 19938 000 030
	49,984 50,000	53,695 53,708	20,250	1,842		0,020 0,065	M810	0,000 0,300	PL 19936	4		
	44,975 44,990	48,655 48,676	22,250 22,500	1,813 1,819		0,030 0,054	M157	0,000	PL 20739	4		039 PS 20740 000
	HL 19953  HL 19954  HL 19953  HL 19954  PL 19928  PL 20739 											

Ø 83

51.1

D2C (XU92C (U-KAT)) R 4 Benzin, 1905 cm³, 70 kW (76 PS), 9,3:1, 8 Ventile 405 I 1.9	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000	
	59,990 60,000	63,718 63,727	20,290	1,995	2.-5.	0,028 0,072	M810	0,300	HL 19953	4		039 HS 19968 030
	59,990 60,000	63,718 63,727	20,290	1,995	1.	0,028 0,072	M810	0,300	HL 19954	1		

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Ø 83 - Fortsetzung / Continued

51.2

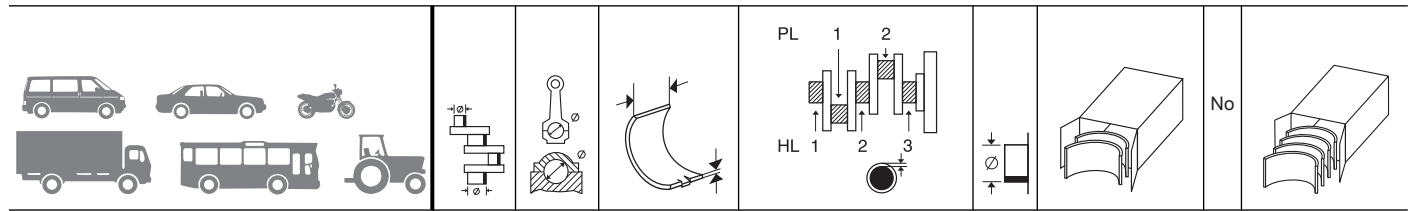
D2C (XU92C (U-KAT)) R 4 Benzin, 1905 cm³, 70 kW (76 PS), 9,3:1, 8 Ventile 405 I 1.9 07/1987...12/1992	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000 030
	60,000	63,727				0,072		0,300			
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5	
	60,000	63,727				0,072		0,300			
	49,984	53,695	20,250	1,836		0,023	M810	0,000	PL 19928	4	039 PS 19938 000 030
	50,000	53,708				0,077		0,300			
	44,975	48,655	22,250	1,813		0,030	M157	0,000	PL 20739	4	039 PS 20740 000 030
	44,990	48,676	22,500	1,819		0,054					
HL 19953											
HL 19954											
HL 19953											
HL 19954											
PL 19928											
PL 20739											

Ø 83

52.1

D6B (XU9JA (G-KAT)), D6B (XU9JA (ohne KAT)), D6C (XU9J4), DDZ (XU9M), DFW (XU9J4Z), DFZ (XU9J1), DKZ (XU9JAZ) R 4 Benzin, 1905 cm³, 72 - 118 kW (98 - 160 PS), 8 Ventile 205 I 1.9 CTI 205 I 1.9 GTI 205 II 1.9 GTI 205 II 1.9 GTI KAT 305 I 1.9 309 I 1.9 309 I 1.9 GTI 309 II 1.9 309 II 1.9 GTI 405 I 1.9 405 I 1.9 I	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000 030
	67,300	83,300									
	59,990	63,718	20,290	1,995	2.-5.	0,028	M810	0,300	HL 19953	4	039 HS 19968 030 030
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,995	1.	0,028	M810	0,300	HL 19954	1	
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000 030
	60,000	63,727				0,072		0,300			
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5	
	60,000	63,727				0,072		0,300			
	49,984	53,695	20,250	1,842		0,020	M810	0,000	PL 19936	4	039 PS 19945 000 030
	50,000	53,708				0,065		0,300			

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Ø 83 - Fortsetzung / Continued

52.2

D6B (XU9JA (G-KAT)), D6B (XU9JA (ohne KAT)), D6C (XU9J4), DDZ (XU9M), DFW (XU9J4Z), DFZ (XU9J1), DKZ (XU9JAZ) R 4 Benzin, 1905 cm³, 72 - 118 kW (98 - 160 PS), 8 Ventile	44,975 44,990	48,655 48,676	22,250 22,500	1,813 1,819		0,030 0,054	M157	0,000	PL 20739	4	039 PS 20740 000
205 I 1.9 CTI 205 I 1.9 GTI 205 II 1.9 GTI 205 II 1.9 GTI KAT 305 II 1.9 309 I 1.9 309 I 1.9 GTI 309 II 1.9 309 II 1.9 GTI 405 I 1.9 405 I 1.9 I	08/1987...12/1994 10/1986...10/1987 10/1987...09/1998 10/1987...07/1994 11/1986...12/1988 03/1986...07/1989 10/1986...07/1989 08/1989...12/1993 07/1989...12/1993 06/1987...12/1992 07/1987...11/1991	HL 19953 HL 19954 HL 19953 HL 19954 PL 20739									

Ø 83

53

D8B (XUD9TE), XUD9TE R 4 Diesel, 1905 cm³, 66 - 69 kW (90 - 94 PS), 21,8:1, Turbo, LLK, 8 Ventile	49,984 50,000	53,695 53,708	20,000 24,050	1,828		0,039 0,092	M114	0,000 0,300	PL 18020	4	007 PS 18021 000 030
806 1.9 TD BOXER 1.9 TD EXPERT 1.9 TD	05/1997...08/2002 03/1996...04/2002 02/1996...	25,007 25,020 28,007 28,020	27,000 27,021 30,202 30,281	24,050 23,550 24,050	 1,38 1,43		M114 M100	Semi	BB 18760 BB 20287	4	039 BS 18761 300 039 BS 20288 300

Ø 83

54

D8C (XUD9AU), DJZ (XUD9Y), XUD9, Euro 2 R 4 Diesel, 1905 cm³, 47 - 52 kW (64 - 71 PS), 23:1 - 23,5:1, 8 Ventile	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
205 II 1.9 D 306 1.9 D 306 1.9 STD 309 II 1.9 D 405 I 1.9 D 405 II 1.9 D BOXER PRITSCHER/ FAHRGESTELL 1.9 D PARTNER 1.9 D	10/1987...09/1998 05/1993...05/2001 02/1994...10/1995 07/1989...12/1993 07/1988...09/1992 07/1992...10/1996 03/1994...04/2002 05/1996...12/1998	25,007 25,020 49,984 50,000	27,000 27,021 53,695 53,708	24,050 20,050 1,83			M114 M157	Semi 0,000 0,300	BB 18760 PL 18030	4	039 BS 18761 300 039 PS 18037 000 030

Ø 83

55

D8C (XUD9UTF), XUD 9 BTF R 4 Diesel, 1905 cm³, 66 kW (90 PS), 21,8:1	49,984 50,000	53,695 53,708	20,000 24,050	1,828		0,039 0,092	M114	0,000 0,300	PL 18020	4	007 PS 18021 000 030
BOXER 1.9 TD	03/1994...04/2002	28,007 28,020	30,202 30,281	23,550 24,050	1,38 1,43		M100	Semi	BB 20287	4	039 BS 20288 300

Ø 83

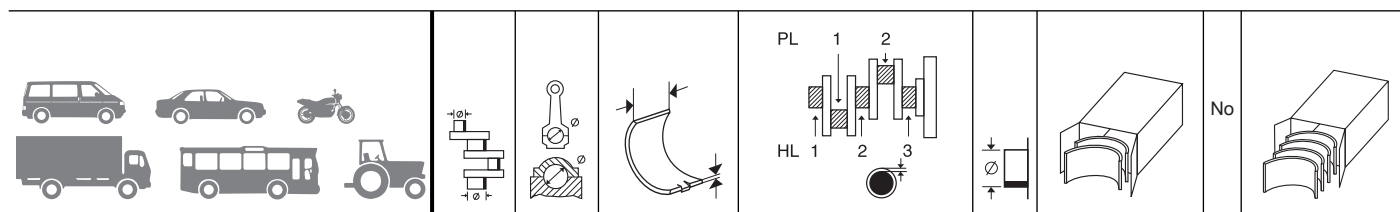
56

DHV (XUD9BSD), XUD 9 ATF, XUD 9 SE R 4 Diesel, 1905 cm³, 55 - 68 kW (75 - 92 PS), 21,5:1 - 21,8:1, Turbo, LLK, 8 Ventile	49,984 50,000	53,695 53,708	20,000	1,828		0,039 0,092	M114	0,000 0,300	PL 18020	4	007 PS 18021 000 030
306 1.9 D	03/1998...04/2002										

Ø 83

57

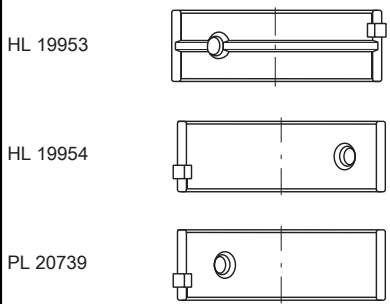
DHW (XUD9SD) R 4 Diesel, 1905 cm³, 55 kW (75 PS), 23:1, 8 Ventile	49,984 50,000	53,695 53,708	20,000	1,828		0,039 0,092	M114	0,000 0,300	PL 18020	4	007 PS 18021 000 030
406 1.9 D	10/1996...10/2004	25,007 25,020	27,000 27,021	24,050			M114	Semi	BB 18760	4	039 BS 18761 300



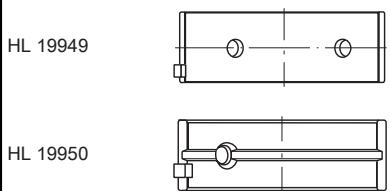
Ø 83												58
DHX (XUD9TE) R 4 Diesel, 1905 cm³, 66 - 68 kW (90 - 92 PS), 21,8:1, 8 Ventile 406 1.9 TD 806 1.9 TD EXPERT 1.9 TD	49,984	53,695	20,000	1,828			0,039	M114	0,000	PL 18020	4	007 PS 18021 000
	50,000	53,708					0,092		0,300			030 <small>01/1997...</small>
	25,007	27,000	24,050					M114	Semi	BB 18760	4	039 BS 18761 300 <small>01/1997...</small>
	25,020	27,021										
	28,007	30,202	23,550	1,38				M100	Semi	BB 20287	4	039 BS 20288 300 <small>01/1997...</small>
	28,020	30,281	24,050	1,43								

Ø 83												59
DHY (XUD9TE), XU9 TE, XUD 9 BTF L3, XUD 9 STD R 4 Diesel, 1905 cm³, 66 - 68 kW (90 - 92 PS), 21,8:1, 8 Ventile 306 1.9 DT 405 II 1.9 TD 406 1.9 TD BOXER 1.9 TD	28,007	30,202	23,550	1,38				M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43								

Ø 83												60
LFW (XU7JP), LFX (XU7JB), LFY (XU7JP4), LFZ (XU7JP) R 4 Benzin, 1761 cm³, 66 - 81 kW (90 - 110 PS), 8 Ventile 306 1.8 306 1.8 ST 405 II 1.8 406 1.8 806 1.8 EXPERT 1.8 PARTNER 1.8	67,050	83,050		2,33				M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300										
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000	
	60,000	63,727				0,072		0,300				030
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5		
	60,000	63,727				0,072		0,300				
	44,975	48,655	22,250	1,813		0,030	M157	0,000	PL 20739	4	039 PS 20740 000	
	44,990	48,676	22,500	1,819		0,054						

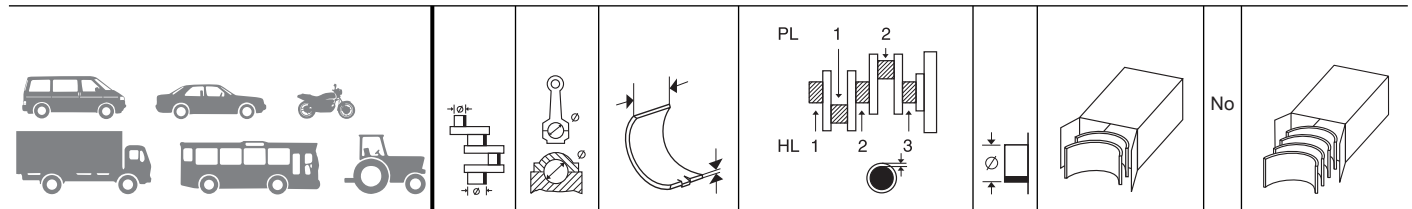


Ø 83												61
XU 5 F R 4 Benzin, 1583 cm³, 65 kW (88 PS)	55,250	71,450		2,45			M250	0,000	AL 19960	2	039 AS 19964 000	
	55,500	71,700						0,100			010	
	49,962	53,712	17,290	1,854	2.3.4.	0,023	M157	0,000	HL 19949	3	039 HS 19971 000	
	49,981	53,731				0,086						
	49,962	53,712	17,290	1,854	1.5.	0,023	M157	0,000	HL 19950	2		
	49,981	53,731				0,086						



Ø 83												62.1
XU 7 JP 4 R 4 Benzin, 1761 cm³, 66 - 81 kW (90 - 110 PS), 10,4:1, 4 Ventile	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000	
	60,000	63,727				0,072		0,300			030	
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5		
	60,000	63,727				0,072		0,300				

Fortsetzung nächste Seite / Continued on next page



Ø 83 - Fortsetzung / Continued

62.2

XU 7 JP 4 R 4 Benzin, 1761 cm ³ , 66 - 81 kW (90 - 110 PS), 10,4:1, 4 Ventile	44,975	48,655	22,250	1,813		0,030	M157	0,000	PL 20739	4	039 PS 20740 000
	44,990	48,676	22,500	1,819		0,054					
HL 19953											
HL 19954											
PL 20739											

Ø 83

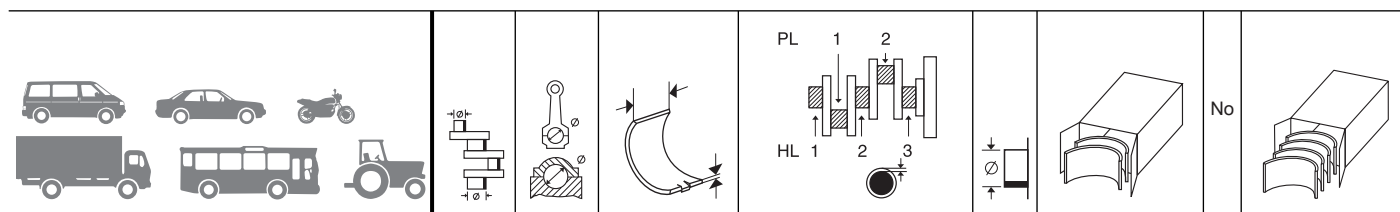
63

XU 92 C R 4 Benzin, 1905 cm ³ , 73 - 95 kW (99 - 129 PS), 10:1	59,990	63,718	20,290	1,995	2.-5.	0,028	M810	0,300	HL 19953	4	039 HS 19968 030
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,995	1.	0,028	M810	0,300	HL 19954	1	
	60,000	63,727				0,072					
	59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19953	5	039 HS 19970 000 030
	60,000	63,727				0,072		0,300			
59,990	63,718	20,290	1,845	1.-5.	0,028	M810	0,000	HL 19954	5		
60,000	63,727				0,072		0,300				
49,984	53,695	20,250	1,836		0,023	M810	0,000	PL 19928	4	039 PS 19938 000 030	
50,000	53,708				0,077		0,300				
44,975	48,655	22,250	1,813		0,030	M157	0,000	PL 20739	4	039 PS 20740 000	
44,990	48,676	22,500	1,819		0,054						
HL 19953											
HL 19954											
HL 19953											
HL 19954											
PL 19928											
PL 20739											

Ø 83

64

XUD 9 UTF R 4 Diesel, 1905 cm ³ , 68 kW (92 PS), 21.8:1, Turbo, LLK	25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	25,020	27,021									
	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
28,020	30,281	24,050	1,43								
49,984	53,695	20,050	1,83			0,035	M157	0,000	PL 18030	4	039 PS 18037 000 030
50,000	53,708					0,089		0,300			

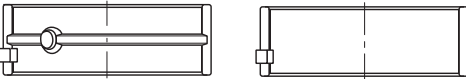



Ø 84											65
105 (XM7), 169B (XM7T), XM7, XM 7 A, XM7P R 4 Benzin, 1796 cm³, 48 - 60 kW (65 - 82 PS), 7,5:1, 8 Ventile 504 1.8 505 1.8 J5 1.8 J7 1.8	49,975	53,655	23,400	1,812		0,028	M157	0,000	PL 10067	4	039 PS 10066 000 030 050
	49,991	53,674		1,818		0,075		0,300 0,500			

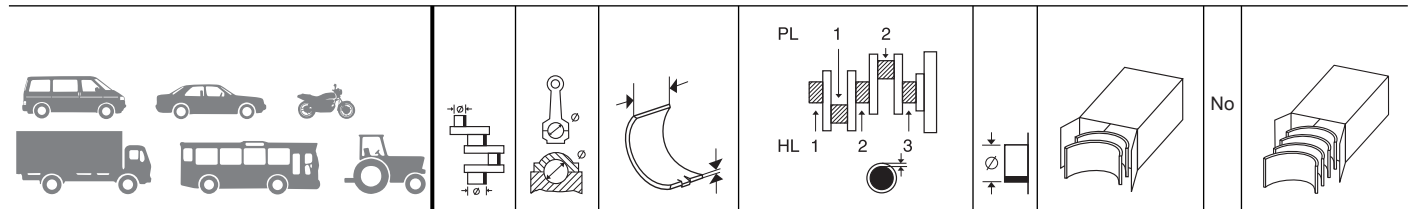
Ø 85											66
4HK (DW12MTED4), 4HL (DW12C), 4HN (DW12MTED4), 4HR (DW12BTED4), 4HS (DW12BTED4), 4HT (DW12BTED4), 4HW (DW12BTED4) R 4 Diesel, 2179 cm³, 94 - 150 kW (128 - 204 PS), 16 Ventile 4007 2.2 HDI 407 2.2 HDI 508 2.2 HDI 807 2.2 HDI 02/2007... 05/2006... 11/2010... 06/2006...	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			
RHH (DW10CTED4), RHO (DW10DTE4), RHR (DW10BTED4) R 4 Diesel, 1997 cm³, 100 - 110 kW (136 - 150 PS), 16:1 - 17,6:1, 16 Ventile 3008 2.0 HDI 3008 2.0 HDI HYBRID 4 307 2.0 HDI 308 2.0 HDI 407 2.0 HDI 5008 2.0 HDI 508 2.0 HDI 607 2.0 HDI 807 2.0 HDI EXPERT 2.0 HDI RCZ 2.0 HDI 06/2009... 02/2011... 10/2003...06/2005 09/2007...04/2012 05/2004...07/2009 09/2009... 11/2010... 09/2005... 07/2006...06/2009 01/2007...09/2009 03/2010...	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									

Ø 85											67	
4HX (DW12TED4/FAP), 4HZ (DW12TED4) R 4 Diesel, 2179 cm³, 94 - 100 kW (128 - 136 PS), 18:1, Turbo, LLK, 16 Ventile 406 2.2 HDI 607 2.2 HDI 807 2.2 HDI 03/2000...12/2004 02/2000... 06/2002...	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030	
	60,000	63,750	20,290	1,845		0,103		0,300				
	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4		007 PS 18021 000 030
	50,000	53,708				0,092		0,300				
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000	
	67,300	83,300										
	59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000 030	
	60,000	63,741	19,490	1,856				0,300				

Ø 85											68
DW 10 AFAP, DW 10 ATE, DW 10 ATED.L3, .L4, DW 10 TD.L3, .L4, DW 10 UTD, DW 10 UTD.E3, RHZ (DW10BTED) R 4 Diesel, 1997 cm³, 63 - 80 kW (86 - 109 PS), 17,6:1 - 18:1	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							
	59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000 030
	60,000	63,741	19,490	1,856				0,300			

Ø 85											69
P8C (XUD11BTE) R 4 Diesel, 2088 cm³, 80 kW (109 PS), 21,5:1, Turbo, LLK, 12 Ventile 406 2.1 TD 605 2.1 TD 806 2.1 TD 01/1996...10/2004 08/1994...09/1999 06/1996...08/1999	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			
	49,984	53,695	21,950	1,843		0,020	M810	0,000	PL 19933	4	039 PS 19946 000 030
	50,000	53,708				0,064		0,300			
	HL 18018 										
	PL 19933 										

Ø 85											70
PHZ (XUD11ATE) R 4 Diesel, 2088 cm³, 80 kW (109 PS), 21,5:1, Turbo, LLK, 12 Ventile 605 2.1 TD 06/1989...09/1999	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000 030
	60,000	63,750	20,290	1,845		0,103		0,300			



Ø 85 **71**

RHK (DW10UTED4), RHM (DW10ATED4), RHS (DW10ATED), RHT (DW10ATED4), RHV (DW10TD), RHV (DW10UTD), RHX (DW10BTED), RHY (DW10TD), RHZ (DW10ATED) R 4 Diesel, 1997 cm³, 62 - 88 kW (84 - 120 PS), 17,5:1 - 18:1, 16 Ventile 206 2.0 HDI 12/1999...07/2002 306 2.0 HDI 06/1999...04/2002 307 2.0 HDI 08/2000...03/2002 406 2.0 HDI 06/1998...10/2004 607 2.0 HDI 05/2000...07/2004 806 2.0 HDI 08/1999...08/2002 807 2.0 HDI 06/2002...11/2006 BOXER 2.0 HDI 08/2001...04/2002 EXPERT 2.0 HDI 07/2000...01/2007 EXPERT 2.0 HDI 120 4X4 01/2010... PARTNER 2.0 HDI 02/2000...08/2005	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	67,050 67,300	83,050 83,300		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
28,007 28,020	30,202 30,281	23,550 24,050	1,38 1,43			M100	Semi	BB 20287	4	039 BS 20288 300	
59,991 60,000	63,731 63,741	19,240 19,490	1,85 1,856			M157	0,000 0,300	HL 20281	5	039 HS 20282 000 030	

Ø 85 **72**

RHW (DW10ATED4) R 4 Diesel, 1997 cm³, 79 - 80 kW (107 - 109 PS), 18:1, Turbo, LLK, 4 Ventile 806 2.0 HDI 08/1999...08/2002 807 2.0 HDI 06/2002...05/2006 EXPERT 2.0 HDI 07/2000...	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	28,007 28,020	30,202 30,281	23,550 24,050	1,38 1,43			M100	Semi	BB 20287	4	039 BS 20288 300
59,991 60,000	63,731 63,741	19,240 19,490	1,85 1,856			M157	0,000 0,300	HL 20281	5	039 HS 20282 000 030	

Ø 86 **73**

ACAV, XU 10 J 2 R 4 Benzin, 1998 cm³, 96 kW (130 PS), 8,8:1, 4 Ventile	49,984 50,000	53,695 53,708	20,250	1,836		0,023 0,077	M810	0,000 0,300	PL 19928	4	039 PS 19938 000 030
	49,984 50,000	53,695 53,708	21,950	1,843		0,027 0,081	M810	0,000 0,300	PL 19929	4	039 PS 19939 000 030
PL 19928											
PL 19929											

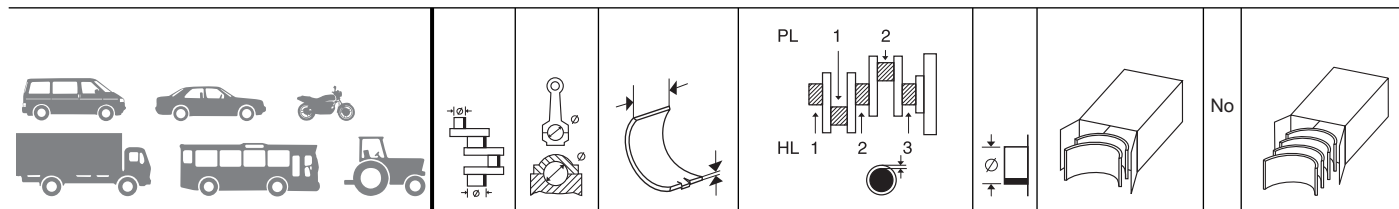
Ø 86 **74**

P9A (XUD11A) R 4 Diesel, 2138 cm³, 60 kW (82 PS), 22,5:1, 12 Ventile 605 2.1 D 06/1989...07/1995	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	49,984 50,000	53,695 53,708	21,950	1,843		0,020 0,064	M810	0,000 0,300	PL 19933	4	039 PS 19946 000 030
RGX (XU10J2TE), RGY (XU10J2TE) R 4 Benzin, 1998 cm³, 104 kW (141 PS), 8:1, Turbo, 8 Ventile 406 2.0 TURBO 04/1996...10/2004 605 2.0 T 07/1991...09/1999 806 2.0 T 06/1994...08/2002	HL 18018										
PL 19933											

Ø 86 **75.1**

R5A (XU102C), RFU (XU10J2), RFW (XU10J2), RFX (XU10J2), RFZ (XU10J2Z) R 4 Benzin, 1998 cm³, 80 - 96 kW (109 - 131 PS), 8,8:1 - 9,5:1, 8 Ventile 306 2.0 ST 05/1993...04/2002 405 II 2.0 08/1992...10/1996 605 2.0 06/1989...09/1999 806 2.0 06/1994...08/2002 BOXER 2.0 I 03/1994...04/2002	59,981 60,000	63,731 63,750	20,040 20,290	1,838 1,845		0,041 0,103	M157	0,000 0,300	HL 18018	5	007 HS 18019 000 030
	49,984 50,000	53,695 53,708	20,250	1,836		0,023 0,077	M810	0,000 0,300	PL 19928	4	039 PS 19938 000 030

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Ø 86 - Fortsetzung / Continued

75.2

R5A (XU102C), RFU (XU10J2), RFW (XU10J2), RFX (XU10J2), RFZ (XU10J2Z) R 4 Benzin, 1998 cm³, 80 - 96 kW (109 - 131 PS), 8,8:1 - 9,5:1, 8 Ventile 306 2.0 ST 05/1993...04/2002 405 II 2.0 08/1992...10/1996 605 2.0 06/1989...09/1999 806 2.0 06/1994...08/2002 BOXER 2.0 I 03/1994...04/2002	49,984	53,695	21,950	1,843		0,027	M810	0,000	PL 19929	4	039 PS 19939 000
	50,000	53,708				0,081		0,300			030
	HL 18018										
	PL 19928										
	PL 19929										

Ø 86

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RFL (XU10J2U), RFS (XU10J4RS), RGZ (XU10J4TE/Z) R 4 Benzin, 1998 cm³, 81 - 144 kW (110 - 196 PS), 9,5:1 - 10,8:1 306 2.0 03/1996...05/2001 405 II 2.0 T 08/1992...12/1995 BOXER 2.0 04/2002...	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030

Ø 86

77

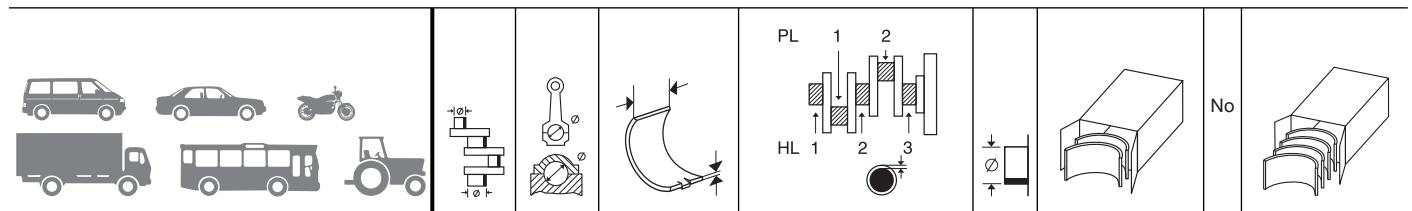
RFT (XU10J4), RFV (XU10J4R), RFY (XU10J4Z) R 4 Benzin, 1998 cm³, 97 - 114 kW (132 - 155 PS), 10,4:1 - 11:1 306 2.0 03/1997...04/2002 306 2.0 S16 05/1993...05/2001 405 II 2.0 08/1992...10/1995 406 2.0 11/1995...12/2004 605 2.0 07/1994...09/1999 806 2.0 05/1998...09/2000	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	HL 18018										
	PL 19928										
	PL 19929										
	PL 19933										

Ø 86

78.1

XU 10 TE R 4 Benzin, 1998 cm³, 144 kW (196 PS)	49,984	53,695	20,250	1,836		0,023	M810	0,000	PL 19928	4	039 PS 19938 000
	50,000	53,708				0,077		0,300			030
	49,984	53,695	21,950	1,843		0,027	M810	0,000	PL 19929	4	039 PS 19939 000
	50,000	53,708				0,081		0,300			030

Fortsetzung nächste Seite / Continued on next page



Ø 86 - Fortsetzung / Continued

78.2

XU 10 TE R 4 Benzin, 1998 cm ³ , 144 kW (196 PS)	49,984	53,695	21,950	1,843		0,020	M810	0,000	PL 19933	4	039 PS 19946 000 030
	50,000	53,708				0,064		0,300			
PL 19928											
PL 19929											
PL 19933											

Ø 88

79

106 (XN1), 107 (XN2), 170 (XN1T), 170B (XN1T), 170C (XN1TA), XN1, XN 1 A, XN1P, XN1T R 4 Benzin, 1971 cm ³ , 55 - 78 kW (75 - 107 PS), 8:1 - 8,8:1, 8 Ventile 504 2.0 01/1971...07/1986 505 2.0 11/1980...12/1985 J5 2.0 09/1981...09/1990 J9 2.0 03/1980...06/1987	49,975	53,655	23,400	1,812		0,028	M157	0,000	PL 10067	4	039 PS 10066 000 030 050
	49,991	53,674		1,818		0,075		0,300 0,500			

Ø 88

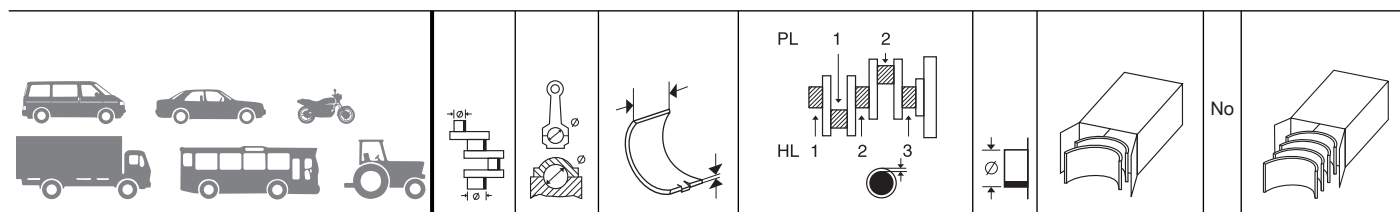
80

851 (ZDJ), 851B (ZDJL), 851X (ZDJL) R 4 Diesel, 2165 cm ³ , 84 - 90 kW (114 - 122 PS), 9,2:1 - 9,8:1 505 2.2 05/1981...12/1993 505 2.2 GTI 08/1983...12/1993	71,450	88,090		2,85			M250	0,000	AL 19989	2	021 AS 20007 000 010
	56,267	60,005	20,750	1,842		0,035	M157	0,000	PL 19978	4	
56,286	60,019				0,093						
AL 19989											
PL 19978											

Ø 88

81

XD 88, XD 90, XDP88 R 4 Diesel, 1948 cm ³ , 40 - 43 kW (55 - 60 PS), 21:1 - 21,8:1, 8 Ventile J7 1.9 D 08/1968...07/1978	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	039 HS 10075 000 050 <small>01/1981...</small>
	60,021	63,750	30,000	1,835		0,098		0,500			
	59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2	039 HS 20480 000 030 050 080
	60,021	63,750	24,000	1,835		0,098		0,500			
	54,994	58,731	21,750	1,829	2.4.	0,052	M157	0,000	HL 20478	2	
	55,009	58,750	22,000	1,835		0,098		0,300 0,500 0,800			
54,994	58,731	29,750	1,829	1.3.5.	0,052	M157	0,000	HL 20479	3	039 PS 10074 000 030 050 080 100 <small>01/1979...</small>	
55,009	58,750	30,000	1,835		0,098		0,300 0,500 0,800				
54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000 030 050 080 100	
55,021	58,750	29,000	1,845		0,092		0,300 0,500 0,800 1,000				
49,984	53,695	28,750	1,866		0,051	M157	0,100	PL 20483	4	039 PS 20484 010 030 050 080	
50,000	53,708	29,000	1,922		0,092		0,300 0,500 0,800				



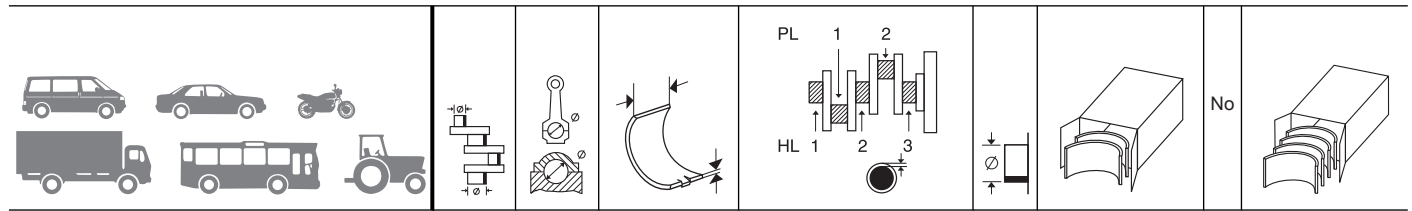
Ø 88											82
XDP 4.88 R 4 Diesel, 1948 cm³, 36 - 46 kW (49 - 63 PS), 21,8:1, 8 Ventile	54,994	58,731	21,750	1,829	2.4.	0,052	M157	0,000	HL 20478	2	039 HS 20480 000 030 050 080
	55,009	58,750	22,000	1,835				0,300			
	54,994	58,731	29,750	1,829	1.3.5.	0,052	M157	0,000	HL 20479	3	
	55,009	58,750	30,000	1,835				0,300			
	49,984	53,695	28,750	1,866		0,051	M157	0,100	PL 20483	4	039 PS 20484 010 030 050 080
	50,000	53,708	29,000	1,922		0,092		0,300			
								0,500			
								0,800			

Ø 90											83
XDP 4.90 R 4 Diesel, 2112 cm³, 43 - 55 kW (58 - 75 PS), 22,1:1, 8 Ventile	54,994	58,731	21,750	1,829	2.4.	0,052	M157	0,000	HL 20478	2	039 HS 20480 000 030 050 080
	55,009	58,750	22,000	1,835				0,300			
	54,994	58,731	29,750	1,829	1.3.5.	0,052	M157	0,000	HL 20479	3	
	55,009	58,750	30,000	1,835				0,300			
	49,984	53,695	28,750	1,866		0,051	M157	0,100	PL 20483	4	039 PS 20484 010 030 050 080
	50,000	53,708	29,000	1,922		0,092		0,300			
								0,500			
								0,800			

Ø 90											84
XDP 90 R 4 Diesel, 2112 cm³, 42 kW (57 PS), 22,1:1, 8 Ventile J7 2.1 D 08/1968...07/1977	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	039 HS 10075 000 050
	60,021	63,750	30,000	1,835				0,500			
	59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2	
	60,021	63,750	24,000	1,835				0,500			
	54,994	58,731	21,750	1,829	2.4.	0,052	M157	0,000	HL 20478	2	039 HS 20480 000 030 050 080
	55,009	58,750	22,000	1,835				0,300			
	54,994	58,731	29,750	1,829	1.3.5.	0,052	M157	0,000	HL 20479	3	
55,009	58,750	30,000	1,835				0,300				
54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000 030 050 080 100	
55,021	58,750	29,000	1,845		0,092		0,300				
49,984	53,695	28,750	1,866		0,051	M157	0,100	PL 20483	4	039 PS 20484 010 030 050 080	
50,000	53,708	29,000	1,922		0,092		0,300				
								0,500			
								0,800			

Ø 92											85
T8A (DJ5T), T9A (DJ5), THY (DK5ATE) R 4 Diesel, 2446 cm³, 63 - 95 kW (86 - 129 PS), 22:1, 12 Ventile 605 2.5 TD 07/1994...09/1999 BOXER 2.5 D 03/1994...04/2002	34,000	37,117	27,200	1,60			M100	Semi	BB 20269	4	039 BS 20270 300 039 PS 20502 000 030
	53,981	57,675	22,400	1,815		0,043	M218	0,000	PL 20501	4	
	54,000	57,695	22,650	1,821		0,094		0,300			

Ø 94											86
134 (XD2), XD2PX94, XD 94 R 4 Diesel, 2304 cm³, 46 - 53 kW (63 - 72 PS), 22,2:1 504 2.3 D 07/1975...12/1989 J9 2.3 D 03/1980...07/1982	67,000	84,750		2,30			M250	0,000	AL 18015	4	039 AS 18014 000 039 HS 10075 000 050
	67,250	85,000		2,35							
	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	
	60,021	63,750	30,000	1,835				0,500			
	59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2	
	60,021	63,750	24,000	1,835		0,098		0,500			
XD3P R 4 Diesel, 2497 cm³, 53 - 58 kW (72 - 79 PS), 23:1, 8 Ventile 504 2.5 D 08/1990...10/1999 J9 2.5 D 07/1982...06/1987	54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000 030 050 080 100
	55,021	58,750	29,000	1,845		0,092		0,300			
								0,500			
								0,800			
								1,000			
XD 3 S R 4 Diesel, 2498 cm³, 51 kW (69 PS)											



Ø 94 **87**

147 (XD2S), XD2, XD2S R 4 Diesel, 2304 cm³, 44 - 59 kW (60 - 80 PS), 21:1 - 22,2:1, 8 Ventile	67,000	84,750		2,30			M250	0,000	AL 18015	4	039 AS 18014 000
	67,250	85,000		2,35							
505 2.3 D 505 2.3 TD 604 2.3 TD	59,994 60,021	63,731 63,750	29,750 30,000	1,829 1,835	1.3.5.	0,040 0,098	M100	0,000 0,500	HL 10076	3	039 HS 10075 000 050
04/1982...06/1986 09/1980...06/1986 09/1979...05/1983	59,994 60,021	63,731 63,750	23,750 24,000	1,829 1,835	2.4.	0,040 0,098	M100	0,000 0,500	HL 18013	2	
152A (XD3T), 152B (XD3TE), 155 (XD3), XD3T, XD3TE R 4 Diesel, 2498 cm³, 51 - 77 kW (69 - 105 PS), 21:1 - 23:1, Turbo, LLK, 8 Ventile	54,994	58,731	21,750	1,829	2.4.	0,052	M157	0,000	HL 20478	2	039 HS 20480 000
	55,009	58,750	22,000	1,835		0,098		0,300 0,500 0,800			030 050 080
505 2.5 DIESEL 505 2.5 TD 604 2.5 TD	54,994 55,009	58,731 58,750	29,750 30,000	1,829 1,835	1.3.5.	0,052 0,098	M157	0,000 0,300 0,500 0,800	HL 20479	3	
06/1981...12/1993 10/1983...12/1993 08/1983...12/1986	54,994 55,009	58,731 58,750	28,750 29,000	1,832 1,845		0,040 0,092	M100	0,000 0,300 0,500 0,800 1,000	PL 10064	4	039 PS 10074 000 030 050 080 100
49,984 50,000	53,695 53,708	28,750 29,000	1,866 1,922			0,051 0,092	M157	0,100 0,300 0,500 0,800	PL 20483	4	039 PS 20484 010 030 050 080

Ø 94 **88**

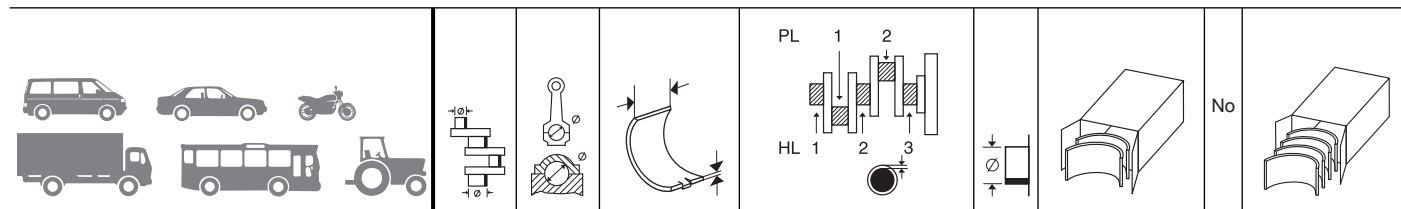
XD2P94 R 4 Diesel, 2304 cm³, 49 kW (67 PS), 22,2:1, 8 Ventile	54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000
	55,021	58,750	29,000	1,845		0,092		0,300 0,500 0,800 1,000			030 050 080 100
J7 2.3 D											
07/1977...03/1980											

Ø 94,4 **89**

8140.43N R 4 Diesel, 2798 cm³, 107 kW (146 PS), 18,5:1, 8 Ventile	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							<small>403) 344183</small>
BOXER 2.8 HDI	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
04/2004...	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220

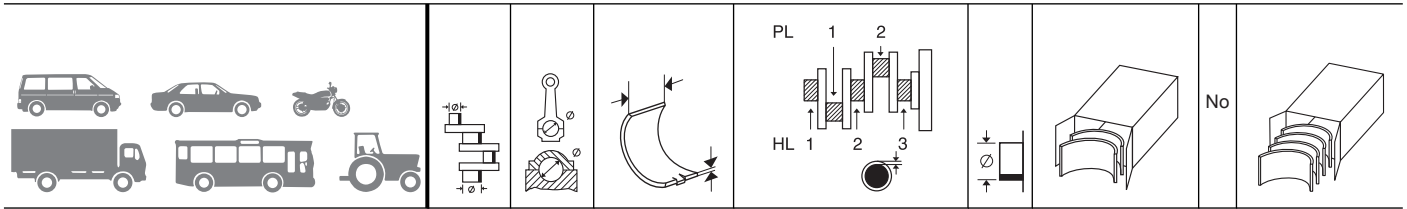
Ø 94,4 **90**

8140.43S (F28DTCR), 8140.63 (F28D) R 4 Diesel, 2798 cm³, 64 - 125 kW (87 - 170 PS), 18,5:1 - 21:1, 8 Ventile	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
BOXER 2.8 D BOXER 2.8 HDI BOXER 2.8 HDI NELIVETO	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
01/1999...02/2002 10/2000...04/2002 10/2000...11/2001	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210



PORSCHE

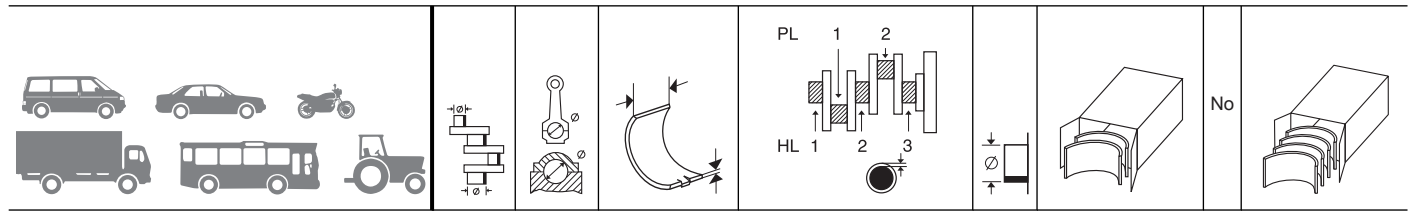
Ø 84										1	
M02.2Y V 6 Benzin, 3189 cm³, 177 - 184 kW (241 - 250 PS), 11,5:1, 24 Ventile CAYENNE I 3.2 10/2003...	59,958	65,000	16,750	2,493		0,020	M810	0,000	HL 20843	7	029 HS 20844 000 025 050
	59,978	65,010	17,000	2,501		0,066		0,250 0,500			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		



PREMIER

Ø 78 1

146 B3.000 R 4 Diesel, 1367 cm³, 30 kW (41 PS), 20:1, 8 Ventile	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,991 53,004	56,717 56,735	20,500 20,750	1,835 1,845	1,2,4,5	0,023 0,074	M901	0,000 0,254	HL 20571	4	007 HS 20573 200 210
	52,991 53,004	56,717 56,735	24,000 24,250	1,835 1,845	3	0,023 0,074	M901	0,000 0,254	HL 20572	1	

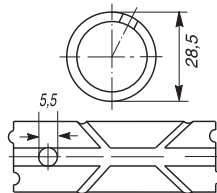


PUCH

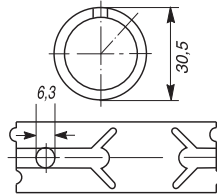
Ø 87 1

OM 602.930 R 5 Diesel, 2497 cm³, 62 - 69 kW (84 - 94 PS), 22:1, 10 Ventile	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
25,995 26,000	28,500 28,521	21,900					M114	Semi	BB 18799	5	001 BS 18800 300
28,000	30,500 30,525	21,900					M114	Semi	BB 18801	5	001 BS 18802 300
	30,500 30,521	21,900					M114	Semi	BB 18803	5	001 BS 18804 300
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261			0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100
47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809			0,017 0,063	M215	0,000 0,250 0,500	PL 10305	5	001 PS 10702 000 025 050

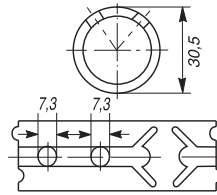
BB 18799



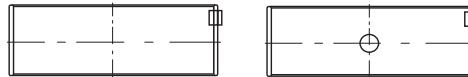
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BB 18803

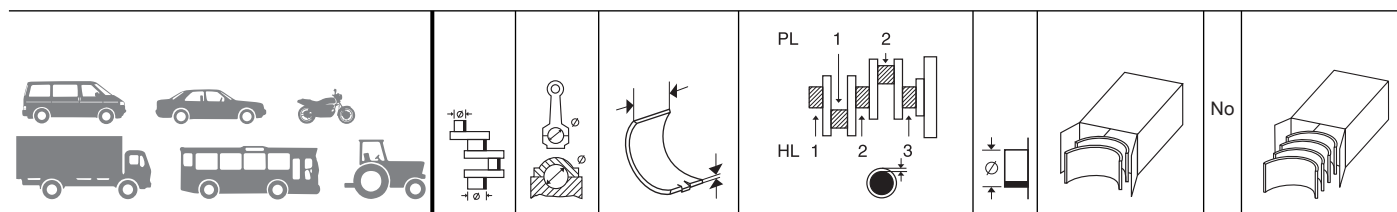


PL 10305



Ø 87 2

OM 603.931 R 6 Diesel, 2996 cm³, 83 kW (113 PS), 22:1, 12 Ventile	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261			0,013 0,063	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050
47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809			0,017 0,063	M215	0,000 0,750 1,000	PL 10305	6	001 PS 10703 000 075 100



Ø 87

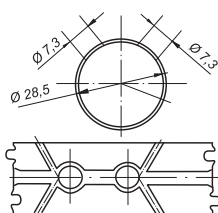
3

OM 606.964

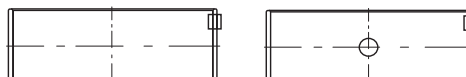
R 6 Diesel, 2996 cm³, 130 kW (177 PS), 22:1, 24 Ventile

65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	28,500 28,521	21,900				M114	Semi	BB 18805	6	001 BS 19207 300
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050
47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250 0,500	PL 18797	6	001 PS 10720 000 025 050

BB 18805



PL 18797



Ø 88,5

4

M 103.987

R 6 Benzin, 2960 cm³, 125 - 128 kW (170 - 174 PS), 9,2:1, 12 Ventile

65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050
47,950 47,965	51,600 51,619	21,800	1,814		0,020 0,065	M114	0,000 0,500	PL 10308	6	001 PS 10710 000 050

Ø 89

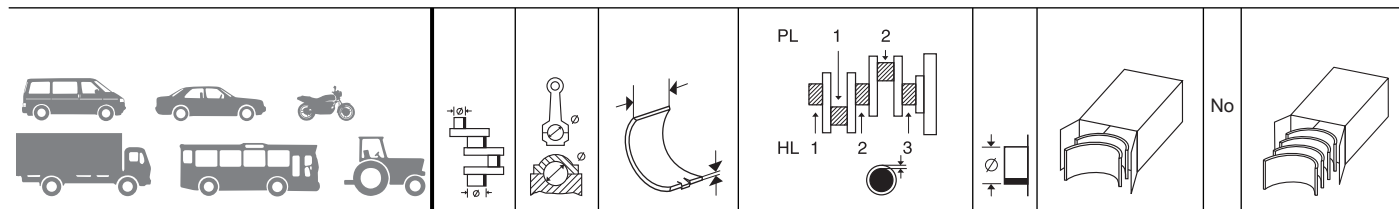
5.1

OM 602.942

R 5 Diesel, 2874 cm³, 70 - 72 kW (95 - 98 PS), 22:1, 10 Ventile

65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	5	001 BS 18800 300
28,000	30,500 30,525	21,900				M114	Semi	BB 18801	5	001 BS 18802 300
	30,500 30,521	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100

Fortsetzung nächste Seite / Continued on next page



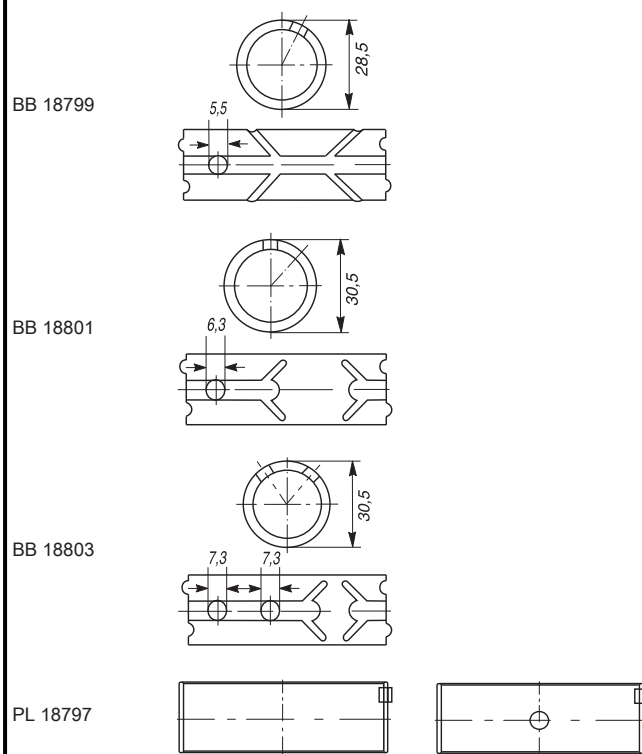
Ø 89 - Fortsetzung / Continued

5.2

OM 602.942

R 5 Diesel, 2874 cm³, 70 - 72 kW (95 - 98 PS), 22:1, 10 Ventile

47,950	51,600	21,500	1,803		0,017	M215	0,000	PL 18797	5	001 PS 18798 000
47,965	51,619	21,700	1,809		0,063		0,250			025
							0,500			050



Ø 89

6

OM 603.972

R 6 Diesel, 3449 cm³, 100 kW (136 PS), 22:1, 12 Ventile

65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000
							0,100			010
							0,200			020
65,800	81,000		2,20			M157	0,000	AL 18749	2	
							0,100			
							0,200			
57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 HS 10706 000
57,965	62,519	17,500	2,261		0,063		0,250			025
							0,500			050
47,950	51,600	21,500	1,803		0,016	M330	0,000	PL 18204	6	001 PS 10099 000
47,965	51,619	21,700	1,809		0,066		0,500			050
47,950	51,600	21,500	1,803		0,016	M215	0,000	PL 18557	6	
47,965	51,619	21,700	1,809		0,066		0,500			

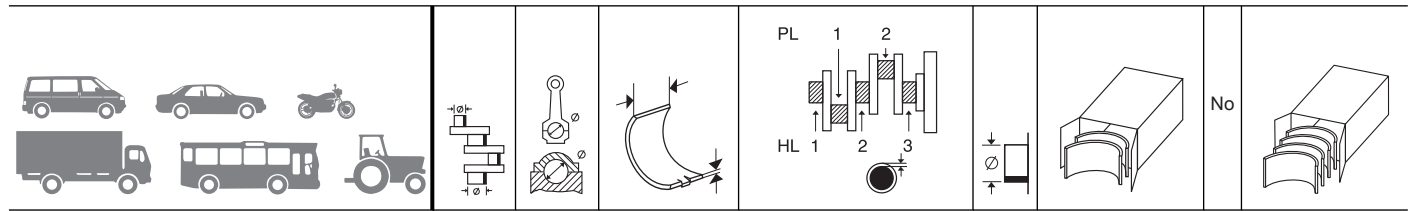
Ø 89,9

7

M 104.996

R 6 Benzin, 3199 cm³, 155 kW (211 PS), 10:1, 24 Ventile

65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000
							0,100			010
							0,200			020
65,800	81,000		2,20			M157	0,000	AL 18749	2	
							0,100			
							0,200			
57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 HS 10706 000
57,965	62,519	17,500	2,261		0,063		0,250			025
							0,500			050
47,950	51,600	21,800	1,815		0,020	M114	0,000	PL 18045	6	001 PS 18833 000
47,965	51,619	21,700	1,809		0,064		0,250			025



Ø 90,9

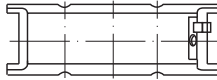
8

OM 616.936

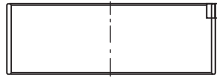
R 4 Diesel, 2399 cm³, 53 kW (72 PS), 21:1,
8 Ventile

78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18742	2	001 AS 18744 000 010 020
78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18743	2	
26,000	29,000 29,021	31,800				M114	Semi	BB 18745	4	001 BS 18751 300
69,955 69,965	74,500 74,519	33,820 33,880	2,255	3.	0,025 0,079	M157	0,000 0,250 0,500 1,000	FL 10209	1	001 HS 10618 000 025 050 100
69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.	0,024 0,079	M157	0,000 0,250 0,500 1,000	HL 10117	4	
69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.	0,024 0,079	M157	0,000 0,500	HL 10117	4	001 HS 10643 000 050
69,955 69,965	74,500 74,519	27,000	2,255	3.	0,024 0,079	M157	0,000 0,500	HL 10263	1	
51,955 51,965	55,600 55,619	26,000	1,805		0,024 0,079	M157	0,000 0,250 0,500 0,750	PL 10244	4	001 PS 10578 000 025 050 075

FL 10209



PL 10244



Ø 90,9

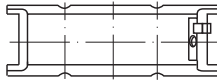
9

OM 617.931

R 5 Diesel, 2998 cm³, 65 kW (88 PS), 22:1,
10 Ventile

78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18742	2	001 AS 18744 000 010 020
78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18743	2	
69,955 69,965	74,500 74,519	33,820 33,880	2,255	3.	0,025 0,079	M157	0,000 0,250 0,500	FL 10209	1	001 HS 10619 000 025 050
69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.6	0,024 0,079	M157	0,000 0,250 0,500	HL 10117	5	
51,955 51,965	55,600 55,619	26,000	1,805		0,024 0,079	M157	0,000 0,250 0,500 1,000	PL 10244	5	001 PS 10579 000 025 050 100

FL 10209



PL 10244



Ø 95,5

10.1

M 102.981, .987

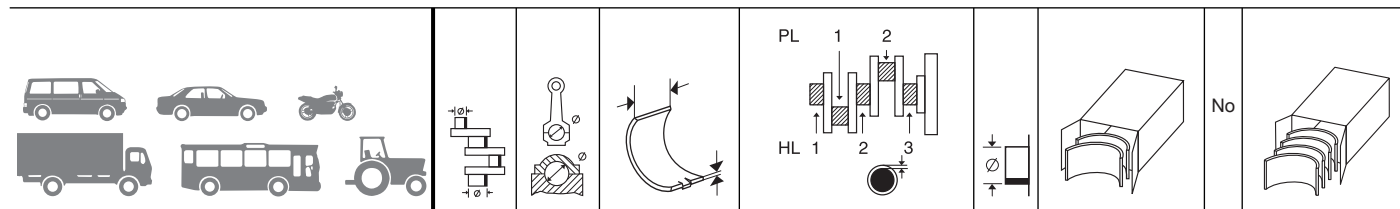
R 4 Benzin, 2299 cm³, 90 - 92 kW (122 - 125 PS),
8 Ventile

65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	

M 102.989

R 4 Benzin, 2298 cm³, 93 kW (126 PS), 9:1,
8 Ventile

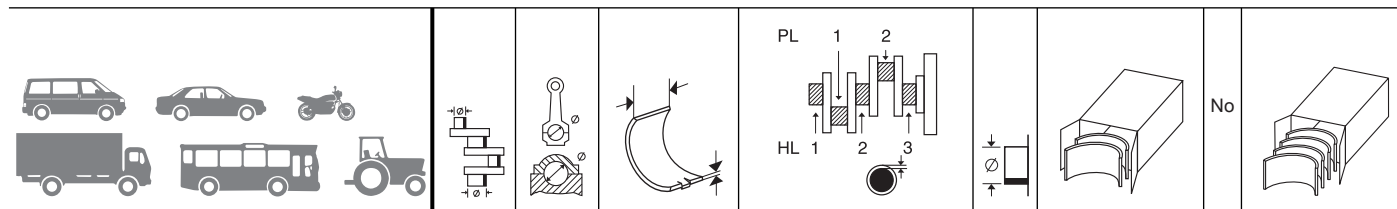
Fortsetzung nächste Seite / Continued on next page



Ø 95,5 - Fortsetzung / Continued

10.2

M 102.981, .987 R 4 Benzin, 2299 cm ³ , 90 - 92 kW (122 - 125 PS), 8 Ventile M 102.989 R 4 Benzin, 2298 cm ³ , 93 kW (126 PS), 9:1, 8 Ventile	65,800	81,000		4,13 4,18			M157	0,000	AL 18776	2	001 AS 18780 000
	65,800	81,000		4,13 4,18			M157	0,000	AL 18777	2	
	24,000	27,000 27,021	27,600				M114	Semi	BB 18778	4	001 BS 18781 300
	21,995 22,000	24,500 24,521	21,900	1,38 1,43			M114	Semi	BB 18752	4	001 BS 18782 300
	57,950 57,965	62,500 62,519	21,400	2,261	1.2.3.4.5.	0,020 0,072	M157	0,000 0,250 0,750 1,000	HL 10294	5	001 HS 10657 000 025 075 100
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,955 47,965	51,600 51,619	21,800 22,000	1,939		0,020 0,061	M114	0,250 0,500	PL 10229	4	001 PS 10551 025 050
	47,950 47,965	51,600 51,619	21,800	1,814		0,020 0,065	M114	0,000 0,500	PL 10308	4	001 PS 10709 000 050



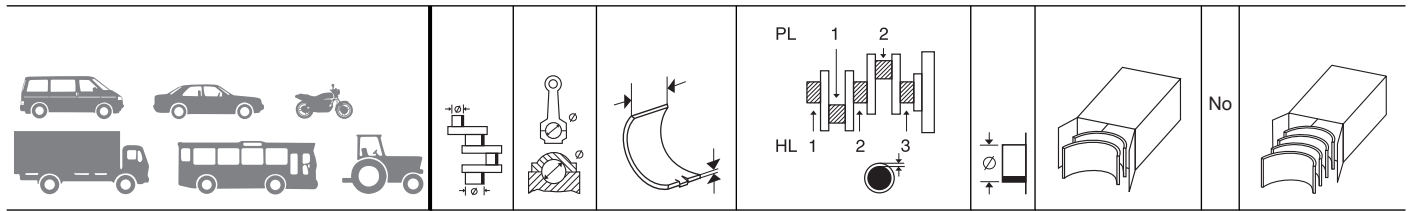
RANGER

Ø 87 1

25 H R 6 Benzin, 2490 cm ³ , 96 kW (130 PS), 12 Ventile REKORD 2500 GTS 02/1972...12/1978	57,987 58,000	61,999 62,014	27,450 27,510	1,986		0,026 0,076	M114	0,000 0,250 0,500	FL 19741	1	011 HS 19760 000 025 050
	57,987 58,000	62,000 62,013	22,430	1,989		0,026 0,076	M157	0,000 0,250 0,500	HL 19740	6	
	51,971 51,987	55,000 55,012	19,610	1,449		0,020 0,059	M157	0,000 0,250 0,500	PL 19739	6	

Ø 87 2

25 S R 6 Benzin, 2490 cm ³ , 85 kW (115 PS), 9,2:1, 12 Ventile REKORD 2500 02/1972...12/1978	57,987 58,000	61,999 62,014	27,450 27,510	1,986		0,026 0,076	M114	0,000 0,250 0,500	FL 19741	1	011 HS 19760 000 025 050
	57,987 58,000	62,000 62,013	22,430	1,989		0,026 0,076	M157	0,000 0,250 0,500	HL 19740	6	



RENAULT

Ø 61,4 1

813.02 R 4 Benzin, 852 cm³, 21 kW (29 PS), 8:1, Hub 72mm, 8 Ventile	43,964	47,614	20,750	1,81		0,020	M157	0,000	PL 20013	4	021 PS 19993 000 025
	43,980	47,625				0,065		0,250			
PL 20013											

Ø 65 2

689.01, 689.10, 689 710, C1C 700, C1C 708, C1C 754 R 4 Benzin, 956 cm³, 24 - 33 kW (33 - 45 PS), 8,5:1 - 9,3:1 R 4 1.0 12/1985...12/1993 R 5 1.0 01/1972...10/1988 C1C 706 R 4 Benzin, 949 cm³, 27 - 31 kW (37 - 42 PS), 8,6:1, 8 Ventile RAPID/EXPRESS 1.0 09/1985...05/1992	43,964	47,614	20,750	1,81		0,020	M157	0,000	PL 20013	4	021 PS 19993 000 025
	43,980	47,625				0,065		0,250			
PL 20013											

Ø 69 3

D7F 700, D7F 701, D7F 702, D7F 703, D7F 704, D7F 706, D7F 710, D7F 720, D7F 722, D7F 726, D7F 730, D7F 744, D7F 746, D7F 764, D7F 766, D7F 800 R 4 Benzin, 1149 cm³, 40 - 44 kW (54 - 60 PS), 9,6:1, 8 Ventile CLIO I 1.2 01/1996...09/1998 CLIO II 1.1 09/1998... CLIO II 1.2 03/1998...10/2003 KANGOO 1.2 08/1997...07/2001 TWINGO 1.2 05/1996...12/2007 TWINGO 1.2 LPG 10/2003...	43,990	47,612	23,930	1,813		0,020	M157	0,000	FL 19985	1	021 HS 20011 000
	44,010	47,625				0,064					
		43,990	47,612	18,550	1,813		0,020	M157	0,000	HL 19984	4
		44,010	47,625	18,800			0,064				
	39,984	43,639	16,250	1,83		0,020	M810	0,000	PL 19976	4	021 PS 19996 000
	40,000	43,650				0,065					
HL 19984											
PL 19976											

Ø 70 4

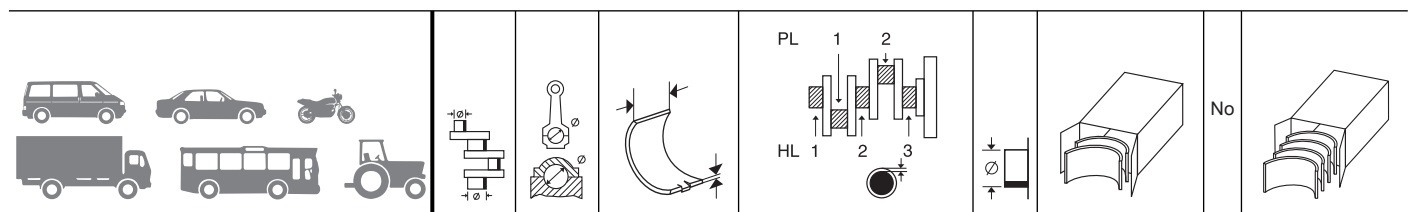
688.01, C1E 700, C1E 715, C1E 720, C1E 750 R 4 Benzin, 1108 cm³, 25 - 39 kW (34 - 53 PS), 8,5:1 - 9,5:1, 8 Ventile CLIO I 1.1 01/1991...09/1998 ESTAFETTE 1.1 02/1962...12/1981 R 10 1.1 05/1966...10/1972 R 11 1.1 03/1983...06/1986 R 5 1.1 10/1984...12/1996 R 8 1.1 11/1962...10/1972 R 9 1.1 09/1981...05/1987 RAPID/EXPRESS 1.1 07/1985...04/1995	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000 010	
	62,750	80,000						0,100				
		54,784	58,731	19,500	1,95		0,026	M157	0,000	HL 20016	5	021 HS 20004 000 025
		54,805	58,750				0,090		0,250			
	43,964	47,614	20,750	1,81		0,020	M157	0,000	PL 20013	4	021 PS 19993 000 025	
	43,980	47,625				0,065		0,250				
PL 20013												

Ø 70 5

688.03, 688.11, 688.12, 688 02 R 4 Benzin, 1108 cm³, 25 - 39 kW (34 - 53 PS), 9:1 - 9,5:1, 8 Ventile	43,964	47,614	20,750	1,81		0,020	M157	0,000	PL 20013	4	021 PS 19993 000 025
	43,980	47,625				0,065		0,250			
PL 20013											

Ø 70 6

688.10, 688 711, 688 712, 688 713, C1E 714, C1E 718, C1E 719, C1E 726 R 4 Benzin, 1108 cm³, 25 - 39 kW (34 - 53 PS), 8,8:1 - 9,5:1, 8 Ventile R 4 1.1 10/1976...06/1990 R 5 1.1 09/1980...12/1985 R 6 1.1 08/1970...04/1987 RODEO 5 1.1 11/1981...12/1987	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000 010	
	62,750	80,000						0,100				
		43,964	47,614	20,750	1,81		0,020	M157	0,000	PL 20013	4	021 PS 19993 000 025
		43,980	47,625				0,065		0,250			
PL 20013												



Ø 70 7

C1E 688, C1E 752, C1E 754, C1E 756, C1E 760, C1E 762, C1E 764, C1E 792 R 4 Benzin, 1108 cm³, 25 - 36 kW (34 - 49 PS), 8,5:1 - 9,5:1, 8 Ventile R 5 1.1 10/1984...12/1996 RAPID/EXPRESS 1.1 07/1985...04/1995	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000						0,100			010
	54,784	58,731	19,500	1,95		0,026	M157	0,000	HL 20016	5	021 HS 20004 000
	54,805	58,750				0,090		0,250			025
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050
	43,964	47,614	20,750	1,81		0,020	M157	0,000	PL 20013	4	021 PS 19993 000
	43,980	47,625				0,065		0,250			025

PL 18158



PL 20013



Ø 71,5 8

C1G, C1G 700, C1G 702, C1G 710, C1G 720, C1G 722, C1G 726, C1G 730 R 4 Benzin, 1237 cm³, 40 - 44 kW (54 - 60 PS) R 11 1.2 10/1984...12/1988 R 19 I 1.2 01/1988...12/1992 R 19 II 1.2 03/1992...12/1995 R 5 1.2 01/1987...12/1996 R 9 1.2 09/1985...12/1988	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000						0,100			010
	54,784	58,731	19,500	1,95		0,026	M157	0,000	HL 20016	5	021 HS 20004 000
	54,805	58,750				0,090		0,250			025
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050

PL 18158



Ø 73 9

810.05, 810 01, 810-02/97, 810 06 R 4 Benzin, 1289 cm³, 26 - 50 kW (35 - 68 PS), 8,5:1 - 9,5:1, 8 Ventile ESTAFETTE 1.3 08/1969...12/1981 R 12 1.3 10/1969...08/1980 R 15 1.3 03/1972...10/1980	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000						0,100			010
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050

PL 18158



Ø 73 10

810 02, 810 719, 810 725, 810 726, 810 729 R 4 Benzin, 1289 cm³, 27 - 47 kW (37 - 64 PS), 8,2:1 - 9,6:1 R 12 1.3 07/1975...04/1980 R 5 1.3 09/1975...09/1984 RODEO 5 1.3 07/1981...02/1984	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000						0,100			010
	54,784	58,731	19,500	1,95		0,026	M157	0,000	HL 20016	5	021 HS 20004 000
	54,805	58,750				0,090		0,250			025
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050

PL 18158

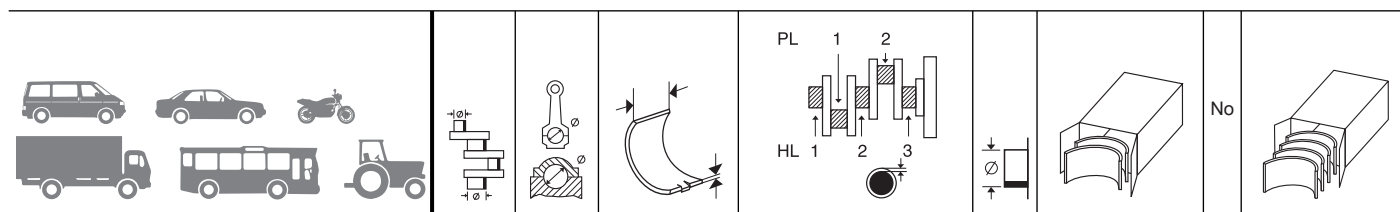


Ø 73 11

810.03, 810.10, 810.25, 810.26, 810 96, 810 97 R 4 Benzin, 1289 cm³, 31 - 50 kW (42 - 68 PS), 8,5:1 - 9,6:1, 8 Ventile	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050

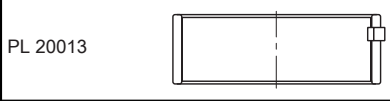
PL 18158





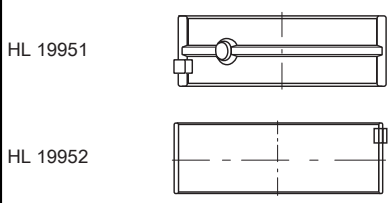
Ø 74 12

C3G 700, C3G 702, C3G 710, C3G 712, C3G 720 R 4 Benzin, 1239 cm³, 40 kW (55 PS), 9,2:1, 8 Ventile CLIO I 1.2 EXPRESS 1.2 RAPID/EXPRESS 1.2 TWINGO 1.2	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000						0,100			010
	54,784	58,731	19,500	1,95		0,026	M157	0,000	HL 20016	5	021 HS 20004 000
	54,805	58,750				0,090		0,250			025
	43,964	47,614	20,750	1,81		0,020	M157	0,000	PL 20013	4	021 PS 19993 000
	43,980	47,625				0,065		0,250			025



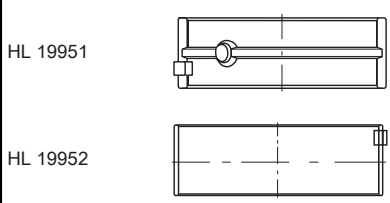
Ø 75 13

129 R 4 Benzin, 1218 cm³, 42 - 51 kW (57 - 71 PS), 9,3:1, Hub 69mm, 8 Ventile R 14 1.2	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
	49,981	53,674				0,070					
		49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3
		49,981	53,674				0,070				



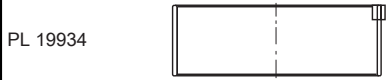
Ø 75 14

150 R 4 Benzin, 1360 cm³, 51 - 52 kW (70 - 71 PS), 9,3:1, Hub 77mm, 8 Ventile R 14 1.4	55,250	71,450		2,50			M250	0,100	AL 19960	2	039 AS 19964 010	
	55,500	71,700										
		49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2	039 HS 19965 030
		49,981	53,674				0,070					
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3		
	49,981	53,674				0,070						



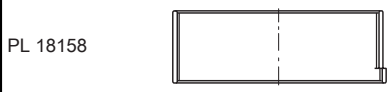
Ø 75 15

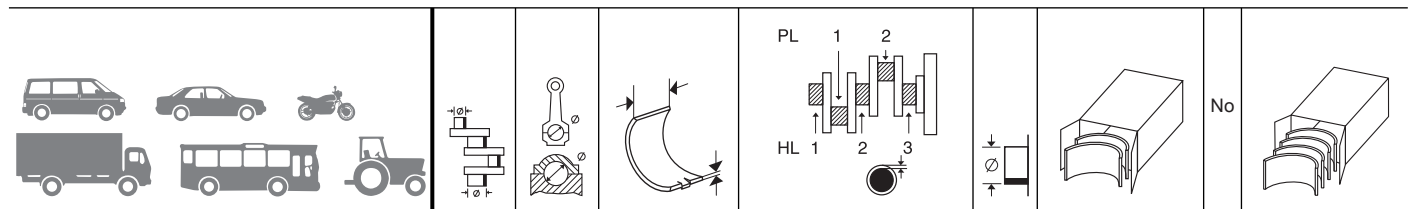
XY 6 B R 4 Benzin, 1361 cm³, 44 - 53 kW (60 - 72 PS), 9,3:1	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000
	44,991	48,671				0,081		0,300			
								0,500			030
											050



Ø 75,8 16

E5F 710 R 4 Benzin, 1171 cm³, 40 - 44 kW (55 - 60 PS), 8,8:1, 8 Ventile CLIO I 1.2	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000	
	62,750	80,000						0,100				
		54,784	58,731	19,500	1,95		0,026	M157	0,000	HL 20016	5	021 HS 20004 000
		54,805	58,750				0,090		0,250			
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000	
	43,980	47,625		1,806		0,065		0,250				
								0,500			025	
											050	





Ø 75,8 17

E5F 716 R 4 Benzin, 1171 cm³, 40 - 44 kW (54 - 60 PS), 8,8:1, 8 Ventile	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050
	43,980	47,625		1,806		0,065		0,250			
E6J 706, E6J 712, E6J 713, E6J 718, E6J 734, E6J 738, E6J 760, E7J 700, E7J 707, E7J 745, E7J 770, E7J 771 R 4 Benzin, 1390 cm³, 43 - 59 kW (58 - 80 PS), 8,9:1 - 9,5:1, 8 Ventile	PL 18158										

Ø 75,8 18

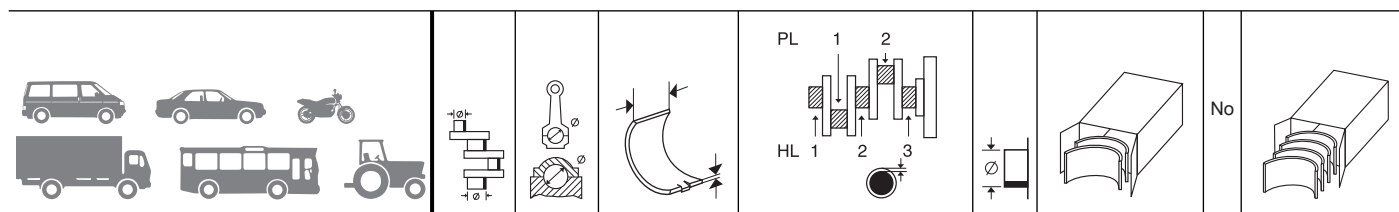
E6J 700, E6J 701, E7J 601, E7J 624, E7J 626, E7J 706, E7J 710, E7J 711, E7J 718, E7J 719, E7J 720, E7J 724, E7J 726, E7J 728, E7J 742, E7J 754, E7J 756, E7J 757, E7J 764, E7J 773 R 4 Benzin, 1390 cm³, 43 - 59 kW (58 - 80 PS), 9,5:1, 8 Ventile CLIO I 1.4 06/1990...09/1998 MEGANE I 1.4 01/1996...03/1999 MEGANE I 1.4 E 01/1996...08/2003 R 19 I 1.4 01/1988...12/1992 R 19 II 1.4 01/1992...12/1995 RAPID/EXPRESS 1.4 09/1991...03/1998 SCENIC I 1.4 I 01/1997...09/1999	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000 010
	62,750	80,000						0,100			
E7F 700, E7F 706, E7F 708, E7F 750 R 4 Benzin, 1171 cm³, 40 - 48 kW (54 - 65 PS), 8,8:1 - 9,5:1, 8 Ventile CLIO I 1.2 01/1991...09/1998 RAPID/EXPRESS 1.2 05/1995...11/1998	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050
	43,980	47,625		1,806		0,065		0,250			

Ø 76 19

840 725, 840 726, 840 730, 847 700, 847 701, 847 712, 847 720, 847 722, 847 725, C1J 700, C1J 715, C1J 742, C1J 760, C1J 764, C1J 768, C1J 770, C1J 780, C1J 782, C1J 784, C1J 788, C1J 791, C1J 792, C1J 793, C1J 796, C2J 700, C2J 713, C2J 717, C2J 718, C2J 720, C2J 730, C2J 755, C2J 757, C2J 766, C2J 767, C2J 768, C2J 770, C2J 772, C2J 780, C2J 781, C2J 782, C2J 784, C2J 788, C2J 789, C2J 798, C3J 700, C3J 702, C3J 710, C3J 760, C3J 762, C6J 750 R 4 Benzin, 1397 cm³, 35 - 118 kW (48 - 160 PS), 7:1 - 9,3:1, 8 Ventile FUEGO 1.4 02/1980...10/1985 R 11 1.4 03/1983...12/1988 R 12 1.4 08/1976...08/1980 R 18 1.4 04/1978...07/1986 R 19 I 1.4 07/1988...04/1992 R 19 I 1.4 KAT 01/1989...04/1992 R 19 II 1.4 04/1992...12/1995 R 21 1.4 06/1988...10/1993 R 5 1.4 09/1977...08/1990 R 5 1.4 GT 01/1985...05/1991 R 5 1.4 KAT 10/1985...12/1996 R 5 1.4 TURBO 06/1980...01/1985 R 9 1.4 09/1981...12/1989 RAPID/EXPRESS 1.4 07/1985...03/1998 TRAFIC 1.4 03/1980...06/1991	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000 010
	62,750	80,000						0,100			
840 725, 840 726, 840 730, 847 700, 847 701, 847 712, 847 720, 847 722, 847 725, C1J 700, C1J 715, C1J 742, C1J 760, C1J 764, C1J 768, C1J 770, C1J 780, C1J 782, C1J 784, C1J 788, C1J 791, C1J 792, C1J 793, C1J 796, C2J 700, C2J 713, C2J 717, C2J 718, C2J 720, C2J 730, C2J 755, C2J 757, C2J 766, C2J 767, C2J 768, C2J 770, C2J 772, C2J 780, C2J 781, C2J 782, C2J 784, C2J 788, C2J 789, C2J 798, C3J 700, C3J 702, C3J 710, C3J 760, C3J 762, C6J 750	54,784	58,731	19,500	1,95		0,026	M157	0,000	HL 20016	5	021 HS 20004 000 025
	54,805	58,750				0,090		0,250			
R 4 Benzin, 1397 cm³, 35 - 118 kW (48 - 160 PS), 7:1 - 9,3:1, 8 Ventile	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050
	43,980	47,625		1,806		0,065		0,250			

Ø 76 20

847 99, C2J 756, C2J 760, C2J 776, C2J 792, C2J 794, C2J 796, C2J 797, C3J 756 R 4 Benzin, 1397 cm³, 43 - 53 kW (58 - 72 PS), 9:1 - 9,3:1	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050
	43,980	47,625		1,806		0,065		0,250			
R 4 Benzin, 1397 cm³, 43 - 53 kW (58 - 72 PS), 9:1 - 9,3:1	PL 18158										



Ø 76											21
K9K 276, K9K 612, K9K 704, K9K 714, K9K 716, K9K 718, K9K 734, K9K 740, K9K 770, K9K 772, K9K 780, K9K 782, K9K 792, K9K 794, K9K 796, K9K 800, K9K 802, K9K 804, K9K 806, K9K 808, K9K 812, K9K 820, K9K 830, K9K 832, K9K 834, K9K 836, K9K 837, K9K 840, K9K 846, K9K 884, K9K F 830, K9K G 724, K9K G 832, K9K H 834, K9K J 836, K9K P 732 R 4 Diesel, 1461 cm³, 47 - 81 kW (64 - 110 PS), 8 Ventile CAPTUR 1.5 DCI 06/2013... CLIO II 1.5 DCI 06/2001...02/2007 CLIO III 1.5 DCI 06/2005...08/2010 CLIO IV 1.5 DCI 11/2012... DUSTER 1.5 DCI 06/2009... FLUENCE 1.5 DCI 02/2010... GRAND SCENIC II 1.5 DCI 05/2005...11/2008 KANGOO 1.5 DCI 12/2001...11/2012 LAGUNA III 1.5 DCI 10/2007...03/2012 LATITUDE 1.5 DCI 07/2010... LOGAN 1.5 DCI 04/2007...06/2011 LOGAN 1.5 DCI 06/2011... MEGANE II 1.5 DCI 05/2005...01/2007 MEGANE III 1.5 DCI 11/2008...07/2014 MODUS 1.5 DCI 05/2007... SANDERO/STEPWAY II 1.5 DCI 12/2013... SCENIC II 1.5 DCI 01/2007... SCENIC III 1.5 DCI 02/2009...11/2010 THALIA I 1.5 DCI 02/2003...06/2005 THALIA II 1.5 DCI 09/2008...06/2014 THALIA III 1.5 DCI 07/2014... TWINGO 1.5 DCI 03/2007...10/2010	48,004 48,010	51,936 51,942	19,250 19,500	1,943 1,949		0,037 0,064	M157	0,000 0,250	HL 20153	5	021 HS 20154 000 025 021 PS 20515 000 025 050
	43,960 43,980	47,610 47,628	20,500 20,750	1,805 1,815		0,009 0,065	M114	0,000 0,250 0,500	PL 20513	2	
	43,960 43,980	47,610 47,628	17,500 17,750	1,798 1,806		0,009 0,065	M157	0,000 0,250 0,500	PL 20514	2	

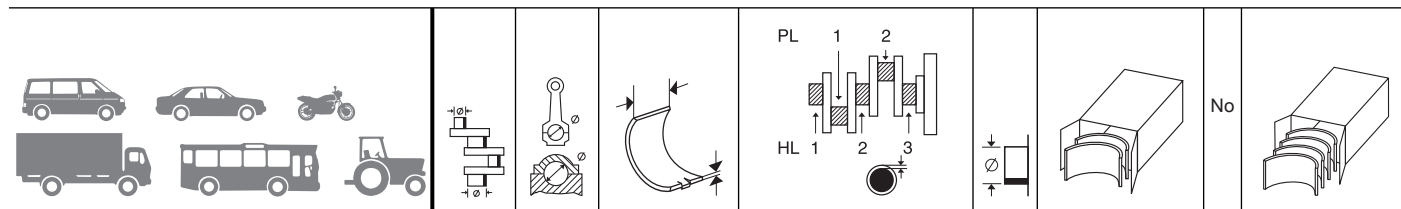
Ø 76											22
K9K 700, K9K 702, K9K 706, K9K 710, K9K 712, K9K 722, K9K 724, K9K 728, K9K 729, K9K 732, K9K 750, K9K 752, K9K 760, K9K 762, K9K 764, K9K 766, K9K 768 R 4 Diesel, 1461 cm³, 48 - 78 kW (65 - 106 PS), 15,6:1 - 18,8:1, Turbo, LLK, 2 Ventile CLIO II 1.5 DCI 06/2001...10/2004 CLIO III 1.5 DCI 05/2005...08/2010 GRAND SCENIC II 1.5 DCI 04/2004... KANGOO 1.5 DCI 12/2001...06/2010 MEGANE II 1.5 DCI 11/2002...01/2007 MODUS 1.5 DCI 09/2004...10/2010 SCENIC II 1.5 DCI 06/2003...05/2005 THALIA I 1.5 DCI 06/2001...04/2002	53,500 53,750	73,750 74,000		2,80 2,85			M157	0,000	AL 20156	2	021 AS 20157 000 021 HS 20154 000 025 021 PS 20515 000 025 050
	48,004 48,010	51,936 51,942	19,250 19,500	1,943 1,949		0,037 0,064	M157	0,000 0,250 0,500	HL 20153	5	
	43,960 43,980	47,610 47,628	20,500 20,750	1,805 1,815		0,009 0,065	M114	0,000 0,250 0,500	PL 20513	2	
43,960 43,980	47,610 47,628	17,500 17,750	1,798 1,806		0,009 0,065	M157	0,000 0,250 0,500	PL 20514	2		

Ø 76											23
K9K 708 R 4 Diesel, 1461 cm³, 48 - 50 kW (65 - 68 PS), 18,8:1, 8 Ventile LOGAN 1.5 DCI 06/2011...	43,960 43,980	47,610 47,628	20,500 20,750	1,805 1,815		0,009 0,065	M114	0,000 0,250 0,500	PL 20513	2	021 PS 20515 000 025 050
	43,960 43,980	47,610 47,628	17,500 17,750	1,798 1,806		0,009 0,065	M157	0,000 0,250 0,500	PL 20514	2	

Ø 76											24
K9K 790 R 4 Diesel, 1461 cm³, 48 kW (65 PS), 18,3:1, 8 Ventile LOGAN 1.5 DCI 06/2011...	48,004 48,010	51,936 51,942	19,250 19,500	1,943 1,949		0,037 0,064	M157	0,000 0,250	HL 20153	5	021 HS 20154 000 025

Ø 77											25.1
807, 807.10, 807 727, 821, 821 10, 821 11, 821 20, A5L 717, A5L 718, A5L 750 R 4 Benzin, 1565 cm³, 40 - 97 kW (54 - 132 PS), 8:1 - 10,3:1 FUEGO 1.6 08/1983...10/1985 R 12 1.6 08/1970...08/1976 R 15 1.6 03/1972...10/1980 R 16 1.6 01/1971...08/1980 R 18 1.6 10/1980...09/1982 R 18 1.6 TURBO 09/1982...07/1986	62,500 62,750	79,750 80,000		2,85			M817	0,000 0,100	AL 19988	2	021 AS 20003 000 010

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Ø 77 - Fortsetzung / Continued

25.2

807 20 R 4 Benzin, 1598 cm ³ , 48 - 79 kW (65 - 108 PS), 8,6:1 R 12 1.6 08/1970...12/1974	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000 010
	62,750	80,000						0,100			

Ø 77

26

C2L 714 R 4 Benzin, 1565 cm ³ , 51 kW (70 PS), 9:1 C2L 717 4 Benzin, 1397 cm ³ , 50 kW (68 PS)	43,960	47,614	17,625	1,80			0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050
	43,980	47,625		1,806			0,065		0,250			

PL 18158

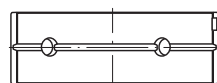


Ø 78

27

F8M 700 R 4 Diesel, 1596 cm ³ , 40 kW (54 PS), 22,5:1, 8 Ventile R 11 1.6 D R 9 1.6 D 08/1983...12/1988 10/1982...12/1988	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010 021 HS 20010 000 025 050 021 HS 20012 000 025 050 021 LS 19992 000 021 PS 20001 000
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	
	54,795	58,744				0,094		0,250			
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	
	54,795	58,744				0,094		0,250			
	40,425	43,500	19,250	1,50			M250	0,000	LB 19982	1	
40,450	43,525										
39,500	42,500	12,500	1,50			M250	0,000	LB 19983	1		
39,525	42,525										
48,000	51,587	20,250	1,76			0,031	M157	0,000	PL 19980	4	
48,020	51,600	20,500	1,768			0,084					

HL 19986



HL 19987



PL 19980

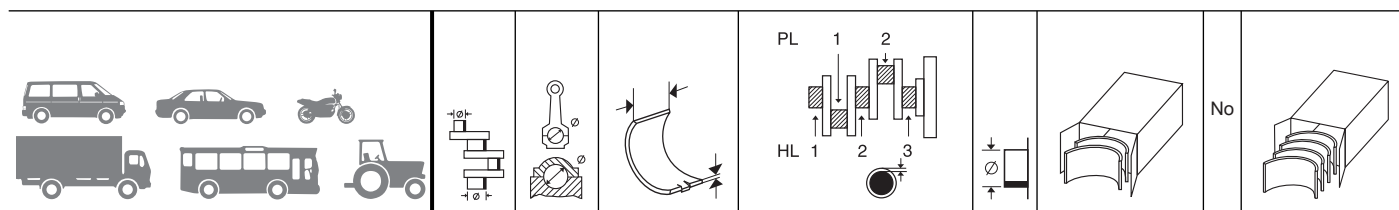


Ø 78

28.1

F8M 720, F8M 736 R 4 Diesel, 1596 cm ³ , 40 kW (55 PS), 22,5:1, 8 Ventile R 11 1.6 D R 5 1.6 D R 9 1.6 D RAPID/EXPRESS 1.6 D 08/1983...12/1988 10/1984...12/1996 10/1982...12/1988 03/1986...08/1998	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010 021 HS 20010 000 025 050 021 HS 20012 000 025 050
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	
	54,795	58,744				0,094		0,250			
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	
54,795	58,744				0,094		0,250				

Fortsetzung nächste Seite / Continued on next page



Ø 78 - Fortsetzung / Continued

28.2

F8M 720, F8M 736 R 4 Diesel, 1596 cm³, 40 kW (55 PS), 22,5:1, 8 Ventile R 11 1.6 D 08/1983...12/1988 R 5 1.6 D 10/1984...12/1996 R 9 1.6 D 10/1982...12/1988 RAPID/EXPRESS 1.6 D 03/1986...08/1998	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
	48,020	51,600	20,500	1,768		0,084					

Ø 78

29

F8M 730, F8M 760 R 4 Diesel, 1596 cm³, 40 kW (55 PS), 22,5:1, 8 Ventile R 11 1.6 D 08/1983...12/1988 R 5 1.6 D 08/1985...12/1996 R 9 1.6 D 10/1982...12/1988 RAPID/EXPRESS 1.6 D 03/1986...08/1998	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000

Ø 79

30

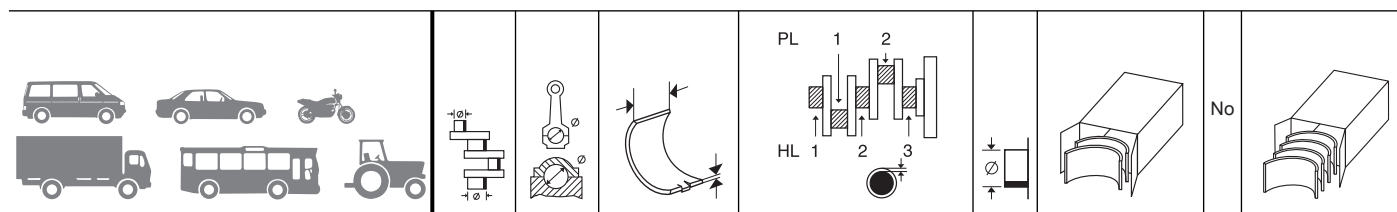
841 705, 841 717, 841 725, 841 726, 843, 843.05, 843 720, 843 721, 843 723, 843 724, A1M 705, A1M 707, A1M 708, A2M 723, A6M 725, A6M 726 R 4 Benzin, 1647 cm³, 48 - 72 kW (65 - 98 PS), 8,3:1 - 9,3:1 FUEGO 1.6 10/1980...10/1985 R 16 1.6 06/1974...08/1980 R 17 1.6 06/1974...08/1979 R 18 1.6 04/1978...07/1986 R 18 1.6 TS 05/1982...07/1986 R 20 1.6 10/1975...12/1983 TRAFIC 1.6 03/1980...08/1986	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000									010

Ø 79,5

31.1

K4J 700, K4J 710, K4J 711, K4J 712, K4J 713, K4J 714, K4J 715, K4J 730, K4J 732, K4J 750, K4J 770 R 4 Benzin, 1390 cm³, 72 kW (98 PS), 10:1, 4 Ventile CLIO II 1.4 03/1999...05/2005 MEGANE I 1.4 03/1999...08/2003 MEGANE II 1.4 11/2002...09/2003 MODUS 1.4 12/2004... SCENIC I 1.4 I 09/1999...08/2003 SCENIC II 1.4 I 06/2003... THALIA I 1.4 08/2000...	53,500	73,750		2,80			M157	0,000	AL 20156	2	021 AS 20157 000
	53,750	74,000		2,85							

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

31.2

K4M 700, K4M 701, K4M 704, K4M 706, K4M 708, K4M 709, K4M 710, K4M 711, K4M 712, K4M 714, K4M 720, K4M 724, K4M 742, K4M 743, K4M 744, K4M 745, K4M 748, K4M 752, K4M 753, K4M 760, K4M 790 R 4 Benzin, 1598 cm³, 70 - 86 kW (95 - 117 PS), 10:1, 4 Ventile CLIO II 1.6 09/1998...02/2010 CLIO III 1.6 05/2005...02/2010 KANGOO 1.6 06/2001...10/2001 LAGUNA I 1.6 11/1997...03/2001 LAGUNA II 1.6 03/2001... MEGANE I 1.6 03/1999...08/2003 MEGANE II 1.6 11/2002...01/2006 MEGANE III 1.6 11/2008... MODUS 1.6 12/2004... SCENIC I 1.6 09/1999...09/2003 SCENIC I 1.6 I 09/1999...08/2003 THALIA II 1.6 09/2008...	53,500	73,750		2,80			M157	0,000	AL 20156	2	021 AS 20157 000
	53,750	74,000		2,85							
	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	5	021 HS 20154 000
	48,010	51,942	19,500	1,949		0,064		0,250			025
43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000	
43,980	47,625		1,806		0,065		0,250			025	
							0,500				050



Ø 79,5

32

K4J 734 R 4 Benzin, 1390 cm³, 72 kW (98 PS), 10:1, 4 Ventile	53,500	73,750		2,80			M157	0,000	AL 20156	2	021 AS 20157 000
	53,750	74,000		2,85							
	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	5	021 HS 20154 000
	48,010	51,942	19,500	1,949		0,064		0,250			025

Ø 79,5

33

K4J 740, K4J 780, K4J D 729, K4J D 740 R 4 Benzin, 1390 cm³, 72 kW (98 PS), 10:1 CLIO III 1.4 06/2005... MEGANE II 1.4 11/2002...08/2003 SCENIC II 1.4 I 06/2003...	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	5	021 HS 20154 000
	48,010	51,942	19,500	1,949		0,064		0,250			025
	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000
	43,980	47,625		1,806		0,065		0,250			025
								0,500			050

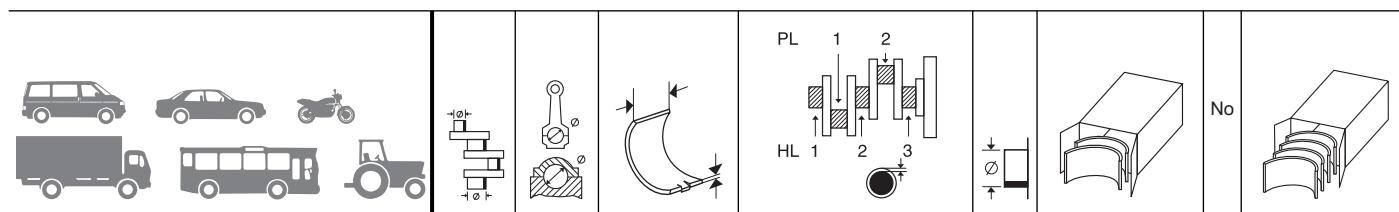


Ø 79,5

34.1

K7J 710 R 4 Benzin, 1390 cm³, 55 kW (75 PS), 9,5:1 LOGAN 1.4 09/2004...10/2007 SANDERO 1.4 02/2009...	62,500	79,750		2,85			M817	0,000	AL 19988	2	021 AS 20003 000
	62,750	80,000						0,100			010

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Ø 79,5 - Fortsetzung / Continued

34.2

K7J 710 R 4 Benzin, 1390 cm³, 55 kW (75 PS), 9,5:1 LOGAN 1.4 09/2004...10/2007 SANDERO 1.4 02/2009...	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050
	43,980	47,625		1,806		0,065		0,250			
PL 18158											

Ø 79,5

35

K7M 690, K7M 704, K7M 710, K7M 718, K7M 720, K7M 732, K7M 744, K7M 745, K7M 746, K7M 750, K7M 790 R 4 Benzin, 1598 cm³, 55 - 66 kW (75 - 90 PS), 9,1:1 - 9,7:1, 8 Ventile CLIO II 1.6 09/1998...05/2005 KANGOO 1.6 02/2008... LOGAN 1.6 09/2004...04/2007 LOGAN EXPRESS 1.6 04/2007... MEGANE I 1.6 I 01/1996...03/1999 SANDERO 1.6 11/2010... SCENIC I 1.6 I 01/1997...09/1999	43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050
	43,980	47,625		1,806		0,065		0,250			
PL 18158											

Ø 79,5

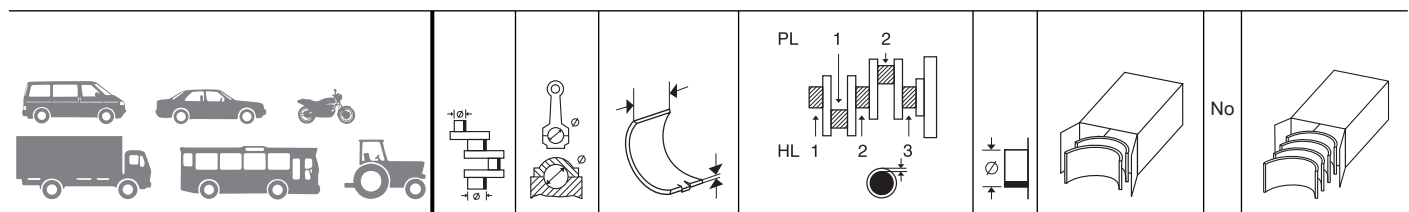
36

K7M 702, K7M 703 R 4 Benzin, 1598 cm³, 55 - 66 kW (75 - 90 PS), 9:1 - 9,6:1, Hub 80.5mm MEGANE I 1.6 E 01/1996...09/2002 SCENIC I 1.6 I 01/1997...09/1999	53,500	73,750		2,80			M157	0,000	AL 20156	2	021 AS 20157 000
	53,750	74,000		2,85							
	48,004	51,936	19,250	1,943		0,037	M157	0,000	HL 20153	3	021 HS 20155 000 025
	48,010	51,942	19,500	1,949		0,064		0,250			
	47,990	51,936	19,500	1,95			M157	0,000	HL 20239	2	
48,010	51,942						0,250				
43,960	47,614	17,625	1,80		0,022	M157	0,000	PL 18158	4	021 PS 18159 000 025 050	
43,980	47,625		1,806		0,065		0,250				
PL 18158											

Ø 80

37

F8Q 600, F8Q 648, F8Q 680, F8Q 684, F9Q 650, F9Q 746, F9Q 756 R 4 Diesel, 1870 cm³, 40 - 88 kW (54 - 120 PS), 18,3:1 - 21,5:1, 8 Ventile	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	021 HS 20012 000
	54,795	58,744				0,094					
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
	48,020	51,600	20,500	1,768		0,084					
	48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000 025
	48,020	51,600				0,089		0,250			
HL 19987											
PL 19980											
PL 19981											



Ø 80 38

F8Q 606, F8Q 610, F8Q 620, F8Q 624, F8Q 632, F8Q 696, F8Q 710, F8Q 724, F8Q 732, F8Q 740, F8Q 774, F8Q 776, F8Q 784, F8Q 786, F8Q 790 R 4 Diesel, 1870 cm³, 40 - 70 kW (54 - 95 PS), 20,5:1 - 22,5:1, 8 Ventile CLIO I 1.9 D 05/1996...02/1998 CLIO I 1.9 D 01/1991...09/1998 CLIO II 1.9 D 02/2000...05/2001 EXPRESS 1.9 D 07/1995...10/1999 KANGOO 1.9 D 08/1997...06/2003 MEGANE I 1.9 D 01/1996...08/2003 MEGANE I 1.9 TDI 09/1996...08/2003 R 19 I 1.9 TD 09/1990...04/1992 R 19 II 1.9 DT 03/1992...12/1995 R 21 1.9 D 03/1986...08/1994 RAPID/EXPRESS 1.9 D 09/1991...03/1998 MEGANE SCENIC 1.9 DT (JA0Y) 03/1997...08/1999 SCENIC I 1.9 D 03/1997...03/2001 SCENIC I 1.9 DT 01/1997...09/1999 TRAFIC 1.9 D 06/1997...03/2001	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000	HL 19987	5	021 HS 20012 000
48,000 48,020	51,587 51,600	20,250 20,500	1,755 1,768		0,030 0,090	M780	0,000	PL 19975	4	021 PS 19994 000	
									HL 19987		
									PL 19975		

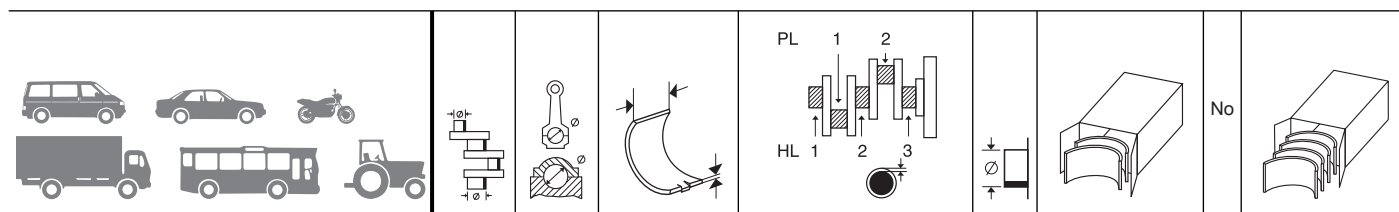
Ø 80 39

F8Q 622, F8Q 630, F8Q 662, F8Q 676, F8Q 682, F8Q 664, F8Q 670, F8Q 674, F8Q 680, F8Q 710, F8Q 716, F8Q 717, F8Q 722, F8Q 731, F8Q 732, F8Q 733, F8Q 736, F8Q 740, F8Q 750, F8Q 752, F8Q 754, F8Q 758, F8Q 759, F8Q 762, F8Q 772, F8Q 774, F8Q 780, F8Q 782, F8Q 790, F8Q 800, F8Q 803, F8Q 804, F8Q 808, F8Q 812, F8Q 816, F8Q 818, F8Q 820, F8Q 826 R 4 Diesel, 1870 cm³, 40 - 96 kW (54 - 131 PS), 17:1 - 21,5:1 CLIO I 1.9 D 05/1996...02/1998 CLIO II 1.9 D 09/1998...05/2005 CLIO II 1.9 DTI 05/1999...05/2005 ESPACE III 1.9 DTI 02/1999...10/2002 ESPACE IV 1.9 DCI 11/2002...02/2005 GRAND SCENIC II 1.9 DCI 04/2004...01/2009 KANGOO 1.9 D 08/1997... KANGOO 1.9 DCI 10/2001...07/2003 KANGOO 1.9 DTI 01/1999... LAGUNA I 1.9 DTI 10/1997...03/2001 LAGUNA II 1.9 DCI 03/2001...09/2007 MASTER II 1.9 DCI 11/2001... MEGANE I 1.9 D 04/1999...08/2003 MEGANE I 1.9 DCI 11/1999...08/2003 MEGANE I 1.9 DTI 03/1997...02/2001 MEGANE I GRANDTOUR 1.9 DCI 03/1999...09/2000 MEGANE II 1.9 DCI 11/2002...12/2005 RAPID/EXPRESS 1.9 D 09/1994...03/1998 SCENIC I 1.9 DTI 09/1999...08/2003 SCENIC II 1.9 D 06/2006... SCENIC II 1.9 DCI 06/2003...04/2009 THALIA 1.9 D 02/1998...05/2001 TRAFIC II 1.9 DCI 03/2001...	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000	HL 19987	5	021 HS 20012 000
48,000 48,020	51,587 51,600	20,250 20,500	1,76 1,768		0,031 0,084	M157	0,000	PL 19980	4	021 PS 20001 000	
48,000 48,020	51,587 51,600	20,500	1,768		0,031 0,089	M157	0,000 0,250	PL 19981	4	021 PS 20002 000 025	
									HL 19987		
									PL 19980		
									PL 19981		

Ø 80 40.1

F8Q 640, F8Q 678, F8Q 706, F8Q 722, F8Q 730, F8Q 742, F8Q 744 R 4 Diesel, 1870 cm³, 40 - 68 kW (54 - 93 PS), 21,5:1 - 22,5:1 CLIO I 1.9 D 01/1997...09/1998 CLIO I 1.9 D 01/1991...09/1998 EXPRESS 1.9 D 07/1995...10/1997 R 19 I 1.9 D 01/1988...12/1992 R 19 II 1.9 D 03/1992...12/1995 R 19 II 1.9 DT 04/1992...12/1995 RAPID/EXPRESS 1.9 D 09/1991...03/1998	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19986	5	021 HS 20010 000 025 050

Fortsetzung nächste Seite / Continued on next page



Ø 80 - Fortsetzung / Continued

40.2

F8Q 640, F8Q 678, F8Q 706, F8Q 722, F8Q 730, F8Q 742, F8Q 744 R 4 Diesel, 1870 cm³, 40 - 68 kW (54 - 93 PS), 21,5:1 - 22,5:1 CLIO I 1.9 D 01/1997...09/1998 CLIO I 1.9 D 01/1991...09/1998 EXPRESS 1.9 D 07/1995...10/1997 R 19 I 1.9 D 01/1988...12/1992 R 19 II 1.9 D 03/1992...12/1995 R 19 II 1.9 DT 04/1992...12/1995 RAPID/EXPRESS 1.9 D 09/1991...03/1998	48,000	51,587	20,250	1,755		0,030	M780	0,000	PL 19975	4	021 PS 19994 000
	48,020	51,600	20,500	1,768		0,090					
HL 19986											
PL 19975											

Ø 80

41

F8Q 644, F8Q 646, F8Q 764, F8Q 768, F8Q 785, F8Q 788 R 4 Diesel, 1870 cm³, 40 - 70 kW (54 - 95 PS), 20,5:1 - 21,5:1	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	021 HS 20012 000
	54,795	58,744				0,094					

Ø 80

42

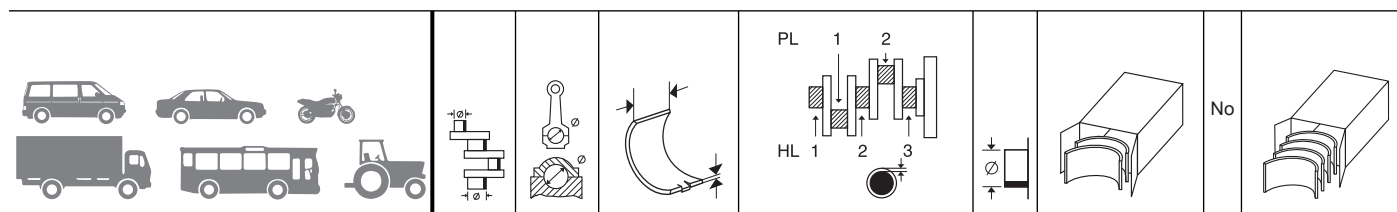
F9Q 718, F9Q 730, F9Q 734 R 4 Diesel, 1870 cm³, 72 kW (98 PS), 18,3:1, Turbo LAGUNA I 1.9 DCI 09/1999...03/2001 LAGUNA II 1.9 DCI 03/2001... MEGANE I 1.9 DTI 03/1997...02/2001 SCENIC I 1.9 DTI 04/1997...08/2003	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	
	54,795	58,744				0,094		0,250			
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	021 HS 20012 000 025 050
	54,795	58,744				0,094		0,250			
	40,425	43,500	19,250	1,50			M250	0,000	LB 19982	1	021 LS 19992 000
	40,450	43,525									
	39,500	42,500	12,500	1,50			M250	0,000	LB 19983	1	
	39,525	42,525									
	48,000	51,587	20,250	1,755		0,030	M780	0,000	PL 19975	4	021 PS 19994 000
	48,020	51,600	20,500	1,768		0,090					
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
	48,020	51,600	20,500	1,768		0,084					
48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000 025	
48,020	51,600				0,089		0,250				
HL 19986											
HL 19987											
PL 19975											
PL 19980											
PL 19981											

Ø 80

43.1

F9Q 760 R 4 Diesel, 1870 cm³, 74 kW (101 PS), 19:1, Turbo TRAFIC II 1.9 DCI 03/2001...	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010
								0,100			

Fortsetzung nächste Seite / Continued on next page



Ø 80 - Fortsetzung / Continued

43.2

F9Q 760 R 4 Diesel, 1870 cm³, 74 kW (101 PS), 19:1, Turbo TRAFIC II 1.9 DCI 03/2001...	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	021 HS 20012 000 025 050
	54,795	58,744				0,094		0,250			
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	
48,020	51,600	20,500	1,768		0,084						
48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000 025	
48,020	51,600				0,089		0,250				
HL 19987											
PL 19980											
PL 19981											

Ø 80

44

F9Q 770 R 4 Diesel, 1870 cm³, 58 kW (79 PS), 18,3:1, Turbo MASTER II 1.9 DTI 09/2000...	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	
54,795	58,744					0,094					

Ø 80

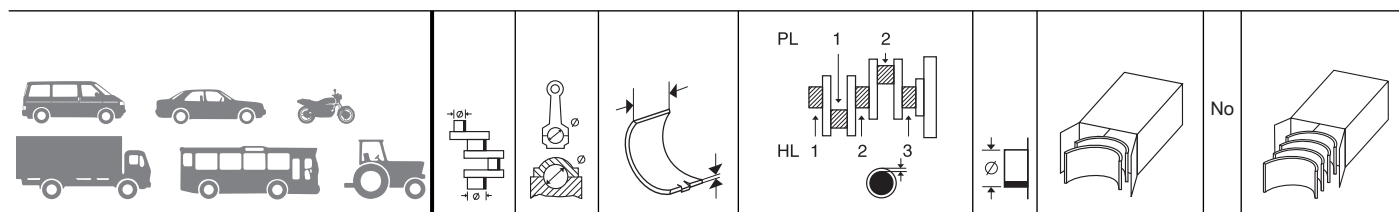
45

F9Q 796, F9Q 870, F9Q 872, F9Q E 804, F9Q J 803 R 4 Diesel, 1870 cm³, 75 - 96 kW (102 - 131 PS), 16,6:1 - 17:1, 8 Ventile GRAND SCENIC II 1.9 DCI 05/2005... GRAND SCENIC III 1.9 DCI 02/2009... MEGANE III 1.9 DCI 11/2008... SCENIC I 1.9 DCI 12/2002...08/2003 SCENIC II 1.9 D 06/2006... SCENIC II 1.9 DCI 11/2004...04/2009	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010

Ø 81

46

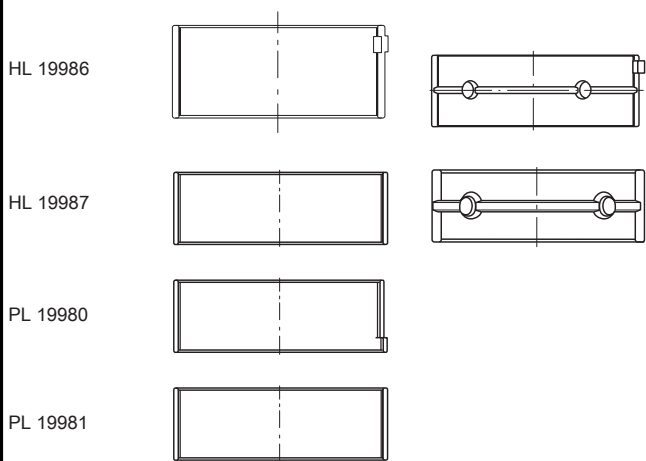
F1N 720, F1N 722, F1N 724, F2N 700, F2N 704, F2N 708, F2N 730, F2N 798, F3N 708 R 4 Benzin, 1721 cm³, 50 - 69 kW (68 - 94 PS), 9,2:1 - 10:1, 8 Ventile R 11 1.7 10/1983...12/1988 R 9 1.7 09/1984...12/1988 TRAFIC 1.7 06/1986...08/1994	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010	
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5		021 HS 20010 000 025 050
	54,795	58,744				0,094		0,250				
48,000	51,587	20,250	1,755		0,030	M780	0,000	PL 19975	4	021 PS 19994 000		
48,020	51,600	20,500	1,768		0,090							
HL 19986												
PL 19975												



Ø 81

47

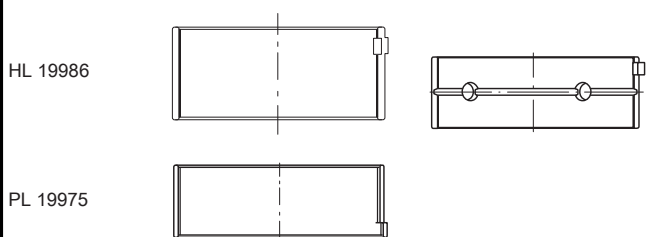
F2N 710, F2N 711, F2N 712, F2N 716, F2N 720, F2N 721, F2N 722, F2N 724, F2N 726, F2N 727, F2N 728, F2N 732, F2N 740, F2N 742, F2N 750, F2N 752, F2N 753, F2N 754, F2N 770, F3N 702, F3N 716, F3N 717, F3N 718, F3N 722, F3N 723, F3N 726, F3N 740, F3N 741, F3N 742, F3N 743, F3N 746 R 4 Benzin, 1721 cm ³ , 54 - 80 kW (73 - 109 PS), 9,2:1 - 10:1, 8 Ventile CLIO I 1.7 R 11 1.7 R 19 I 1.7 R 19 I 1.7 I R 19 II 1.7 R 21 1.7 R 21 1.7 KAT R 5 1.7 R 9 1.7	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19986	5	021 HS 20010 000 025 050
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19987	5	021 HS 20012 000 025 050
	40,425 40,450	43,500 43,525	19,250	1,50			M250	0,000	LB 19982	1	021 LS 19992 000
	39,500 39,525	42,500 42,525	12,500	1,50			M250	0,000	LB 19983	1	
	48,000 48,020	51,587 51,600	20,250 20,500	1,76 1,768		0,031 0,084	M157	0,000	PL 19980	4	021 PS 20001 000
	48,000 48,020	51,587 51,600	20,500	1,768		0,031 0,089	M157	0,000 0,250	PL 19981	4	021 PS 20002 000 025

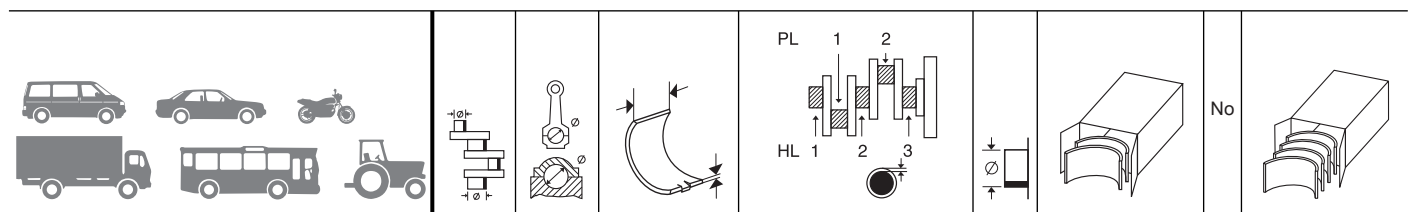


Ø 82

48

F7P 700, F7P 704, F7P 720, F7P 722 R 4 Benzin, 1763 cm ³ , 99 - 103 kW (135 - 140 PS), 10:1 - 10,1:1, 16 Ventile CLIO I 1.8 R 19 I 1.8 R 19 I 1.8 I R 19 II 1.8	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19986	5	021 HS 20010 000 025 050
	40,425 40,450	43,500 43,525	19,250	1,50			M250	0,000	LB 19982	1	021 LS 19992 000
	39,500 39,525	42,500 42,525	12,500	1,50			M250	0,000	LB 19983	1	
	48,000 48,020	51,587 51,600	20,250 20,500	1,755 1,768		0,030 0,090	M780	0,000	PL 19975	4	021 PS 19994 000





Ø 82,7 49

F3P 670, F3P 682, F3P 704, F3P 705, F3P 706, F3P 707, F3P 708, F3P 710, F3P 712, F3P 714, F3P 720, F3P 724, F3P 754, F3P 758, F3P 760, F3P 764 R 4 Benzin, 1794 cm³, 65 - 80 kW (88 - 109 PS), 9,7:1 - 9,8:1, 8 Ventile CLIO I 1.8 01/1991...09/1998 LAGUNA I 1.8 11/1993...03/2001 R 19 II 1.8 04/1992...06/1996 F3P 678, F3P 755 R 4 Benzin, 1783 cm³, 66 kW (90 PS), 9,7:1 - 9,8:1, 8 Ventile CLIO I 1.8 08/1990...09/1998 LAGUNA I 1.8 08/1995...03/2001 F3R 722, F3R 723, F3R 728, F3R 729, F3R 750, F3R 751, F3R 752, F3R 768, F3R 769, F3R 791, F3R 796, F3R 798 R 4 Benzin, 1998 cm³, 80 - 84 kW (109 - 114 PS), 9,5:1 - 9,8:1, 8 Ventile ESPACE III 2.0 11/1996...10/2000 LAGUNA I 2.0 11/1993...03/2001 MEGANE I 2.0 04/1997...08/2003 MEGANE I 2.0 I 01/1996...08/2003 SCENIC I 2.0 I 01/1997...09/1999	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010	
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19986	5	021 HS 20010 000 025 050	
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19987	5	021 HS 20012 000 025 050	
	40,425 40,450	43,500 43,525	19,250	1,50			M250	0,000	LB 19982	1	021 LS 19992 000	
	39,500 39,525	42,500 42,525	12,500	1,50			M250	0,000	LB 19983	1		
	48,000 48,020	51,587 51,600	20,250 20,500	1,76 1,768		0,031 0,084	M157	0,000	PL 19980	4	021 PS 20001 000	
	48,000 48,020	51,587 51,600	20,500	1,768		0,031 0,089	M157	0,000 0,250	PL 19981	4	021 PS 20002 000 025	
	HL 19986											
	HL 19987											
	PL 19980											
PL 19981												

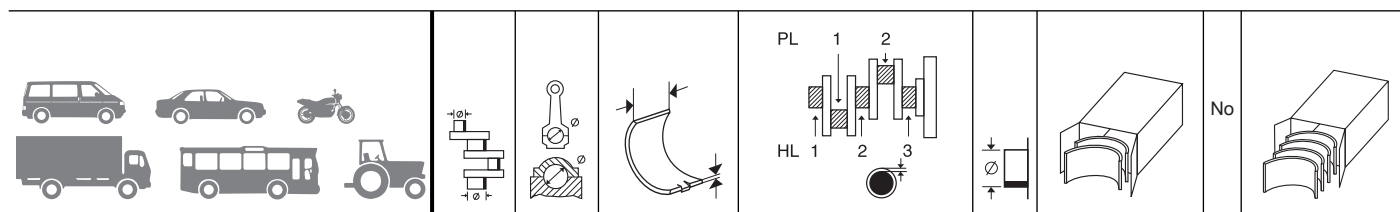
Ø 82,7 50

F3P 674 R 4 Benzin, 1794 cm³, 69 kW (94 PS), 9,7:1, 8 Ventile LAGUNA I 1.8 06/1995...02/2001 F4R 700, F4R 701, F4R 712, F4R 720, F4R 722, F4R 730, F4R 740, F4R 741, F4R 744, F4R 760, F4R 761, F4R 762, F4R 763, F4R 764, F4R 770, F4R 780, F4R 790, F4R 791, F4R 794, F4R 795, F4R 797 R 4 Benzin, 1998 cm³, 88 - 125 kW (120 - 170 PS), 9,3:1 - 11:1 AVANTIME 2.0 T 11/2001...05/2003 CLIO II 2.0 02/2000...05/2005 ESPACE III 2.0 10/1998...10/2002 ESPACE IV 2.0 11/2002...04/2005 GRAND SCENIC II 2.0 04/2004... LAGUNA I 2.0 09/1999...03/2001 LAGUNA II 2.0 08/2002... LAGUNA II 2.0 TURBO 01/2003... MEGANE I 2.0 01/2002...08/2003 MEGANE II 2.0 11/2002...11/2010 SCENIC I 2.0 06/2000...08/2003 SCENIC I 2.0 I 09/1999...08/2003 SCÉNIC II 2.0 02/2008...04/2009 SCENIC II 2.0 I 06/2003... TRAFIC II 2.0 03/2001... VEL SATIS 2.0 TURBO 06/2002...	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000	HL 19987	5	021 HS 20012 000
	48,000 48,020	51,587 51,600	20,250 20,500	1,76 1,768		0,031 0,084	M157	0,000	PL 19980	4	021 PS 20001 000
	48,000 48,020	51,587 51,600	20,500	1,768		0,031 0,089	M157	0,000 0,250	PL 19981	4	021 PS 20002 000 025
	HL 19987										
	PL 19980										
	PL 19981										

Ø 82,7 51.1

F3P 676 R 4 Benzin, 1794 cm³, 69 - 70 kW (94 - 95 PS), 9,7:1, 8 Ventile LAGUNA I 1.8 06/1995...06/1998	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
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Ø 82,7 - Fortsetzung / Continued

51.2

F3P 676 R 4 Benzin, 1794 cm³, 69 - 70 kW (94 - 95 PS), 9,7:1, 8 Ventile LAGUNA I 1.8 06/1995...06/1998	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	021 HS 20010 000 025 050
	54,795	58,744				0,094		0,250			
	48,000	51,587	20,250	1,755		0,030	M780	0,000	PL 19975	4	021 PS 19994 000
	48,020	51,600	20,500	1,768		0,090					
HL 19986											
PL 19975											

Ø 82,7

52

F3P 700, F3P 765 R 4 Benzin, 1794 cm³, 67 - 81 kW (91 - 110 PS), 9,7:1, 8 Ventile R 19 II 1.8 04/1992...06/1996	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010	
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5		021 HS 20010 000 025 050
	54,795	58,744				0,094		0,250				
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000	
	48,020	51,600	20,500	1,768		0,084						
HL 19986												
PL 19980												

Ø 82,7

53

F3R 200 R 4 Benzin, 1998 cm³, 84 kW (114 PS), 9,8:1	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	021 HS 20012 000
	54,795	58,744				0,094					

Ø 82,7

54

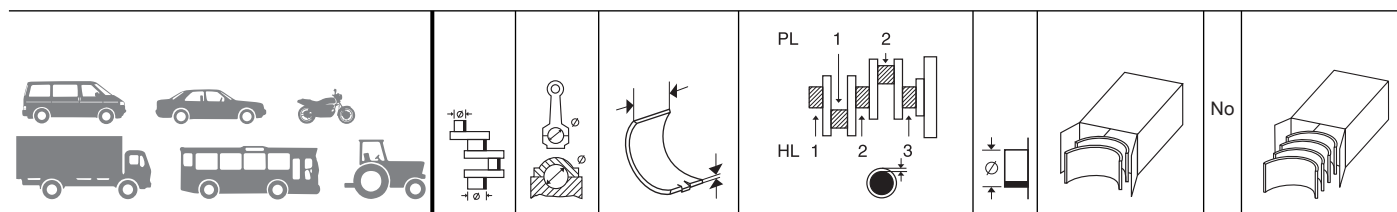
F3R 611, F4R, F5R R 4 Benzin, 1998 cm³, 83 - 110 kW (113 - 150 PS), 9,5:1 - 10:1 DUSTER 2.0 4X4 LAGUNA I 2.0 MEGANE I 2.0 IDE	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	
F4, F4P, F4P 720, F4P 722, F4P 760, F4P 770, F4P 771, F4P 773, F4P 774, F4P 775 R 4 Benzin, 1783 cm³, 85 - 89 kW (116 - 121 PS) LAGUNA I 1.8 LAGUNA II 1.8 MEGANE I 1.8 SCENIC I 1.8	54,795	58,744				0,094		0,250			
								0,500			

Ø 82,7

55.1



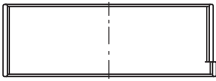
F3R 742, F3R 797 R 4 Benzin, 1998 cm³, 80 - 84 kW (109 - 114 PS), 9,7:1 ESPACE III 2.0 MEGANE I 2.0 MEGANE I 2.0 I	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	
	54,795	58,744				0,094		0,250			
								0,500			

Fortsetzung nächste Seite / Continued on next page



Ø 82,7 - Fortsetzung / Continued

55.2

F3R 742, F3R 797 R 4 Benzin, 1998 cm ³ , 80 - 84 kW (109 - 114 PS), 9,7:1 ESPACE III 2.0 11/1996...10/2000 MEGANE I 2.0 05/1998...05/2001 MEGANE I 2.0 I 09/1996...08/2003	48,000	51,587	20,250	1,755		0,030	M780	0,000	PL 19975	4	021 PS 19994 000
	48,020	51,600	20,500	1,768		0,090					
HL 19987											
PL 19975											




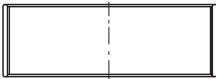
Ø 82,7

56

F4R 713, F4R 714, F4R 715, F4R 738, F4R 746, F4R 765, F4R 771, F4R 786, F4R 787, F4R 796, F4R 820, F4R 867, F4R 870, F4R 872, F4R 897 R 4 Benzin, 1998 cm ³ , 86 - 132 kW (117 - 180 PS), 9,5:1 - 11:1 CLIO II 2.0 01/2004... ESPACE IV 2.0 11/2002... GRAND SCENIC II 2.0 04/2004... LAGUNA II 2.0 08/2002...09/2007 LAGUNA II 2.0 TURBO 01/2003... MEGANE I 2.0 01/2002...08/2003 MEGANE II 2.0 08/2003...09/2003 MEGANE III 2.0 TCE 11/2008...06/2012 SCENIC I 2.0 06/2000...08/2003 SCENIC II 2.0 I 06/2003... TRAFIC II 2.0 16V 08/2006... VEL SATIS 2.0 TURBO 04/2005...	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010

Ø 82,7

57

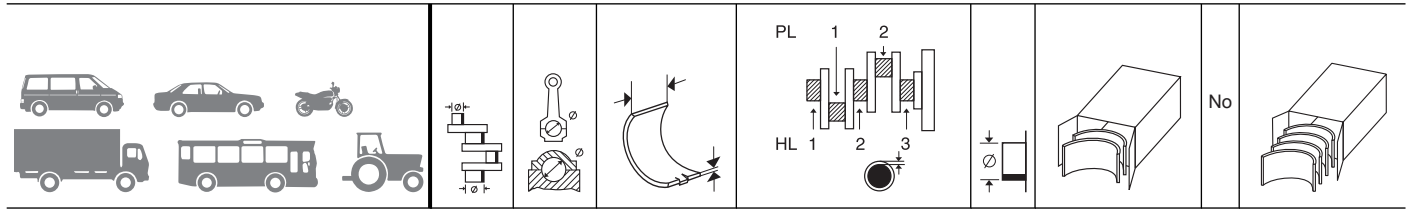
F4R 732 R 4 Benzin, 1998 cm ³ , 124 kW (169 PS), 11:1	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	021 HS 20012 000
	54,795	58,744				0,094					
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
	48,020	51,600	20,500	1,768		0,084					
	48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000 025
	48,020	51,600				0,089		0,250			
HL 19987											
PL 19980											
PL 19981											

Ø 82,7

58.1

F7R 700, F7R 710, F7R 714 R 4 Benzin, 1998 cm ³ , 108 - 110 kW (147 - 150 PS), 9,8:1, 16 Ventile CLIO I 2.0 01/1994...09/1998 MEGANE I 2.0 03/1996...08/2003 SPORT SPIDER 2.0 03/1995...10/1999	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	
	54,795	58,744				0,094		0,250 0,500			
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	021 HS 20012 000
	54,795	58,744				0,094					
	40,425	43,500	19,250	1,50			M250	0,000	LB 19982	1	021 LS 19992 000
	40,450	43,525									
	39,500	42,500	12,500	1,50			M250	0,000	LB 19983	1	
	39,525	42,525									
	48,000	51,587	20,250	1,755		0,030	M780	0,000	PL 19975	4	021 PS 19994 000
	48,020	51,600	20,500	1,768		0,090					
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
48,020	51,600	20,500	1,768		0,084						

Fortsetzung nächste Seite / Continued on next page



Ø 82,7 - Fortsetzung / Continued

58.2

F7R 700, F7R 710, F7R 714 R 4 Benzin, 1998 cm³, 108 - 110 kW (147 - 150 PS), 9,8:1, 16 Ventile CLIO I 2.0 01/1994...09/1998 MEGANE I 2.0 03/1996...08/2003 SPORT SPIDER 2.0 03/1995...10/1999	48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000
	48,020	51,600				0,089		0,250			025
HL 19986											
HL 19987											
PL 19975											
PL 19980											
PL 19981											

Ø 86

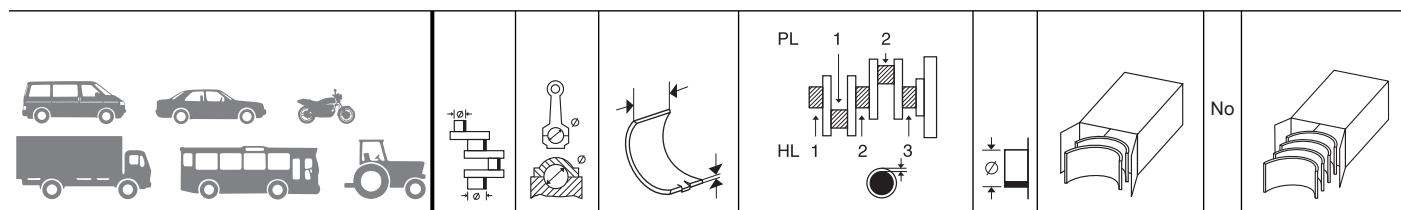
59

852, 852 710, 852 720, 852 750, J8S 240, J8S 330, J8S 600, J8S 620, J8S 702, J8S 711, J8S 740, J8S 750, J8S 774, J8S 784 R 4 Diesel, 2068 cm³, 44 - 73 kW (60 - 99 PS), 21,5:1 ESPACE I 2.1 TD 10/1984...12/1990 MASTER I 2.1 D 08/1980...07/1998 R 18 2.1 D 05/1979...07/1986 R 20 2.1 D 10/1980...12/1983 R 20 2.1 TD 01/1982...12/1983 R 21 2.1 D 05/1989...09/1995 R 30 2.1 TD 02/1982...03/1986 TRAFIC 2.1 D 03/1980...04/1998	71,450	88,090		2,85			M817	0,000	AL 19990	2	021 AS 20008 000
	56,267	60,005	20,750	1,842		0,035	M157	0,000	PL 19979	4	021 PS 19999 000
56,286	60,019				0,093						
AL 19990											
PL 19979											

Ø 86

60

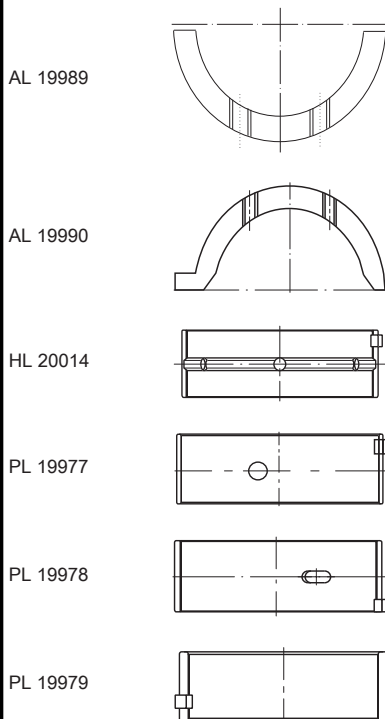
F5R 700 R 4 Benzin, 1998 cm³, 103 kW (140 PS), 10:1 LAGUNA II 2.0 IDE 04/2001...	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5	021 HS 20012 000
	54,795	58,744				0,094					
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
	48,020	51,600	20,500	1,768		0,084					
48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000	
48,020	51,600				0,089		0,250				025
HL 19987											
PL 19980											
PL 19981											



Ø 86											61
F5R 701 R 4 Benzin, 1998 cm³, 103 kW (140 PS), 10:1 LAGUNA II 2.0 IDE 04/2001...	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010

Ø 86 **62**

J8S 604, J8S 610, J8S 612, J8S 622, J8S 704, J8S 706, J8S 708, J8S 712, J8S 714, J8S 736, J8S 738, J8S 742, J8S 746, J8S 758, J8S 760, J8S 772, J8S 776, J8S 778, J8S 786, J8S 788 R 4 Diesel, 2068 cm³, 46 - 65 kW (63 - 88 PS), 21:1 - 21,5:1 ESPACE II 2.1 TD 01/1991...10/1996 FUEGO 2.1 TD 08/1982...10/1985 R 18 2.1 TD 11/1981...07/1986 R 21 2.1 D 03/1986...08/1994 R 21 2.1 TD 04/1986...06/1989 R 21 2.1 TURBO-D 03/1986...06/1994 R 25 2.1 D 04/1984...12/1992 SAFRANE I 2.1 DT 04/1992...09/1996 TRAFIC 2.1 D 06/1994...10/1997	71,450	88,090		2,85			M250	0,000 0,100	AL 19989	2	021 AS 20007 000 010
	71,450	88,090		2,85			M817	0,000 0,100	AL 19990	2	021 AS 20008 000 010
	24,002 24,010	26,000 26,021	25,250				M100	Semi	BB 19974	4	021 BS 20000 300
	62,873 62,892	66,668 66,687	23,500	1,884	1.-5.	0,020 0,071	M157	0,000 0,250	HL 20014	5	021 HS 20005 000 025
	56,267 56,286	60,005 60,019	20,750	1,842		0,035 0,093	M157	0,000	PL 19977	4	021 PS 19997 000
	56,267 56,286	60,005 60,019	20,750	1,842		0,035 0,093	M157	0,000	PL 19978	4	021 PS 19998 000
	56,267 56,286	60,005 60,019	20,750	1,842		0,035 0,093	M157	0,000	PL 19979	4	021 PS 19999 000



Ø 87 **63**

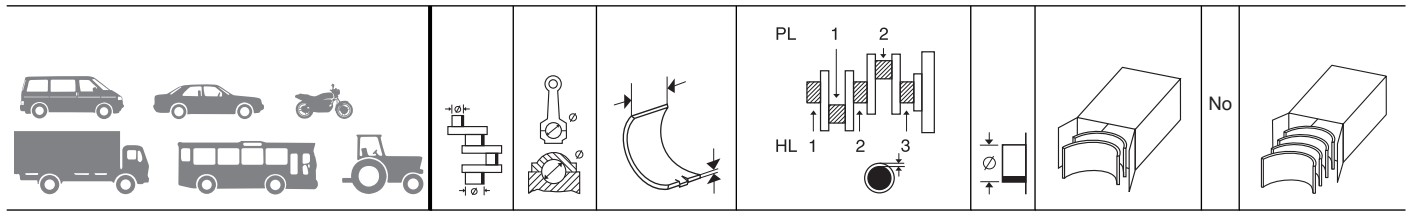
G8T, G8T V760 R 4 Diesel, 2188 cm³, 60 - 83 kW (82 - 113 PS), Turbo, 12 Ventile	47,975	51,612	20,000	1,797		0,022	M218	0,000	PL 20505	4	021 PS 20506 000
	47,991	51,625	20,250	1,803		0,064					
	47,975	51,612	20,400	1,918		0,015	M901	0,250	PL 20519	4	021 PS 20520 025 050
	47,991	51,625	20,650	2,053		0,064					

Ø 87 **64**

G8T 706, G8T 752 R 4 Diesel, 2188 cm³, 61 kW (83 PS), 23:1, 12 Ventile LAGUNA I 2.2 D 11/1993...03/2001	57,990	61,668	20,740	1,81			M920	0,000 0,250	HL 20296	5	021 HS 20297 000 025
	58,000	61,681	20,990	1,816							
	47,975	51,612	20,000	1,797		0,022	M218	0,000	PL 20505	4	021 PS 20506 000
	47,991	51,625	20,250	1,803		0,064					

Ø 87 **65**

G8T 714, G8T 716, G8T 740, G8T 760 R 4 Diesel, 2188 cm³, 83 kW (113 PS), 22:1, Turbo, LLK, 12 Ventile ESPACE III 2.2 D 11/1997...01/2000 ESPACE III 2.2 TD 11/1996...10/2000 LAGUNA I 2.2 DT 03/1996...03/2001 SAFRANE II 2.2 DT 07/1996...12/2000	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	31,013 31,020	33,607	25,410 25,910				M100	Semi	BB 20294	4	021 BS 20295 300
	57,990	61,668	20,740	1,81			M920	0,000 0,250	HL 20296	5	021 HS 20297 000 025
	58,000	61,681	20,990	1,816							



Ø 87 **66**

G8T 790, G8T 794 R 4 Diesel, 2188 cm³, 61 kW (83 PS), 23:1, 12 Ventile LAGUNA I 2.2 D 11/1993...03/2001	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
	57,990 58,000	61,668 61,681	20,740 20,990	1,81 1,816			M920	0,000 0,250	HL 20296	5	021 HS 20297 000 025

Ø 87 **67**

G8T 792 R 4 Diesel, 2188 cm³, 61 kW (83 PS), 23:1	57,990 58,000	61,668 61,681	20,740 20,990	1,81 1,816			M920	0,000 0,250	HL 20296	5	021 HS 20297 000 025
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Ø 87 **68**

G8T E706 R 4 Diesel, 2188 cm³, 61 kW (83 PS), 12 Ventile	47,975 47,991	51,612 51,625	20,000 20,250	1,797 1,803		0,022 0,064	M218	0,000	PL 20505	4	021 PS 20506 000
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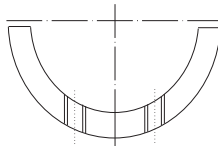
Ø 87 **69**

G9T 600, G9T 605, G9T 606, G9T 607, G9T 642, G9T 645, G9T 700, G9T 702, G9T 703, G9T 704, G9T 706, G9T 707, G9T 710, G9T 712, G9T 720, G9T 722, G9T 742, G9T 743, G9T 750 R 4 Diesel, 2188 cm³, 66 - 110 kW (90 - 150 PS), 17,8:1 - 19:1, 16 Ventile AVANTIME 2.2 DCI 05/2002...05/2003 ESPACE III 2.2 DCI 07/2000...10/2002 ESPACE IV 2.2 DCI 11/2002... LAGUNA II 2.2 DCI 10/2001...05/2005 MASTER II 2.2 DCI 09/2000... VEL SATIS 2.2 DCI 01/2002...04/2005	63,250 63,500	78,550 78,800		2,30 2,35			M157	0,000	AL 20324	2	021 AS 20325 000
	31,013 31,020	33,607	25,410 25,910				M100	Semi	BB 20294	4	021 BS 20295 300
	57,990 58,000	61,668 61,681	20,740 20,990	1,81 1,816			M920	0,000 0,250	HL 20296	5	021 HS 20297 000 025
	52,971 52,990	56,587 56,606	20,400 20,650	1,782 1,792		0,015 0,069	M157	0,000 0,250	PL 20292	4	021 PS 20293 000 025

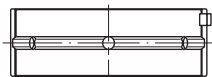
Ø 88 **70**

829 700, 829 701 R 4 Benzin, 1995 cm³, 80 kW (109 PS), 9,2:1 R 20 2.0 10/1977...10/1980	71,450	88,090		2,85			M250	0,000 0,100	AL 19989	2	021 AS 20007 000 010
	62,873 62,892	66,668 66,687	23,500	1,884	1.-5.	0,020 0,071	M157	0,000 0,250	HL 20014	5	021 HS 20005 000 025

AL 19989



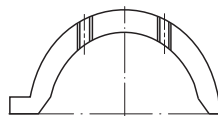
HL 20014



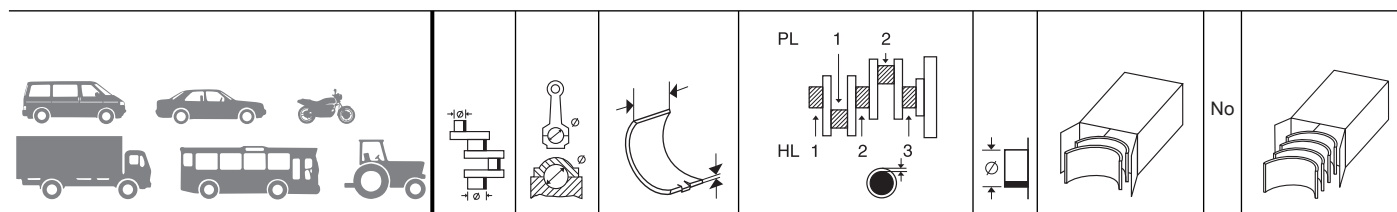
Ø 88 **71.1**

829 702, 829 703, 829 720, 829 721, 829 730, 829 731, J5R 716, J5R 718, J5R 722, J5R 726, J5R 728, J6R 234, J6R 236, J6R 706, J6R 707, J6R 710, J6R 712, J6R 713, J6R 714, J6R 716, J6R 734, J6R 758, J6R 759, J6R 760, J6R 762, J6R 763, J6R 792, J6R 793, J7R 720, J7R 721, J7R 726, J7R 732, J7R 733, J7R 734, J7R 735, J7R 740, J7R 746, J7R 747, J7R 750, J7R 751, J7R 752, J7R 754, J7R 756, J7R 768 R 4 Benzin, 1995 cm³, 57 - 129 kW (78 - 175 PS), 8:1 - 10:1	71,450	88,090		2,85			M817	0,000 0,100	AL 19990	2	021 AS 20008 000 010
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AL 19990



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Ø 88 - Fortsetzung / Continued

71.2

J7R 722, J7R 723, J7R 760 R 4 Benzin, 2165 cm³, 88 - 92 kW (120 - 126 PS), 9,9:1, Hub 89mm ESPACE I 2.0 I R 25 2.0	03/1988...12/1992	03/1987...12/1993	71,450	88,090		2,85			M817	0,000 0,100	AL 19990	2	021 AS 20008 000 010
AL 19990													

Ø 88

72

851 700, J7T 600, J7T 706, J7T 707, J7T 708, J7T 714, J7T 715, J7T 718, J7T 730, J7T 731, J7T 732, J7T 733, J7T 754, J7T 755, J7T 760, J7T 761, J7T 762, J7T 763, J7T 770, J7T 772, J7T 773, J7T 776, J7T 780, J7T 782, J7T 788 R 4 Benzin, 2165 cm³, 67 - 103 kW (91 - 140 PS), 8,6:1 - 9,9:1 ESPACE I 2.2 ESPACE II 2.2 MASTER II 2.2 R 18 2.2 I R 20 2.2 R 21 2.2 R 25 2.2 R 25 2.2 I SAFRANE I 2.2 TRAFIC 2.2	07/1986...12/1990	01/1991...12/1996	71,450	88,090		2,85			M817	0,000 0,100	AL 19990	2	021 AS 20008 000 010
			56,267	60,005	20,750	1,842		0,035	M157	0,000	PL 19979	4	021 PS 19999 000
			56,286	60,019				0,093					
AL 19990													
PL 19979													

Ø 89

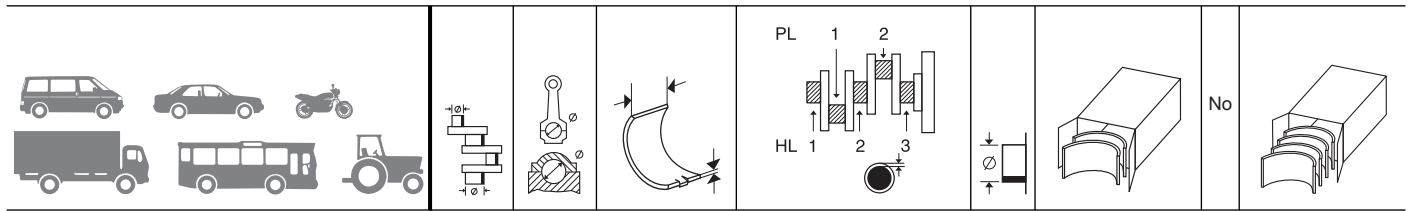
73

G9U 630, G9U 632, G9U 650 R 4 Diesel, 2464 cm³, 74 - 107 kW (101 - 146 PS), 17,8:1 MASTER II 2.5 DCI TRAFIC II 2.5 DCI	08/2006...	08/2006...02/2008	63,250	78,550		2,30			M157	0,000	AL 20324	2	021 AS 20325 000
			63,500	78,800		2,35							
			31,013	33,607	25,410				M100	Semi	BB 20294	4	021 BS 20295 300
			31,020	25,910									
			57,990	61,668	20,740	1,81			M920	0,000	HL 20296	5	021 HS 20297 000 025
			58,000	61,681	20,990	1,816				0,250			
G9U 720, G9U 724, G9U 730, G9U 750, G9U 754 R 4 Diesel, 2463 cm³, 73 - 99 kW (99 - 135 PS), 17,8:1 - 21:1, 16 Ventile MASTER II 2.5 DCI TRAFIC II 2.5 DCI	10/2001...08/2006	03/2001...05/2003	52,971	56,587	20,400	1,782		0,015	M157	0,000	PL 20292	4	021 PS 20293 000 025
			52,990	56,606	20,650	1,792		0,069		0,250			

Ø 93

74

8140.07.2700 R 4 Diesel, 2499 cm³, 55 kW (75 PS), 18:1, 8 Ventile			31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
			31,996	34,920	30,700	1,75							
			86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
			86,208	90,614	30,950	2,174		0,104		0,254 0,508 0,762			
			80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
			80,208	84,614	23,800	2,174		0,102		0,254 0,508 0,762			
			76,171	80,587	31,900	2,164	5.	0,032	M900	0,000	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1994</small>
			76,200	80,616	31,950	2,174		0,104		0,254 0,508			
			76,171	80,587	24,610	2,164	1.2.3.4.	0,039	M900	0,000	HL 20368	4	
			76,200	80,616	24,990	2,174		0,117		0,254 0,508			
			56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220 <small>01/1993...</small>
			56,534	60,348	24,690	1,884		0,092		0,254 0,508			
			56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210 <small>...12/1992</small>
			56,535	60,345	24,700	1,871		0,075		0,254			



Ø 93 75

8140.61.2300, 8140.61.240, S8U 720, S8U 722 R 4 Diesel, 2445 cm³, 49 - 53 kW (67 - 72 PS), 21:1 - 22:1 MASTER I 2.4 D 08/1980...08/1989 MASTER I 2.5 D 09/1980...07/1998 TRAFIC 2.5 D 03/1980...03/2001	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200
	76,200	80,607	31,950	2,172		0,094		0,254			210
											220
	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4	
	76,200	80,607	25,000	2,172		0,094		0,254			
	56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200
	56,535	60,345	24,700	1,899		0,075		0,254			210
								0,508			220



Ø 93 76

8140.27.2500, .27.2510, .27.2580, .67.2510, .67.2550, 8140 67.2500, .2580, S8U 750, S8U 752, S8U 758, S8U 780, S9U 702, S9U 714, S9U 740 R 4 Diesel, 2499 cm³, 53 - 72 kW (72 - 98 PS), 17,5:1 - 22:1 MASTER I 2.5 DT 11/1989...02/1998 MASTER I 2.5 TD 08/1989...07/1998 TRAFIC 2.5 D 03/1989...03/2001	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200
	86,208	90,614	30,950	2,174		0,104		0,254			210
								0,508			220
								0,762			230
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
	80,208	84,614	23,800	2,174		0,102		0,254			
								0,508			
								0,762			
	56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200
	56,535	60,345	24,700	1,871		0,075		0,254			210

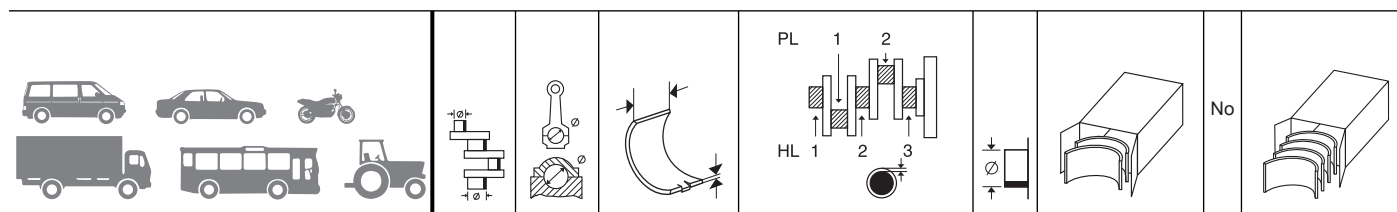
Ø 93 77

S8U 730 R 4 Diesel, 2445 cm³, 49 - 53 kW (67 - 72 PS), 22:1 MASTER I 2.4 D 07/1983...02/1998	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200
	76,200	80,607	31,950	2,172		0,094		0,254			210
								0,508			220
	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4	
	76,200	80,607	25,000	2,172		0,094		0,254			
								0,508			
	56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200
	56,535	60,345	24,700	1,871		0,075		0,254			210

Ø 93 78.1

S8U 731 R 4 Diesel, 2445 cm³, 49 - 53 kW (67 - 72 PS), 22:1 MASTER I 2.4 D 07/1980...10/1989 MASTER I 2.5 D 09/1980...07/1998	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200
	86,208	90,614	30,950	2,174		0,104		0,254			210
								0,508			220
								0,762			230
S8U 770 R 4 Diesel, 2499 cm³, 60 kW (82 PS), 22,5:1 MASTER II 2.5 D 07/1998...01/2001	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
	80,208	84,614	23,800	2,174		0,102		0,254			
								0,508			
								0,762			
	76,171	80,587	31,900	2,164	5.	0,032	M900	0,000	FL 20369	1	007 HS 20370 200
	76,200	80,616	31,950	2,174		0,104		0,254			210
								0,508			220
	76,171	80,587	24,610	2,164	1.2.3.4.	0,039	M900	0,000	HL 20368	4	
	76,200	80,616	24,990	2,174		0,117		0,254			
								0,508			
	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200
	76,200	80,607	31,950	2,172		0,094		0,254			210
								0,508			220
	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4	
	76,200	80,607	25,000	2,172		0,094		0,254			
								0,508			
	56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200
	56,534	60,348	24,690	1,884		0,092		0,254			210
								0,508			220

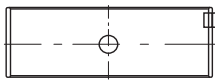
Fortsetzung nächste Seite / Continued on next page



Ø 93 - Fortsetzung / Continued

78.2

S8U 731 R 4 Diesel, 2445 cm³, 49 - 53 kW (67 - 72 PS), 22:1 MASTER I 2.4 D 07/1980...10/1989 MASTER I 2.5 D 09/1980...07/1998	56,520	60,333	24,450	1,889			0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220
	56,535	60,345	24,700	1,899			0,075		0,254			
S8U 770 R 4 Diesel, 2499 cm³, 60 kW (82 PS), 22.5:1 MASTER II 2.5 D 07/1998...01/2001	56,520	60,333	24,450	1,861			0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210
	56,535	60,345	24,700	1,871			0,075		0,254			



Ø 93

79

S8U 742 R 4 Diesel, 2499 cm³, 53 - 55 kW (72 - 75 PS), 21:1 MASTER I 2.5 D 07/1980...07/1998	31,990	34,895	30,200	1,70				M5	Semi	BB 20393	4	007 BS 20394 300 403) 344183	
	31,996	34,920	30,700	1,75									
	86,182	90,588	30,870	2,164	5		0,032	M114	0,000	FL 20358	1	007 HS 20359 200 210 220 230	
	86,208	90,614	30,950	2,174			0,104		0,254				0,508
									0,508				
	80,182	84,588	23,550	2,164	1,2,3,4		0,032	M114	0,000	HL 20357	4		
	80,208	84,614	23,800	2,174			0,102		0,254				
								0,508					0,762
76,171	80,587	31,900	2,164	5.		0,032	M900	0,000	FL 20369	1	007 HS 20370 200 210 220		
76,200	80,616	31,950	2,174			0,104		0,254					0,508
76,171	80,587	24,610	2,164	1.2.3.4.		0,039	M900	0,000	HL 20368	4			
76,200	80,616	24,990	2,174			0,117		0,254					0,508
56,506	60,333	24,430	1,875			0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220		
56,534	60,348	24,690	1,884			0,092		0,254					0,508
56,520	60,333	24,450	1,861			0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210		
56,535	60,345	24,700	1,871			0,075		0,254					

Ø 93

80

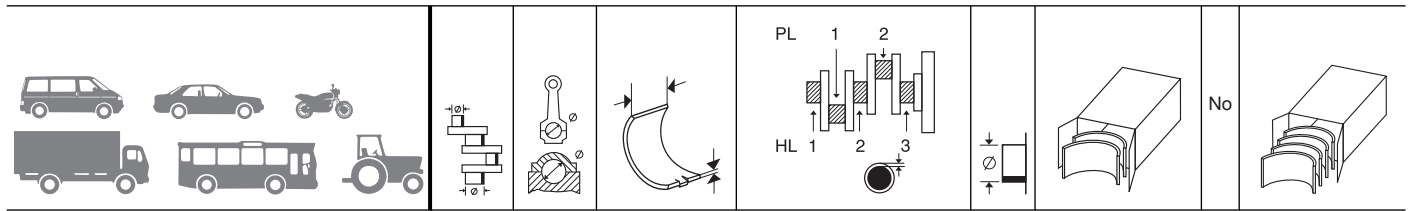
S8U 748 R 4 Diesel, 2499 cm³, 52 - 55 kW (72 - 75 PS), 21:1	31,990	34,895	30,200	1,70				M5	Semi	BB 20393	4	007 BS 20394 300 403) 344183	
	31,996	34,920	30,700	1,75									
	86,182	90,588	30,870	2,164	5		0,032	M114	0,000	FL 20358	1	007 HS 20359 200 210 220 230	
	86,208	90,614	30,950	2,174			0,104		0,254				0,508
								0,508					0,762
80,182	84,588	23,550	2,164	1,2,3,4		0,032	M114	0,000	HL 20357	4			
80,208	84,614	23,800	2,174			0,102		0,254					0,508
								0,508					0,762
56,506	60,333	24,430	1,875			0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220		
56,534	60,348	24,690	1,884			0,092		0,254					0,508

Ø 93

81.1

S8U 762 R 4 Diesel, 2499 cm³, 81 - 85 kW (110 - 115 PS), 21:1 SAFRANE I 2.5 DT 12/1992...07/1996	31,990	34,895	30,200	1,70				M5	Semi	BB 20393	4	007 BS 20394 300 403) 344183	
	31,996	34,920	30,700	1,75									
	86,182	90,588	30,870	2,164	5		0,032	M114	0,000	FL 20358	1	007 HS 20359 200 210 220 230	
	86,208	90,614	30,950	2,174			0,104		0,254				0,508
								0,508					0,762
80,182	84,588	23,550	2,164	1,2,3,4		0,032	M114	0,000	HL 20357	4			
80,208	84,614	23,800	2,174			0,102		0,254					0,508
								0,508					0,762
76,171	80,587	31,900	2,164	5.		0,032	M900	0,000	FL 20369	1	007 HS 20370 200 210 220		
76,200	80,616	31,950	2,174			0,104		0,254					0,508
76,171	80,587	24,610	2,164	1.2.3.4.		0,039	M900	0,000	HL 20368	4			
76,200	80,616	24,990	2,174			0,117		0,254					0,508

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Ø 93 - Fortsetzung / Continued

81.2

S8U 762 R 4 Diesel, 2499 cm³, 81 - 85 kW (110 - 115 PS), 21:1 SAFRANE I 2.5 DT 12/1992...07/1996	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220	
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4		
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4		007 PS 20182 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4		007 PS 20224 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4		007 PS 20350 200 210
PL 20223												

Ø 93

82

S8U 763, S8U S758, S8U T748, S9U D714 R 4 Diesel, 2499 cm³, 83 kW (113 PS), 18,5:1 - 22:1, Turbo, LLK SAFRANE I 2.5 DT 12/1992...07/1996	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small> 007 HS 20359 200 210 220 230 <small>01/1995...</small>	
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1		
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4		
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1		007 HS 20370 200 210 220 <small>01/1993...12/1995</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4		
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4		007 PS 20182 200 210 220

Ø 93

83

S8U D700, S8U D750, S9U C704 R 4 Diesel, 2499 cm³, 75 - 89 kW (102 - 121 PS), 18,5:1 - 22:1	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small> 007 HS 20370 200 210 220 <small>01/1993...12/1995</small>	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1		
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4		
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4		007 PS 20182 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4		007 PS 20350 200 210

Ø 93

84

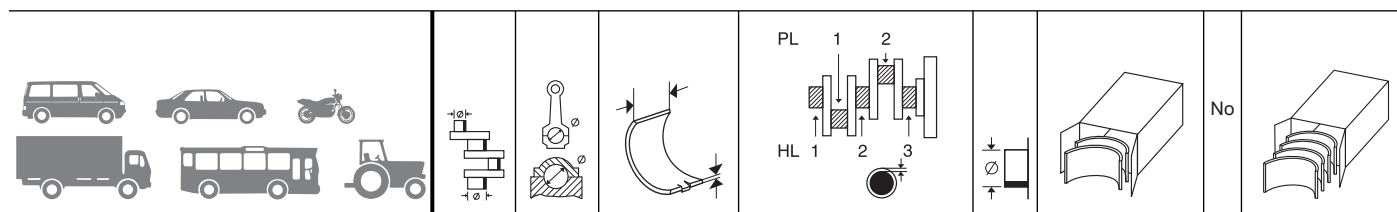
S9U 700 R 4 Diesel, 2499 cm³, 59 kW (80 PS), 18,5:1	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small> 007 PS 20350 200 210
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	

Ø 94,4

85.1

8140.43.2585 R 4 Diesel, 2800 cm³, 90 kW (122 PS), 18,5:1, 8 Ventile	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300
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Ø 94,4 - Fortsetzung / Continued

85.2

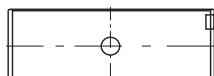
8140.43.2585 R 4 Diesel, 2800 cm³, 90 kW (122 PS), 18,5:1, 8 Ventile	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	

Ø 94,4

86

S9W 700 R 4 Diesel, 2799 cm³, 84 kW (114 PS), 19:1	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230 <small>01/1995...</small>
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220 <small>01/1993...12/1995</small>
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220 <small>...12/1992</small>
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	007 PS 20224 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210

PL 20223

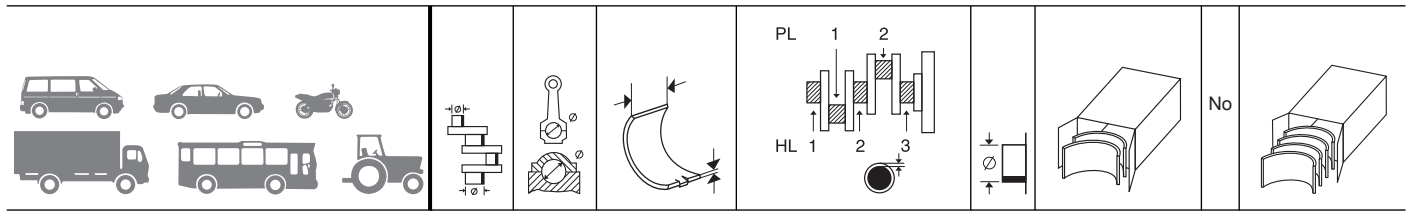


Ø 94,4

87.1

S9W 702 R 4 Diesel, 2799 cm³, 84 kW (114 PS), 19:1 MASTER II 2.8 DTI 07/1998...10/2001	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	

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Ø 94,4 - Fortsetzung / Continued

87.2

S9W 702 R 4 Diesel, 2799 cm³, 84 kW (114 PS), 19:1 MASTER II 2.8 DTI 07/1998...10/2001	76,187	80,587	31,880	2,159	5.	0,043	M900	0,000	FL 20378	1	007 HS 20379 200 210 220
	76,200	80,607	31,950	2,172		0,094		0,254			
	76,187	80,587	24,600	2,163	1.2.3.4.	0,043	M900	0,000	HL 20377	4	
	76,200	80,607	25,000	2,172		0,094		0,254			
	56,506	60,333	24,430	1,875		0,031	M900	0,000	PL 20181	4	007 PS 20182 200 210 220
56,534	60,348	24,690	1,884		0,092		0,254				
56,520	60,333	24,450	1,889		0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220	
56,535	60,345	24,700	1,899		0,075		0,254				
56,520	60,333	24,450	1,861		0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210	
56,535	60,345	24,700	1,871		0,075		0,254				
PL 20223											

Ø 102

88

MIDR 06.02.12, MIDR 06.02.12D, MIDS 06.02.12, MIDS 06.02.12C, MIDS 06.02.12 D/3 R 6 Diesel, 5490 cm³, 97 - 134 kW (132 - 182 PS), Turbo, 2 Ventile	77,000	94,750		3,10			M250	0,000	AL 20527	4	209 AS 20528 000
	77,250	95,000		3,15							
MIDR 06.02.26, MIDR 06.02.26 D, .02.26 H, .02.26 Q, MIDR 06.02.26U, .02.26V, .02.26X R 6 Diesel, 6180 cm³, 110 - 166 kW (150 - 226 PS), 17:1 - 18:1, Turbo, LLK	76,002	80,000	28,000	1,96			M901	0,000	HL 20525	7	209 HS 20526 000 025 050
	76,021	80,019						0,250			
MIDR 06.02.26W, Euro 1 R 6 Diesel, 6180 cm³, 151 kW (205 PS), 17,5:1								0,500			
MIDS 06.02.12 B R 6 Diesel, 5490 cm³, 113 - 117 kW (154 - 159 PS), 17:1											

Ø 108

89

DXi 5 R 4 Diesel, 4764 cm³, 118 - 162 kW (160 - 220 PS), 18:1	91,400	113,750		2,89			M916	0,000	AL 21576	4	209 AS 21577 000
	91,700	114,000		2,95							
DXi 7 R 6 Diesel, 7200 cm³, 177 - 235 kW (240 - 320 PS), 24 Ventile											

Ø 120

90

M 23, M 620 B, M 620 P, M 620 T, M 620 Z, M 620 Z3, MDZ 23 M, MDZ 620, MDZ 620 Z, MH 620 R 6 Diesel, 9500 cm³, 132 kW (180 PS)	100,500	121,650		2,89			M250	0,000	AL 20419	4	209 AS 20420 000
	100,720	121,900		2,94							
	89,940	96,000	63,370	2,977			M114	0,000	HL 20414	3	
89,960	96,027	63,620	2,987				0,250				
	89,940	96,000	40,000	2,97			M114	0,000	HL 20415	4	
	89,960	96,027	40,250	2,98				0,500			

Ø 120

91

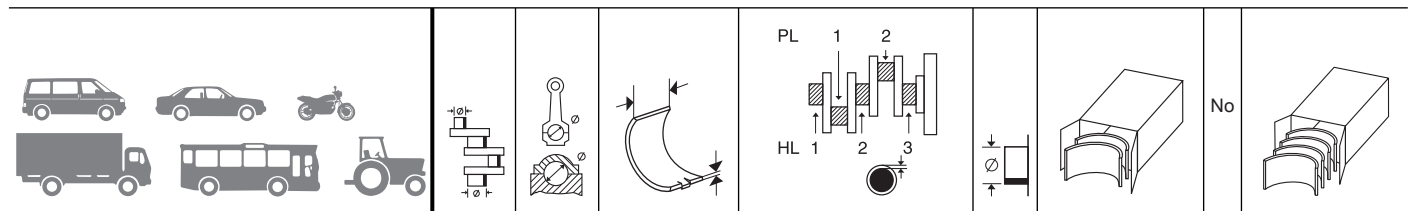
MDZ 23 R 5 Diesel, 7917 cm³, 111 kW (151 PS), 17:1	89,940	96,000	63,370	2,977			M114	0,000	HL 20414	3	209 HS 20416 000 025 050
	89,960	96,027	63,620	2,987				0,250			
	89,940	96,000	40,000	2,97			M114	0,000	HL 20415	4	
	89,960	96,027	40,250	2,98				0,500			

Ø 120

92.1

MID 06.20.30 C, MIDR 06.20.30 A, MIDS 06.20.30 N, .20.30 P, MIP 06.20.30 R 6 Diesel, 8820 cm³, 135 - 194 kW (184 - 264 PS), 15:1 - 17:1	95,966	102,000	33,750	2,972			M114	0,000	HL 20227	7	209 HS 20228 000 025 050
	95,988	102,022	34,000	2,982				0,250			
	95,966	102,000	33,750	2,972			M114	0,000	HL 20229	7	209 HS 20230 000 025 050
	95,988	102,022	34,000	2,982				0,250			

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Ø 120 - Fortsetzung / Continued

92.2

MID 06.20.30 G R 6 Diesel, 8822 cm³, 141 kW (192 PS), 17:1, 12 Ventile	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20227	7	209 HS 20228 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250 0,500			
MID 06.20.45, MIDR 06.20.45 B3, .20.45 D3, MIDS 06.20.45 F, .20.45 J, MIPR 06.20.45 A, MIPR 06.20.45 A3, .20.45 B3, .20.45 C3 R 6 Diesel, 9840 cm³, 144 - 222 kW (196 - 302 PS), 12 Ventile	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20229	7	209 HS 20230 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250 0,500			
MIDR 06.20.45 R 6 Diesel, 9771 cm³, 214 - 222 kW (291 - 302 PS), 16:1, 12 Ventile											
MIDR 06.20.45 A, .20.45 D, MIDR 06.20.45 E3, MIDR 06.20.45 H, MIDS 06.20.45, MIDS 06.20.45 B, .20.45 D, MIPS 06.20.45 R 6 Diesel, 9839 cm³, 129 - 249 kW (175 - 339 PS), 16:1 - 17:1, 12 Ventile											
MIDR 06.20.45 J3 R 6 Diesel, 9800 cm³, 168 kW (228 PS), 17:1, 12 Ventile											
MIDS 06.20.30 R 6 Diesel, 8821 cm³, 159 - 169 kW (216 - 230 PS), 12 Ventile											

Ø 120

93

MIDR 06.20.45 C R 6 Diesel, 9840 cm³, 206 - 210 kW (280 - 285 PS), 17:1, 12 Ventile	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20227	7	209 HS 20228 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250 0,500			
MIPS 06.20.30 R 6 Diesel, 8820 cm³, 166 kW (226 PS), 17:1, Turbo, LLK											

Ø 120

94

MIDR 06.20.45 E2 R 6 Diesel, 9839 cm³, 249 kW (339 PS), 17:1, Turbo, LLK, 12 Ventile	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20227	7	209 HS 20228 000 025 050	
	95,988	102,022	34,000	2,982		0,112		0,250 0,500				
	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20229	7		209 HS 20230 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250 0,500				
	89,940	96,000	63,370	2,977		0,066	M114	0,000	HL 20414	3	209 HS 20416 000 025 050	
	89,960	96,027	63,620	2,987		0,133		0,250 0,500				
	89,940	96,000	40,000	2,97		0,066	M114	0,000	HL 20415	4		
	89,960	96,027	40,250	2,98		0,133		0,250 0,500				

Ø 123

95

dCi 11-270, dCi 11 B/43, DCi 11C, DCi 11E, DCi 11G R 6 Diesel, 11100 cm³, 195 - 303 kW (265 - 412 PS)	114,000	137,750	3,080	3,08			M901	0,000	AL 21555	4	209 AS 21556 000
	114,025	138,000	3,160	3,16							
	101,966	108,000	32,750	2,972		0,048	M900	0,000	HL 21551	7	209 HS 21552 000 025 050
	101,988	108,022	33,000	2,982		0,112		0,250 0,500			

Ø 123

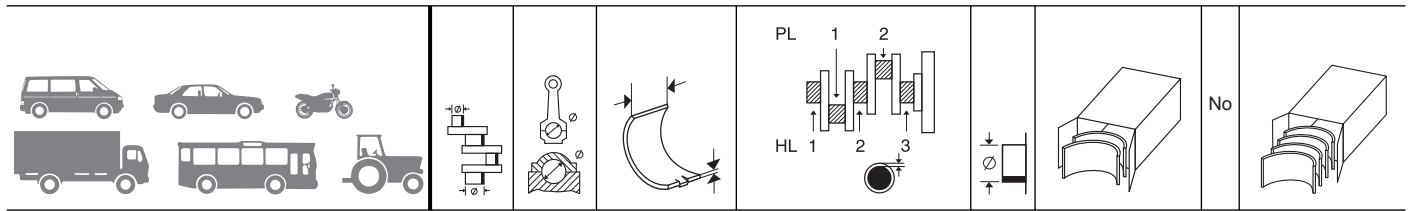
96

DXi 11 R 6 Diesel, 10800 cm³, 272 - 331 kW (370 - 450 PS), 18:1, Hub 152mm, Turbo, LLK, 24 Ventile	116,590	139,680		0,421			M250	0,100	AL 19921	2	038 AS 19922 010
	117,090	139,930		3,19							
	107,978	113,040	31,800	2,484		0,046	M901	0,000	HL 20096	7	038 HS 20097 000 025 050
	108,000	113,065	32,000	2,497		0,119		0,250 0,500			

Ø 123

97

MIDR 06.23.56 R 6 Diesel, 11160 cm³, 294 kW (400 PS), 17:1	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20227	7	209 HS 20228 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250 0,500			
	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20229	7	209 HS 20230 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250 0,500			

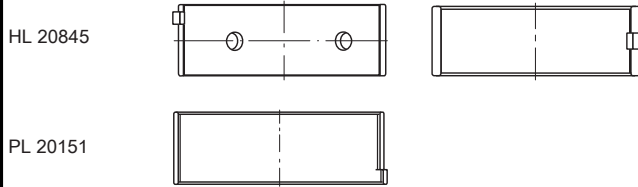


Ø 123 **98**

MIDR 06.23.56 A/3 , Euro 2 R 6 Diesel, 11100 cm³, 255 kW (347 PS), 12 Ventile	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20229	7	209 HS 20230 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250 0,500			
MIDR 06.23.56 A/41 , MIDR 06.23.56 B41 , Euro 2 R 6 Diesel, 11122 cm³, 280 - 288 kW (381 - 392 PS), 17:1, Turbo, LLK, 12 Ventile											

Ø 124 **99**

MIDR 06.24.65 A/42 , .24.65 B/42 , .24.65 C/42 R 6 Diesel, 12000 cm³, 287 - 346 kW (390 - 471 PS), 15,3:1, 2 Ventile	127,250	151,850		3,48			M901	0,000	AL 20149	4	209 AS 20150 000
	127,500	152,100		3,53							
MIDR 06.24.65 A/46 , MIDR 06.24.65 AB , MIDR 06.24.65 B/46 , .24.65 C/46 , Euro 2 6 Diesel, 11956 cm³, 287 - 346 kW (390 - 471 PS), 16,5:1, Turbo, LLK, 24 Ventile	114,209	122,370	31,550	4,028		0,056	M900	0,000	HL 20845	4	209 HS 20870 000 025
	114,234	122,403	31,800	4,04		0,138		0,250			
	114,209	122,370	47,450	4,028		0,056	M900	0,000	HL 20846	1	
	114,234	122,403	47,700	4,04		0,138		0,250			
	114,209	122,370	31,550	4,028		0,056	M900	0,000	HL 20835	1	
	114,234	122,403	31,800	4,04		0,138		0,250			
	114,209	122,370	47,450	4,028		0,056	M900	0,000	HL 20834	1	
	114,234	122,403	47,700	4,04		0,138		0,250			
	82,474	87,097	40,250	2,25		0,039	M900	0,000	PL 20151	6	209 PS 20152 000 025
	82,499	87,149	40,500	2,262		0,138		0,250			



Ø 131 **100**

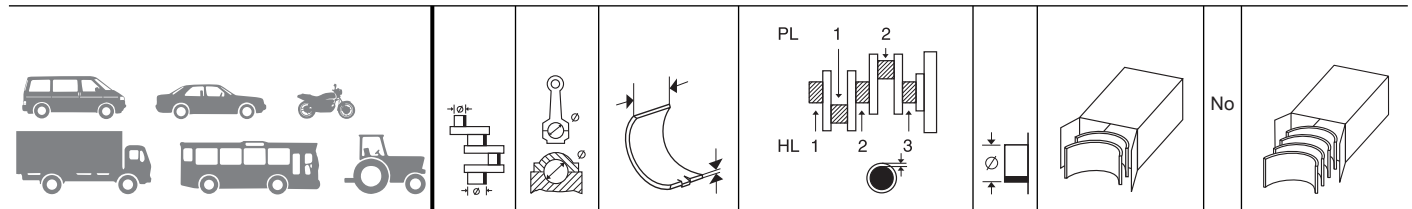
DXi 13 440 , DXi 13 480 , Euro 4/5 R 6 Diesel, 12780 cm³, 323 - 353 kW (440 - 480 PS), 18:1, Hub 158mm, Turbo, LLK, 24 Ventile	107,978	113,040	37,500	2,485		0,046	M900	0,250	037 HL 21040 000 025 050 075 100	7	037 HS 21041 000 025 050 075 100
	108,000	113,065	37,800	2,497		0,117		0,500 0,750 1,000			
DXi 13 520 , Euro 4/5 R 6 Diesel, 12800 cm³, 382 kW (520 PS), 18:1, Hub 158mm, Turbo, LLK, 24 Ventile											

Ø 131 **101**

DXi 13 460 , DXi 13 500 , Euro 4/5 R 6 Diesel, 12800 cm³, 338 - 368 kW (460 - 500 PS), 18:1, Turbo, LLK, 24 Ventile	107,978	113,040	37,500	2,485		0,046	M900	0,250	037 HL 21040 000 025 050 075 100	7	037 HS 21041 000 025 050 075 100
	108,000	113,065	37,800	2,497		0,117		0,500 0,750 1,000			

Ø 135 **102**

M635.40 , M635.40 A , .40 C, M635.40 CD , .40 CP, .40 CZ, .40 ET, MD635.40 , R 63540 R 6 Diesel, 12000 cm³, 176 - 184 kW (240 - 250 PS)	100,500	121,650		2,89			M250	0,000	AL 20419	4	209 AS 20420 000
	100,720	121,900		2,94							
MDR 635.40 , MDS 635.40 , MIDR 06.35.40 , MIDR 06.35.40 G , .35.40 H, MIDR 06.35.40 J/3 , MIDR 06.35.40 J1 , .35.40 L1, MIDR 06.35.40 N/3 , MIDS 06.35.40 , MIDS 06.35.40 C , .35.40 D, .35.40 G, MS 06.35 T R 6 Diesel, 12024 cm³, 191 - 314 kW (260 - 427 PS), Turbo, LLK	89,940	96,000	63,370	2,977		0,066	M114	0,000	HL 20414	3	209 HS 20416 000 025 050
	89,960	96,027	63,620	2,987		0,133		0,250 0,500			
MIDR 06.35.40 C R 6 Diesel, 11941 cm³, 224 - 228 kW (305 - 310 PS), 15:1, 12 Ventile	89,940	96,000	40,000	2,97		0,066	M114	0,000	HL 20415	4	
	89,960	96,027	40,250	2,98		0,133		0,250 0,500			



RENAULT TRUCKS

Ø 94,4 1

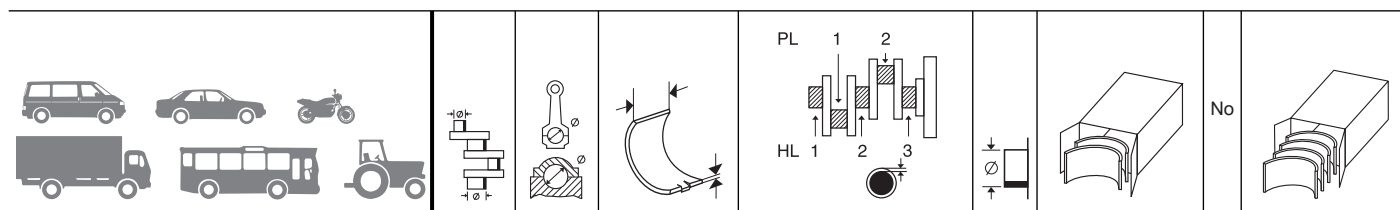
8140.43.2585 R 4 Diesel, 2800 cm³, 90 kW (122 PS), 18,5:1, 8 Ventile MESSENGER B 120.35 09/1996...06/1999	31,990 31,996	34,895 34,920	30,200 30,700	1,70 1,75			M5	Semi	BB 20393	4	007 BS 20394 300
	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220

Ø 102 2

MIDR 06.02.12D, MIDS 06.02.12C, MIDS 06.02.12 D/3 R 6 Diesel, 5490 cm³, 97 - 134 kW (132 - 182 PS), 2 Ventile G 170.15 05/1983...02/1990 M 140.13 04/1989...03/1993 ME 180.15 05/1989...03/1993 S 140.08 01/1990...09/1993 S 150.09 01/1994...05/1996 S 170.13TI 10/1982...09/1993 S 170.14 10/1982...03/1993	77,000 77,250	94,750 95,000		3,10 3,15			M250	0,000	AL 20527	4	209 AS 20528 000		
	76,002 76,021	80,000 80,019	28,000	1,96		0,051 0,109	M901	0,000 0,250 0,500	HL 20525	7	209 HS 20526 000 025 050		
MIDR 06.02.26, MIDR 06.02.26 D, .02.26 H, .02.26 Q, MIDR 06.02.26U, .02.26V, .02.26X R 6 Diesel, 6180 cm³, 110 - 166 kW (150 - 226 PS), 17:1 - 18:1, Turbo, LLK CLR 230 09/1990...10/1998 C 230TI 05/1990...07/1992 G 200.17 05/1990...03/1993 G 230TI.17 02/1990...10/1996 G 200.16 09/1991...03/1993 G 230TI.18 09/1991...10/1996 G 230TI.19 10/1992...05/1995 M 200.14 05/1988...03/1993 M 230.16 05/1989...10/1996 S 150.08 11/1992...01/1994 S 180.09 11/1992...10/1996 S 220.14TI 09/1987...09/1990													
	MIDR 06.02.26W, Euro 1 R 6 Diesel, 6180 cm³, 151 kW (205 PS), 17,5:1 G 210.16 05/1992...10/1996 M 210.15 05/1992...01/2000 S 210.08 04/1995...01/2000												
		MIDS 06.02.12 B R 6 Diesel, 5490 cm³, 113 - 117 kW (154 - 159 PS), 17:1 ME 160.15 05/1989...03/1993 S 150.09TI 04/1986...09/1990 S 160.09 01/1990...09/1993											

Ø 108 3

DXi 5 R 4 Diesel, 4764 cm³, 118 - 162 kW (160 - 220 PS), 18:1 160.10 05/2006...	91,400 91,700	113,750 114,000		2,89 2,95			M916	0,000	AL 21576	4	209 AS 21577 000
DXi 7 R 6 Diesel, 7200 cm³, 177 - 235 kW (240 - 320 PS), 24 Ventile 240.14 05/2006... 280.18 10/2005... 320.26 10/2005...05/2006 310.26 10/2006...											

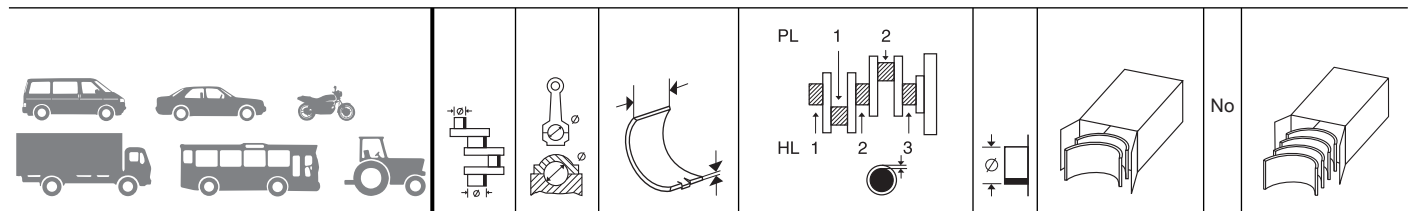


Ø 120 4

MIDR 06.20.45 R 6 Diesel, 9771 cm³, 214 - 222 kW (291 - 302 PS), 16:1, 12 Ventile G 290.24 11/1985...12/1989	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20227	7	209 HS 20228 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250			
MIDR 06.20.45 B3, .20.45 D3, MIDS 06.20.45 J, MIPR 06.20.45 A3 R 6 Diesel, 9840 cm³, 161 - 222 kW (219 - 302 PS), Turbo, LLK, 2 Ventile C 290.26, C 300.26 10/1982...10/1998 C 300.26 04/1987...10/1998 G 220.19 BOM 03/1991...09/1991 G 220.17 BOM 03/1991...10/1996 G 300.25 09/1991...10/1996 G 270.19 01/1993...10/1996 G 300.18 10/1992...10/1996 PR 180 01/1987...12/1989	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20229	7	209 HS 20230 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250			
MIDR 06.20.45 D, MIDR 06.20.45 E3, MIDR 06.20.45 H, MIDS 06.20.45, MIDS 06.20.45 B R 6 Diesel, 9839 cm³, 191 - 249 kW (260 - 339 PS), 16:1 - 17:1, 12 Ventile CCH 300.30 09/1990...03/1993 C 260.26 10/1982...05/1991 C 280 07/1992...03/1993 C 290.19/T 05/1986...05/1991 C 290.26, C 300.26 10/1982...10/1998 C 300.26 04/1987...10/1998 C 340TI.17/T 07/1990...10/1998 G 260 10/1982...09/1991 G 280.13 01/1990...09/1991 G 290.19 11/1985...12/1989 G 300.24 01/1990...10/1996 G 320.19 11/1988...05/1990 G 330.16 02/1990...08/1991 G 340TI.19, G 330.19, G 330.17 01/1990...08/1991 R 340TI.18 05/1991...10/1996 G 280.16, G 270.16 09/1991...10/1996 G 330.19 09/1991...03/1993 G 340TI.19, G 330.19 02/1990...10/1996 G 280.18 10/1992...03/1993 G 300.18 09/1992...10/1996 G 340TI.26 10/1992...06/1997											
MIDS 06.20.30 R 6 Diesel, 8821 cm³, 159 - 169 kW (216 - 230 PS), 12 Ventile G 230 SP 09/1991...03/1993 TB 231/T 06/1980...											
MIDS 06.20.30 N, .20.30 P R 6 Diesel, 8820 cm³, 153 - 177 kW (208 - 240 PS), 17:1, Turbo, LLK, 12 Ventile C 210.19 12/1983...05/1991 G 210.19 11/1983...02/1990 G 230.15 01/1985...03/1993 G 230 SP 09/1991...03/1993											

Ø 120 5

MIDR 06.20.45 E2 R 6 Diesel, 9839 cm³, 249 kW (339 PS), 17:1, Turbo, LLK, 12 Ventile C 340TI.17/T 07/1990...10/1998 R 340TI.26 05/1991...10/1996 G 340TI.17, G 330.19 09/1991...10/1996	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20227	7	209 HS 20228 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250			
	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20229	7	209 HS 20230 000 025 050
	95,988	102,022	34,000	2,982		0,112		0,250			
	89,940	96,000	63,370	2,977		0,066	M114	0,000	HL 20414	3	209 HS 20416 000 025 050
	89,960	96,027	63,620	2,987		0,133		0,250			
	89,940	96,000	40,000	2,97		0,066	M114	0,000	HL 20415	4	
	89,960	96,027	40,250	2,98		0,133		0,250			



Ø 123 6

dCi 11-270, dCi 11 B/43, DCi 11C, DCi 11E, DCi 11G R 6 Diesel, 11100 cm³, 195 - 303 kW (265 - 412 PS) 270.18 01/2001... 320.26 08/2000...01/2001 420.26 08/2000...10/2001 420.18 08/2000...	114,000	137,750	3,080	3,08			M901	0,000	AL 21555	4	209 AS 21556 000
	114,025	138,000	3,160	3,16							
	101,966	108,000	32,750	2,972		0,048	M900	0,000	HL 21551	7	209 HS 21552 000
	101,988	108,022	33,000	2,982		0,112		0,250			025
								0,500			050

Ø 123 7

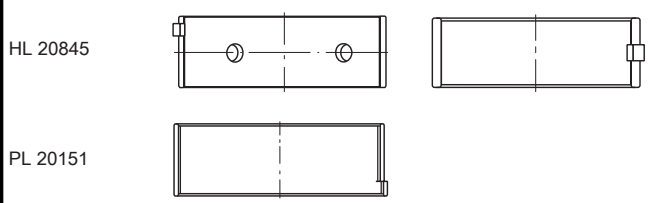
DXi 11 R 6 Diesel, 10800 cm³, 272 - 331 kW (370 - 450 PS), 18:1, Hub 152mm, Turbo, LLK, 24 Ventile 370.26 10/2005... 440.19, 440.18, 440.32 460.26 10/2006...	116,590	139,680		0,421			M250	0,100	AL 19921	2	038 AS 19922 010
	117,090	139,930		3,19							
	107,978	113,040	31,800	2,484		0,046	M901	0,000	HL 20096	7	038 HS 20097 000
	108,000	113,065	32,000	2,497		0,119		0,250			025
								0,500			050

Ø 123 8

MIDR 06.23.56 A/3, Euro 2 R 6 Diesel, 11100 cm³, 255 kW (347 PS), 12 Ventile 350 01/2003...	95,966	102,000	33,750	2,972		0,048	M114	0,000	HL 20229	7	209 HS 20230 000
	95,988	102,022	34,000	2,982		0,112		0,250			025
MIDR 06.23.56 A/41, MIDR 06.23.56 B41, Euro 2 R 6 Diesel, 11122 cm³, 280 - 288 kW (381 - 392 PS), 17:1, Turbo, LLK, 12 Ventile 385.18 06/1997... 400.32 09/1998...01/2000 400.18 01/2000... 385.19, 400.19 04/1996...09/1996											

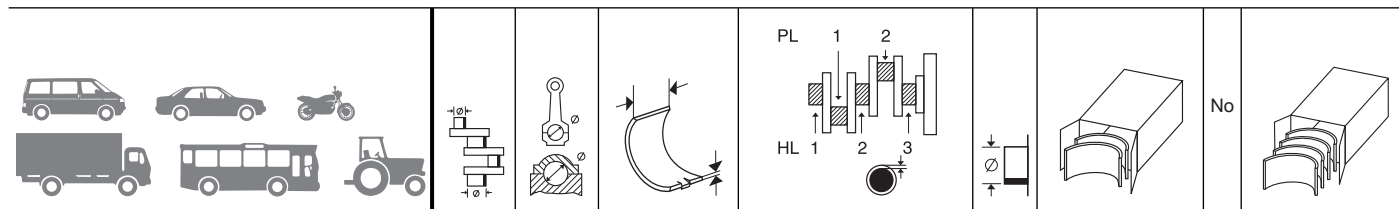
Ø 124 9

MIDR 06.24.65 A/42, .24.65 B/42, .24.65 C/42 R 6 Diesel, 12000 cm³, 287 - 346 kW (390 - 471 PS), 15,3:1, 2 Ventile AE 390.19 09/1996... AE 430.19 09/1996...01/1998 AE 470.26 11/1996...01/1997	127,250	151,850		3,48			M901	0,000	AL 20149	4	209 AS 20150 000
	127,500	152,100		3,53							
	114,209	122,370	31,550	4,028		0,056	M900	0,000	HL 20845	4	209 HS 20870 000
	114,234	122,403	31,800	4,04		0,138		0,250			025
	114,209	122,370	47,450	4,028		0,056	M900	0,000	HL 20846	1	
	114,234	122,403	47,700	4,04		0,138		0,250			
	114,209	122,370	31,550	4,028		0,056	M900	0,000	HL 20835	1	
	114,234	122,403	31,800	4,04		0,138		0,250			
	114,209	122,370	47,450	4,028		0,056	M900	0,000	HL 20834	1	
	114,234	122,403	47,700	4,04		0,138		0,250			
	82,474	87,097	40,250	2,25		0,039	M900	0,000	PL 20151	6	209 PS 20152 000
	82,499	87,149	40,500	2,262		0,138		0,250			025



Ø 131 10

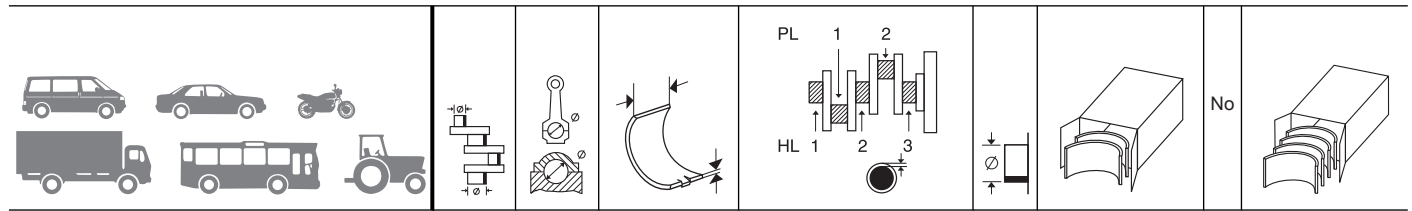
DXi 13 480, Euro 4/5 R 6 Diesel, 12780 cm³, 353 kW (480 PS), 18:1, Hub 158mm, Turbo, LLK, 24 Ventile DXi 13 440.19 03/2009... DXi 13 520.19 08/2009...	107,978	113,040	37,500	2,485		0,046	M900	0,250	037 HL 21040 000	7	037 HS 21041 000
	108,000	113,065	37,800	2,497		0,117		0,500	025		025
								0,750	050		050
								1,000	075		075
									100		100



Ø 135

11

MIDR 06.35.40, MIDR 06.35.40 G, .35.40 H, MIDR 06.35.40 J/3, MIDR 06.35.40 J1, .35.40 L1, MIDR 06.35.40 N/3, MIDS 06.35.40 D R 6 Diesel, 12024 cm³, 206 - 314 kW (280 - 427 PS), 12 Ventile	100,500 100,720	121,650 121,900		2,89 2,94			M250	0,000	AL 20419	4	209 AS 20420 000
CBH 280.26 04/1986...10/1992 CBH 340.19 02/1988...10/1992 CBH 350.26 05/1990...01/1993 CBH 380.26 01/1990...10/1992 CBH 385.26 10/1992...10/1998 CLM 340.19 02/1988...10/1991 CLM 380 05/1991...10/1992 AE 380.18 09/1990...06/1992 AE 385TI.18 02/1992...10/1996 AE 420TI.18 10/1992...12/1996 R 350.17 01/1990...12/1992 R 385TI.26, R 380.26 05/1991...10/1996 R 420TI.22 04/1992...10/1996 R 340.19 03/1986...01/1990 R 365.24 10/1987...05/1990 R 380.26 01/1990...05/1991 TBH 280 01/1977...06/1980	89,940 89,960	96,000 96,027	63,370 63,620	2,977 2,987		0,066 0,133	M114	0,000 0,250 0,500	HL 20414	3	209 HS 20416 000 025 050
MIDR 06.35.40 C R 6 Diesel, 11941 cm³, 224 - 228 kW (305 - 310 PS), 15:1, 12 Ventile R 310.17 10/1980...03/1989										4	



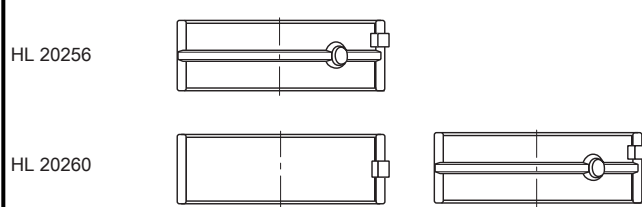
ROVER

Ø 64,6 1

99 H R 4 Benzin, 998 cm³, 26 - 33 kW (35 - 45 PS), 8 Ventile	49,910	71,760		2,311			M250	0,000	AL 20553	4	025 AS 20554 000
	50,160	72,010		2,362							
	41,285	44,971	22,100	1,815		0,025	M900	0,000	PL 20463	4	025 PS 20464 200
	41,298	44,983	22,350	1,824		0,068		0,254			210
								0,508			220

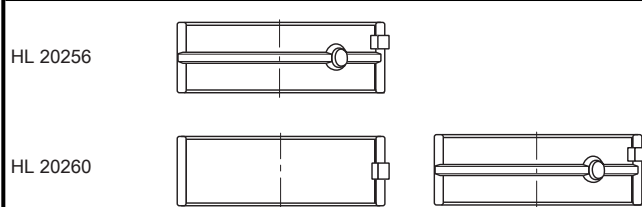
Ø 70,6 2

12 H R 4 Benzin, 1275 cm³, 47 kW (64 PS), 9,8:1, 8 Ventile	56,260	76,070		2,311			M250	0,000	AL 20262	4	025 AS 20263 000
	56,510	76,330		2,362							
	50,823	54,513	25,020	1,821		0,018	M900	0,000	HL 20256	3	025 HS 20257 200
	50,833	54,524		1,831		0,059		0,254			210
								0,508			220
	50,823	54,513	25,020	1,821		0,018	M900	0,000	HL 20260	3	025 HS 20261 200
	50,833	54,524		1,831		0,059					<small>01/1983...</small>
	44,460	48,146	21,590	1,815		0,025	M900	0,000	PL 20258	4	025 PS 20259 200
	44,473	48,158		1,824		0,068		0,254			210



Ø 70,61 3

12A 2A, 12A 2B, 12A 2D, 12A 2E, 12H 907-8AA, 12H 907AA, 12H 959AA, 12H 99, 12H 999, 12HD 17, 12HD 18, 12HD 19, 12HD 20, 12HD 21, 12HD 22, 12HD 23, 12HD 24 R 4 Benzin, 1275 cm³, 37 - 46 kW (50 - 63 PS), 8:1 - 10,5:1, 4 Ventile	56,260	76,070		2,311			M250	0,000	AL 20262	4	025 AS 20263 000
	56,510	76,330		2,362							
	50,823	54,513	25,020	1,821		0,018	M900	0,000	HL 20256	3	025 HS 20257 200
	50,833	54,524		1,831		0,059		0,254			210
								0,508			220
	50,823	54,513	25,020	1,821		0,018	M900	0,000	HL 20260	3	025 HS 20261 200
	50,833	54,524		1,831		0,059					<small>01/1983...</small>
	44,460	48,146	21,590	1,815		0,025	M900	0,000	PL 20258	4	025 PS 20259 200
	44,473	48,158		1,824		0,068		0,254			210



Ø 80 4

XUD 7 TE R 4 Diesel, 1769 cm³, 65 kW (88 PS), 22:1, Turbo, 8 Ventile	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000
	50,000	53,708				0,092		0,300			030
	25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	25,020	27,021									
	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							

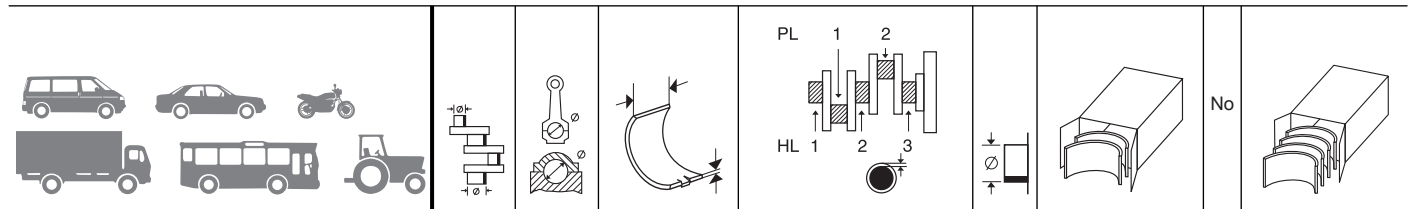
Ø 84 5

M 47 R R 4 Diesel, 1951 cm³, 85 kW (115 PS), 19,5:1, Turbo, 4 Ventile	59,971	65,000	24,940	2,623		0,030	M800	0,250	FL 19396	1	081 HS 20032 025
	59,990	65,019				0,093					
	59,971	65,000	20,000	2,623		0,020	M157	0,250	HL 19398	4	
	59,990	65,019				0,063					

Ø 90,49 6.1

10 J R 4 Diesel, 2286 cm³, 46 kW (62 PS), 23:1	46,760	49,987	18,540	1,568			M157	0,000	NB 20331	1	025 NS 20333 000
	46,878	50,013	19,050	1,593							
	46,760	49,987	24,090	1,568			M157	0,000	NB 20332	3	
	46,780	50,013	24,590	1,593							

Fortsetzung nächste Seite / Continued on next page



Ø 90,49 - Fortsetzung / Continued

6.2

10 J R 4 Diesel, 2286 cm³, 46 kW (62 PS), 23:1	58,725	62,433	24,820	1,822		0,019	M780	0,000	PL 20326	4	025 PS 20327 200 210 220 <small>01/1962...12/1986</small>
	58,744	62,446	25,060	1,835		0,077		0,254			
	70,740	85,600		2,311			M250	0,000	AL 20654	2	137 AS 20655 000
	70,990	85,850		2,362							

Ø 90,49

7

12J R 4 Diesel, 2286 cm³, 21:1	30,150	34,130	32,540	1,98			M817	Semi	BB 20535	4	025 BS 20536 300
	30,160	34,150									
19 J R 4 Diesel, 2495 cm³, 21:1, Turbo	63,487	67,704	24,180	2,212	1.2.3.4.	0,008	M114	0,254	HL 20304	4	025 HS 20306 210
	63,500	67,716	24,560	3,275		0,059					
	63,487	67,704	34,750	2,212	5.	0,008	M114	0,254	HL 20305	1	
	63,500	67,716	35,130	3,275		0,059					
	46,760	49,987	18,540	1,568			M157	0,000	NB 20331	1	025 NS 20333 000
	46,878	50,013	19,050	1,593							
	46,760	49,987	24,090	1,568			M157	0,000	NB 20332	3	
	46,780	50,013	24,590	1,593							
58,725	62,433	24,690	1,823		0,025	M901	0,000	PL 20302	4	025 PS 20303 200 210	
58,744	62,446	25,070	1,832		0,075		0,254				
70,740	85,600		2,311			M250	0,000	AL 20654	2	137 AS 20655 000	
70,990	85,850		2,362								

Ø 90,49

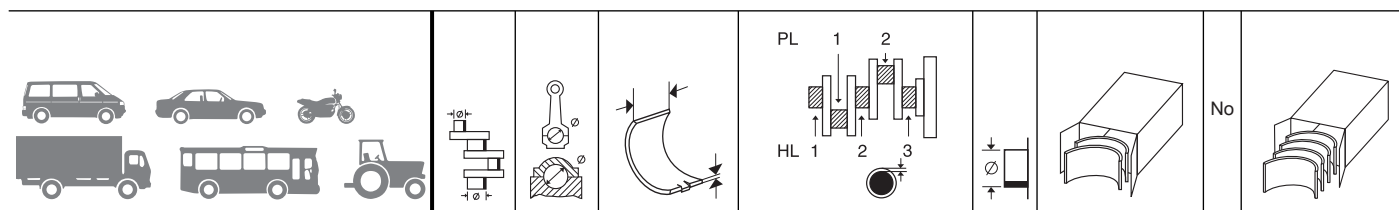
8

17H R 4 Diesel, 2286 cm³, 8:1	63,487	67,704	24,180	2,212	1.2.3.4.	0,008	M114	0,254	HL 20304	4	025 HS 20306 210
	63,500	67,716	24,560	3,275		0,059					
TDi 200, TDi 300 R 4 Diesel, 2486 cm³, 83 kW (113 PS), 19,5:1, Turbo	63,487	67,704	34,750	2,212	5.	0,008	M114	0,254	HL 20305	1	
	63,500	67,716	35,130	3,275		0,059					
	46,760	49,987	18,540	1,568			M157	0,000	NB 20331	1	025 NS 20333 000
	46,878	50,013	19,050	1,593							
	46,760	49,987	24,090	1,568			M157	0,000	NB 20332	3	
	46,780	50,013	24,590	1,593							
	58,725	62,433	24,690	1,823		0,025	M901	0,000	PL 20302	4	025 PS 20303 200 210
	58,744	62,446	25,070	1,832		0,075		0,254			
70,740	85,600		2,311			M250	0,000	AL 20654	2	137 AS 20655 000	
70,990	85,850		2,362								

Ø 90,49

9

2.3 R 4 Diesel, 2286 cm³	46,760	49,987	18,540	1,568			M157	0,000	NB 20331	1	025 NS 20333 000
	46,878	50,013	19,050	1,593							
	46,760	49,987	24,090	1,568			M157	0,000	NB 20332	3	
	46,780	50,013	24,590	1,593							
	58,725	62,433	24,820	1,822		0,019	M780	0,000	PL 20326	4	025 PS 20327 200 210 220
	58,744	62,446	25,060	1,835		0,077		0,254			
	70,740	85,600		2,311			M250	0,000	AL 20654	2	137 AS 20655 000
	70,990	85,850		2,362							



SAAB

Ø 80,5

1

Z 18 XE R 4 Benzin, 1796 cm ³ , 90 kW (122 PS), 10,5:1, Hub 88.2mm, 16 Ventile 9-3 1.8 l 01/2004...	54,972	59,000	25,900	1,988		0,019	M114	0,000	FL 19222	1	011 HS 19223 000 025
	54,985	59,013		2,001		0,074		0,250			
	54,972	59,000	19,500	1,988		0,013	M114	0,000	HL 19221	4	
	54,985	59,013		2,001		0,065		0,250			
Z 18 XE R 4 Benzin, 1796 cm ³ , 90 kW (122 PS), 10,5:1, Hub 88.2mm, 16 Ventile 9-3 1.8 l 01/2004...	42,971	46,000	16,600	1,484		0,019	M114	0,000	PL 19219	2	011 PS 19563 000 025 050
	42,987	46,012		1,497		0,074		0,250			
	42,971	46,000	16,630	1,497		0,019	M114	0,000	PL 19738	2	
	42,987	46,012				0,074		0,500			
PL 19219											
PL 19738											

Ø 82

2

Z 19 DTH R 4 Diesel, 1910 cm ³ , 110 kW (150 PS), 17,5:1, Turbo, LLK, 16 Ventile 9-3 1.9 TID 9-5 1.9 TID 09/2004...01/2006 01/2006...	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					

Ø 84

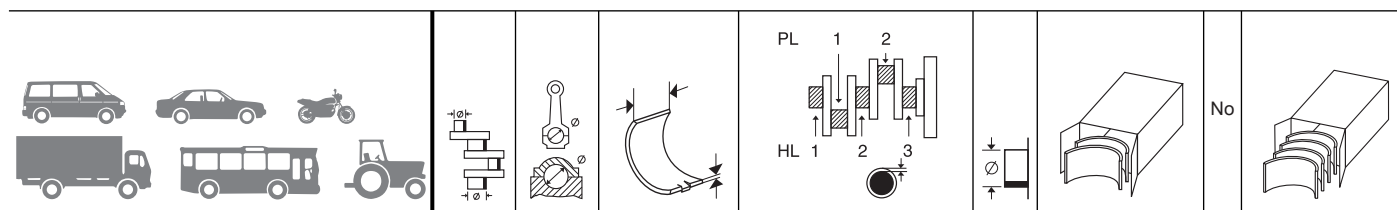
3

D223L, X 22 DTH R 4 Diesel, 2171 cm ³ , 85 - 92 kW (115 - 125 PS) 9-3 2.2 TID 9-5 2.2 TID 02/1998...09/2002 03/2002...	28,995	32,000	26,800				M5	Semi	BB 19459	4	011 BS 19562 300
	29,000	32,051									
	67,980	72,000	25,900	1,995		0,014	M157	0,000	FL 19496	1	011 HS 19561 000
	67,996	72,013				0,059					
D223L, X 22 DTH R 4 Diesel, 2171 cm ³ , 85 - 92 kW (115 - 125 PS) 9-3 2.2 TID 9-5 2.2 TID 02/1998...09/2002 03/2002...	67,980	72,000	19,250	1,995		0,014	M23	0,000	HL 19461	4	
	67,996	72,013	19,500			0,059					

Ø 90

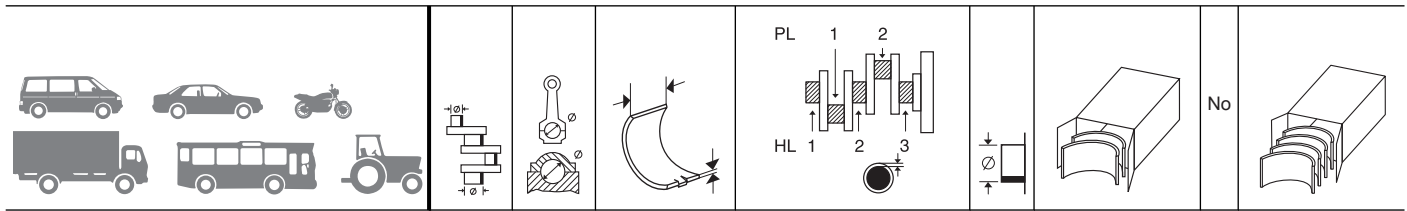
4

B201L R 4 Benzin, 1985 cm ³ , 114 kW (155 PS), 9,5:1, 8 Ventile 900 2.0 TURBO 10/1986...12/1990	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010
								0,100			



SCANIA

											1
Ø 115 D 8.01, DN 8.01, .05, DS 8.01, .06 R 6 Diesel, 7800 cm³, 120 - 170 kW (163 - 231 PS) 82 M/190 82 M/210	84,978	89,399	32,000	2,177		0,045	M114	0,000	HL 18222	7	061 HS 18225 000
	85,000	89,422				0,115		0,250			025
10/1982...03/1988 01/1981...12/1986	74,991	78,702	42,400	1,833		0,036	M114	0,000	PL 18197	6	061 PS 18223 000
	75,000	78,721				0,089		0,250			025
											2
Ø 115 DC 9, Euro 3 R 6 Diesel, 8974 cm³, 18:1, 24 Ventile	118,650	143,700		3,38			M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100		3,43							
	100,650	125,100		3,38			M901	0,000	AL 20275	4	061 AS 20276 000
	101,000	125,500		3,43							
	105,650	130,000		3,37			M901	0,000	AL 20784	4	061 AS 20785 000
106,000	130,350		3,43								
89,970 90,000	94,200 94,220	35,250 35,500	2,058 2,068		0,064	M900	0,000	HL 20271	7	061 HS 20272 000	
79,970 80,000	84,230 84,250	42,000 42,250	2,067 2,077		0,134		0,250				025
					0,074	M900	0,000	PL 20273	6	061 PS 20274 000	
					0,146		0,250				025
							0,500				050
											3
Ø 115 DC 9.01 - 06, Euro 3 R 6 Diesel, 8974 cm³, 169 - 221 kW (230 - 301 PS), 18:1, 2 Ventile 94 C/260 94 D/230 94 D/260 T 94 G/230 P 260, P 230, 94 D/300, 94 C/ 300, P 300	100,650	125,100		3,38			M901	0,000	AL 20275	4	061 AS 20276 000
	101,000	125,500		3,43							
	105,650	130,000		3,37			M901	0,000	AL 20784	4	061 AS 20785 000
	106,000	130,350		3,43							
	89,970 90,000	94,200 94,220	35,250 35,500	2,058 2,068		0,064	M900	0,000	HL 20271	7	061 HS 20272 000
79,970 80,000	94,200 94,220	35,250 35,400	2,058 2,065		0,134		0,250				025
	94,978 95,000	99,200 99,222	2,053 2,065		0,070	M900	0,000	HL 21467	7	061 HS 21468 000	
					0,138		0,250				025
							0,500				050
DSC 9.01 R 6 Diesel, 8724 cm³, 202 - 207 kW (275 - 282 PS), 15,5:1, Turbo, LLK	79,970	84,230	42,000	2,067		0,074	M900	0,000	PL 20273	6	061 PS 20274 000
	80,000	84,250	42,250	2,077		0,146		0,250			025
								0,500			050
DSC 9.03, Euro 3 R 6 Diesel, 8476 cm³, 221 kW (301 PS), 2 Ventile											
											4
Ø 115 DN 9, DS 9.01 L01, .01 L02, .03 B01, DSC 9.01 L01, .01 L02 R 6 Diesel, 8500 cm³, 128 - 202 kW (174 - 275 PS), 15,5:1 - 16:1	100,650	125,100		3,38			M901	0,000	AL 20275	4	061 AS 20276 000
	101,000	125,500		3,43							
	89,970	94,200	35,250	2,058		0,064	M900	0,000	HL 20271	7	061 HS 20272 000
	90,000	94,220	35,500	2,068		0,134		0,250			025
DS 9.04 R 6 Diesel, 8724 cm³, 180 - 185 kW (245 - 252 PS), 15,5:1, Turbo	79,970	84,230	42,000	2,067		0,074	M900	0,000	PL 20273	6	061 PS 20274 000
	80,000	84,250	42,250	2,077		0,146		0,250			025
								0,500			050
											5
Ø 115 DN 9.01 R 6 Diesel, 8475 cm³, 128 - 150 kW (174 - 203 PS), 16:1, 12 Ventile	100,650	125,100		3,38			M901	0,000	AL 20275	4	061 AS 20276 000
	101,000	125,500		3,43							
	105,650	130,000		3,37			M901	0,000	AL 20784	4	061 AS 20785 000
	106,000	130,350		3,43							
	89,970 90,000	94,200 94,220	35,250 35,500	2,058 2,068		0,064	M900	0,000	HL 20271	7	061 HS 20272 000
79,970 80,000	94,200 94,220	35,250 35,500	2,058 2,068		0,134		0,250				025
	79,970 80,000	84,230 84,250	42,000 42,250	2,067 2,077		0,074	M900	0,000	PL 20273	6	061 PS 20274 000
					0,146		0,250				025
							0,500				050
DS 9.01 - 02, DSC 9 R 6 Diesel, 8724 cm³, 164 - 246 kW (223 - 335 PS), 15,5:1 - 18:1, Turbo 92 M/245 01/1985...12/1988											
DS 9.05 B02 R 6 Diesel, 8476 cm³, 185 kW (252 PS), 17:1, Turbo, 2 Ventile											
DS 9.06, .08 R 6 Diesel, 8471 cm³, 155 - 185 kW (211 - 252 PS), 17:1, Turbo 93 M/230 03/1988...12/1991											
											6
Ø 115 DN 9.01 R 6 Diesel, 8724 cm³, 150 - 162 kW (204 - 220 PS), 16:1	105,650	130,000		3,37			M901	0,000	AL 20784	4	061 AS 20785 000
	106,000	130,350		3,43							



Ø 115 7

DS 8.05 R 6 Diesel, 7800 cm³, 140 - 170 kW (190 - 231 PS), 15,5:1, Turbo 82 M/210 01/1981...12/1986	94,620	112,880		3,378			M250	0,000	AL 20640	4	061 AS 20641 200
	94,870	113,130		3,429							
	84,978 85,000	89,399 89,422	32,000	2,177		0,045 0,115	M114	0,000 0,250 0,500	HL 18222	7	061 HS 18225 000 025 050
74,991 75,000	78,702 78,721	42,400	1,833		0,036 0,089	M114	0,000 0,250	PL 18197	6	061 PS 18223 000 025	

Ø 115 8

DS 9.05, DSC 9.02, .07 - 09 R 6 Diesel, 8471 cm³, 0 - 207 kW (0 - 282 PS), 16:1 - 17:1, Turbo 93 M/250 T 93 H/250 T 93 H/280 03/1988...12/1996 01/1990...12/1996 12/1991...12/1996	100,650	125,100		3,38			M901	0,000	AL 20275	4	061 AS 20276 000 ...10/1996
	101,000	125,500		3,43							
	105,650 106,000	130,000 130,350		3,37 3,43			M901	0,000	AL 20784	4	061 AS 20785 000 11/1996...
	89,970 90,000	94,200 94,220	35,250 35,500	2,058 2,068		0,064 0,134	M900	0,000 0,250	HL 20271	7	061 HS 20272 000 025 ...10/1996
DSC 9.10 R 6 Diesel, 8476 cm³, 162 kW (220 PS), 18:1, Turbo 93 H/220 12/1991...12/1996	94,978	99,200	35,200	2,053			M900	0,000	HL 21467	7	061 HS 21468 000 025 050 11/1996...
	95,000	99,222	35,400	2,065		0,070 0,138		0,250 0,500			
DSC 9.11, .13, Euro 2 R 6 Diesel, 8974 cm³, 162 - 228 kW (220 - 310 PS), 18:1 94 D/310 94 G/220 94 G/310 T 94 L/310 12/1996...01/1998 08/1996...01/1998 08/1996... 09/1996...	79,970	84,230	42,000	2,067			M900	0,000	PL 20273	6	061 PS 20274 000 025 050
	80,000	84,250	42,250	2,077		0,074 0,146		0,250 0,500			

Ø 115 9

DSC 9.01 R 6 Diesel, 8724 cm³, 202 - 207 kW (275 - 282 PS), 15,5:1, Turbo, LLK 92 H/275 92 M/275 01/1985...12/1986 01/1985...03/1988	105,650	130,000		3,37			M901	0,000	AL 20784	4	061 AS 20785 000
	106,000	130,350		3,43							
	94,978 95,000	99,200 99,222	35,200 35,400	2,053 2,065		0,070 0,138	M900	0,000 0,250 0,500	HL 21467	7	061 HS 21468 000 025 050

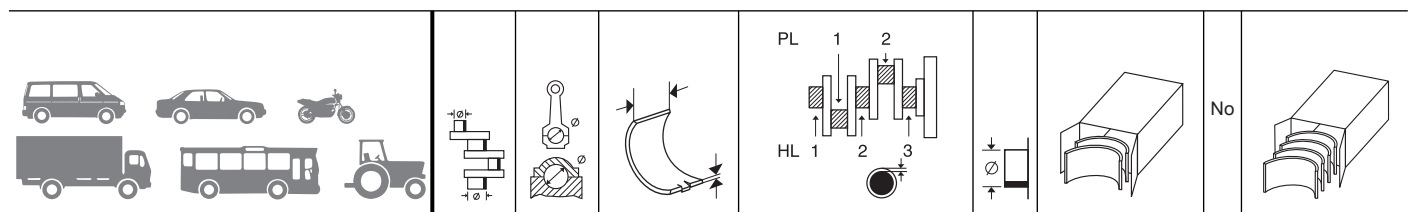
Ø 115 10

DSC 9.12, .15, Euro 2 R 6 Diesel, 8974 cm³, 192 - 228 kW (260 - 310 PS), 18:1 94 C/260 94 D/310 94 G/260 94 G/310 T 94 L/310 12/1996... 12/1996...01/1998 08/1996...01/1998 08/1996... 09/1996...	105,650	130,000		3,37			M901	0,000	AL 20784	4	061 AS 20785 000
	106,000	130,350		3,43							
	94,978 95,000	99,200 99,222	35,200 35,400	2,053 2,065		0,070 0,138	M900	0,000 0,250 0,500	HL 21467	7	061 HS 21468 000 025 050
	79,970 80,000	84,230 84,250	42,000 42,250	2,067 2,077		0,074 0,146	M900	0,000 0,250 0,500	PL 20273	6	061 PS 20274 000 025 050

Ø 127 11.1

D 10-R 01 R 6 Diesel, 10260 cm³, 121 - 151 kW (165 - 205 PS), 12 Ventile	112,650	132,500		3,39			M770	0,000	AL 18068	4	061 AS 18069 000 007 013 050
	113,030	132,900		3,43				0,070 0,130 0,500			
D 11 R 23, DS 11.01, .14 R 6 Diesel, 11022 cm³, 143 - 245 kW (195 - 333 PS), 15:1, 12 Ventile 112 H/280 01/1981...12/1986	112,650	129,790		3,43			M100	0,000	AL 18307	4	061 AS 18308 000 025
	113,030	130,170						0,250			
DS 11, DS 11.02, .15, .18, .34, .41, .73, .75, DSC 11.01 - 02, .04, DSC 11.08 N, .08 S, DSC 11.11 - 13, .16 - 18, .21 - 23, DSC 11.30 N, .30 S, DSC 11.35 - 36, .70, DSC 11.70 N, .70 S, DSC 11.71 R 6 Diesel, 11018 cm³, 202 - 280 kW (275 - 381 PS), Turbo 112 M/305 113 E/320 113 H/310 113 H/360 113 H/380 T 113 H/360 01/1981...12/1986 11/1991...12/1996 05/1988...12/1991 05/1988...12/1996 01/1991...12/1996 01/1990...12/1996	49,995	53,800	30,100				M100	Semi	BB 18074	6	061 BS 18075 300
	50,000	53,830	49,300			0,030 0,048					
	101,598	106,261	35,710	2,28	1.2.3.5.6.7.	0,057	M900	0,000	HL 10010	6	061 HS 10008 000 025 050 075 100
	101,620	106,286	35,970	2,292		0,128		0,250 0,500 0,750 1,000			
101,598 101,620	106,261 106,286	43,750 44,000	2,28 2,292	4.	0,057 0,128	M900	0,000 0,250 0,500 0,750 1,000	HL 10095	1		

Fortsetzung nächste Seite / Continued on next page



Ø 127 - Fortsetzung / Continued

11.2

D 10-R 01 R 6 Diesel, 10260 cm³, 121 - 151 kW (165 - 205 PS), 12 Ventile D 11 R 23, DS 11.01, .14 R 6 Diesel, 11022 cm³, 143 - 245 kW (195 - 333 PS), 15:1, 12 Ventile 112 H/280 01/1981...12/1986	84,235	88,483	48,010	2,083		0,042	M900	0,000	PL 10011	6	061 PS 10009 000 025 050 075 100 125 150
	84,255	88,504		2,093		0,103		0,250 0,500 0,750 1,000 1,250 1,500			
DS 11, DS 11.02, .15, .18, .34, .41, .73, .75, DSC 11.01 - 02, .04, DSC 11.08 N, .08 S, DSC 11.11 - 13, .16 - 18, .21 - 23, DSC 11.30 N, .30 S, DSC 11.35 - 36, .70, DSC 11.70 N, .70 S, DSC 11.71 R 6 Diesel, 11018 cm³, 202 - 280 kW (275 - 381 PS), Turbo 112 M/305 01/1981...12/1986 113 E/320 11/1991...12/1996 113 H/310 05/1988...12/1991 113 H/360 05/1988...12/1996 113 H/380 01/1991...12/1996 T 113 H/360 01/1990...12/1996	AL 18307		BB 18074								

Ø 127

12

DC 11 01, DC 11 06, DC 11 07, DC 11 09, Euro 2 R 6 Diesel, 10640 cm³, 250 - 280 kW (340 - 381 PS), 18:1, 4 Ventile P 380 03/2004...09/2004	89,000	89,035	34,500	35,000	2,00		M250	0,000	NB 21082	7	061 NS 21083 000
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Ø 127

13

DC 11.01 - 04, .07 - 08, DC 11 340, DC 11 380, Euro 3 R 6 Diesel, 10640 cm³, 243 - 280 kW (330 - 381 PS), 18:1, Hub 140mm, Turbo, LLK, 24 Ventile 114 C/330 05/1996...03/1998 114 G/340 03/1998... 114 G/380 04/2004...01/2008 P 340 03/2004...09/2004 R 340	118,650	143,700			3,38		M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100			3,43						
DC 12.11, DC 12-420, Euro 4 R 6 Diesel, 11716 cm³, 309 kW (420 PS), 17:1 - 18:1, Turbo, LLK, 24 Ventile	107,978	112,200	34,050	34,300	2,055	0,060	M780	0,000	061 HL 19078 000 025 050	7	
	108,000	112,222	34,300	2,07		0,134		0,250 0,500			
DC 12.03, Euro 3 R 6 Diesel, 11716 cm³, 309 kW (420 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 C/420 09/1997... 124 L/420 01/2001... T 124 L/420 05/1996...09/1997		89,000	34,500		2,00		M250	0,000	NB 21082	7	061 NS 21083 000
		89,035	35,000								
DC 12.01 - 02, .09, DT 12.02, .08, Euro 3 R 6 Diesel, 11700 cm³, 294 - 346 kW (400 - 470 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 G/470, 124 C/360, 124 C/420, 124 C/470, 124 G/420 124 L/420 09/1997... 124 L/440 01/2001... T 124 L/420 05/1996...09/1997	118,650	143,700			3,38		M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100			3,43						
DC 12.03, Euro 3 R 6 Diesel, 11716 cm³, 309 kW (420 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 C/420 09/1997... 124 L/420	107,978	112,200	34,050	34,300	2,055	0,060	M780	0,000	061 HL 19078 000 025 050	7	
	108,000	112,222	34,300	2,07		0,134		0,250 0,500			
DC 12.03, Euro 3 R 6 Diesel, 11716 cm³, 309 kW (420 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 C/420 09/1997... 124 L/420	86,978	91,230	44,750	45,000	2,072	0,082	M780	0,000	061 PL 20085 000 025 050	6	061 PS 20084 000 025 050
	87,000	91,252	45,000	2,085		0,108		0,250 0,500			
DC 12.03, Euro 3 R 6 Diesel, 11716 cm³, 309 kW (420 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 C/420 09/1997... 124 L/420	86,978	91,230	44,800	45,200	2,205	0,050	M901	0,250	061 PL 21093 025	6	
	87,000	91,252	45,200	2,215		0,114					
DC 12.03, Euro 3 R 6 Diesel, 11716 cm³, 309 kW (420 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 C/420 09/1997... 124 L/420	86,978	91,230	44,800	45,200	2,33	0,050	M901	0,500	061 PL 21093 050	6	
	87,000	91,252	45,200	2,34		0,114					

Ø 127

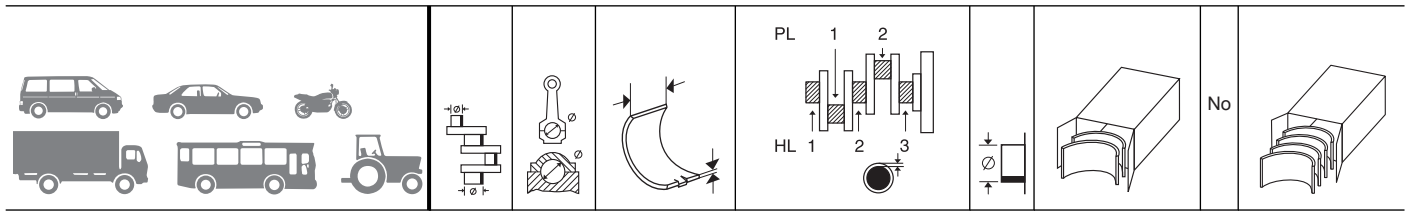
14

DC 12.01 - 02, .09, DT 12.02, .08, Euro 3 R 6 Diesel, 11700 cm³, 294 - 346 kW (400 - 470 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 G/470, 124 C/360, 124 C/420, 124 C/470, 124 G/420 124 L/420 09/1997... 124 L/440 01/2001... T 124 L/420 05/1996...09/1997	118,650	143,700			3,38		M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100			3,43						
DC 12.01 - 02, .09, DT 12.02, .08, Euro 3 R 6 Diesel, 11700 cm³, 294 - 346 kW (400 - 470 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 G/470, 124 C/360, 124 C/420, 124 C/470, 124 G/420 124 L/420 09/1997... 124 L/440 01/2001... T 124 L/420 05/1996...09/1997	107,978	112,200	34,050	34,300	2,055	0,060	M780	0,000	061 HL 19078 000 025 050	7	
	108,000	112,222	34,300	2,07		0,134		0,250 0,500			
DC 12.01 - 02, .09, DT 12.02, .08, Euro 3 R 6 Diesel, 11700 cm³, 294 - 346 kW (400 - 470 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 G/470, 124 C/360, 124 C/420, 124 C/470, 124 G/420 124 L/420 09/1997... 124 L/440 01/2001... T 124 L/420 05/1996...09/1997		89,000	34,500		2,00		M250	0,000	NB 21082	7	061 NS 21083 000
		89,035	35,000								
DC 12.01 - 02, .09, DT 12.02, .08, Euro 3 R 6 Diesel, 11700 cm³, 294 - 346 kW (400 - 470 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 G/470, 124 C/360, 124 C/420, 124 C/470, 124 G/420 124 L/420 09/1997... 124 L/440 01/2001... T 124 L/420 05/1996...09/1997	86,978	91,230	44,750	45,000	2,072	0,082	M780	0,000	061 PL 20085 000 025 050	6	061 PS 20084 000 025 050
	87,000	91,252	45,000	2,085		0,108		0,250 0,500			
DC 12.01 - 02, .09, DT 12.02, .08, Euro 3 R 6 Diesel, 11700 cm³, 294 - 346 kW (400 - 470 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 G/470, 124 C/360, 124 C/420, 124 C/470, 124 G/420 124 L/420 09/1997... 124 L/440 01/2001... T 124 L/420 05/1996...09/1997	86,978	91,230	44,800	45,200	2,205	0,050	M901	0,250	061 PL 21093 025	6	
	87,000	91,252	45,200	2,215		0,114					
DC 12.01 - 02, .09, DT 12.02, .08, Euro 3 R 6 Diesel, 11700 cm³, 294 - 346 kW (400 - 470 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 G/470, 124 C/360, 124 C/420, 124 C/470, 124 G/420 124 L/420 09/1997... 124 L/440 01/2001... T 124 L/420 05/1996...09/1997	86,978	91,230	44,800	45,200	2,33	0,050	M901	0,500	061 PL 21093 050	6	
	87,000	91,252	45,200	2,34		0,114					

Ø 127

15

DC 12.10, .13 - 15, DT 12.03, .06, .11 - 12, .17, Euro 4 R 6 Diesel, 11716 cm³, 250 - 353 kW (340 - 480 PS), 17:1 - 18:1, Turbo, LLK, 4 Ventile G 470 01/2010... G 480, R 480 08/2006...03/2008 P 380 08/2004...10/2006 P 420, R 420 04/2004... R 380 03/2008... R 420 03/2004...01/2008 R 470 03/2004...10/2005 R 480 04/2010...	118,650	143,700			3,38		M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100			3,43						
DC 12.10, .13 - 15, DT 12.03, .06, .11 - 12, .17, Euro 4 R 6 Diesel, 11716 cm³, 250 - 353 kW (340 - 480 PS), 17:1 - 18:1, Turbo, LLK, 4 Ventile G 470 01/2010... G 480, R 480 08/2006...03/2008 P 380 08/2004...10/2006 P 420, R 420 04/2004... R 380 03/2008... R 420 03/2004...01/2008 R 470 03/2004...10/2005 R 480 04/2010...	107,978	112,200	34,050	34,300	2,055	0,060	M780	0,000	061 HL 19078 000 025 050	7	
	108,000	112,222	34,300	2,07		0,134		0,250 0,500			
DC 12.10, .13 - 15, DT 12.03, .06, .11 - 12, .17, Euro 4 R 6 Diesel, 11716 cm³, 250 - 353 kW (340 - 480 PS), 17:1 - 18:1, Turbo, LLK, 4 Ventile G 470 01/2010... G 480, R 480 08/2006...03/2008 P 380 08/2004...10/2006 P 420, R 420 04/2004... R 380 03/2008... R 420 03/2004...01/2008 R 470 03/2004...10/2005 R 480 04/2010...		89,000	34,500		2,00		M250	0,000	NB 21082	7	061 NS 21083 000
		89,035	35,000								
DC 12.10, .13 - 15, DT 12.03, .06, .11 - 12, .17, Euro 4 R 6 Diesel, 11716 cm³, 250 - 353 kW (340 - 480 PS), 17:1 - 18:1, Turbo, LLK, 4 Ventile G 470 01/2010... G 480, R 480 08/2006...03/2008 P 380 08/2004...10/2006 P 420, R 420 04/2004... R 380 03/2008... R 420 03/2004...01/2008 R 470 03/2004...10/2005 R 480 04/2010...	86,978	91,230	44,800	45,200	2,205	0,050	M901	0,250	061 PL 21093 025	6	
	87,000	91,252	45,200	2,215		0,114					
DC 12.10, .13 - 15, DT 12.03, .06, .11 - 12, .17, Euro 4 R 6 Diesel, 11716 cm³, 250 - 353 kW (340 - 480 PS), 17:1 - 18:1, Turbo, LLK, 4 Ventile G 470 01/2010... G 480, R 480 08/2006...03/2008 P 380 08/2004...10/2006 P 420, R 420 04/2004... R 380 03/2008... R 420 03/2004...01/2008 R 470 03/2004...10/2005 R 480 04/2010...	86,978	91,230	44,800	45,200	2,33	0,050	M901	0,500	061 PL 21093 050	6	
	87,000	91,252	45,200	2,34		0,114					



Ø 127 **16**

DC 12.12, DC 12.50 A 272, .50 A 316, .50 A 330, .55 A 294, .55 A 316, .55 A 331, .58 A 257, .58 A 272, Euro 4 R 6 Diesel, 11716 cm³, 257 - 331 kW (350 - 450 PS), 17:1 - 18:1, Turbo, LLK, 24 Ventile	118,650	143,700		3,38			M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100		3,43							
	107,978	112,200	34,050	2,055		0,060	M780	0,000	061 HL 19078 000	7	
	108,000	112,222	34,300	2,07		0,134		0,250	025		
								0,500	050		

Ø 127 **17**

DC 12.17 - 18, .22 - 24, .26 R 6 Diesel, 11716 cm³, 250 - 309 kW (340 - 420 PS), 17:1 - 18:1 G 420, P 420, R 420 P 380 P 380, R 380 P 420, R 420 R 380	118,650	143,700		3,38			M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100		3,43							
03/2004...01/2008	107,978	112,200	34,050	2,055		0,060	M780	0,000	061 HL 19078 000	7	
	108,000	112,222	34,300	2,07		0,134		0,250	025		
								0,500	050		
08/2004...	86,978	91,230	44,800	2,205		0,050	M901	0,250	061 PL 21093 025	6	
04/2004...08/2006	87,000	91,252	45,200	2,215		0,114					
03/2008...04/2010	86,978	91,230	44,800	2,33		0,050	M901	0,500	061 PL 21093 050	6	
	87,000	91,252	45,200	2,34		0,114					

Ø 127 **18**

DC 14.62 Diesel,	112,650	132,500		3,39			M770	0,000	AL 18068	4	061 AS 18069 000
	113,030	132,900		3,43							
	101,598	106,262	40,000	2,284		0,050	M114	0,000	HL 10327	5	061 HS 10686 000
	101,620	106,284		2,296		0,118					

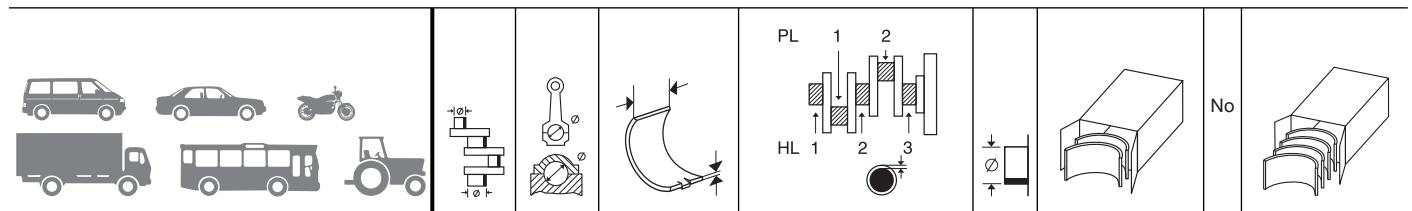
Ø 127 **19**

DC 16.01 - 06, .08 - 09, .22, DC 16.40 A 404, .40 A 432, .41 A 294, .41 A 331, .47 A 353, .47 A 382, Euro 3 V 8 Diesel, 15600 cm³, 294 - 456 kW (400 - 620 PS), 17:1 - 18:1, Turbo, LLK, 4 Ventile 164 G/480 P 620, R 620 R 500 R 560 R 560, P 560 R 580 R 620	118,650	143,700		3,38			M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100		3,43							
05/2000...											
08/2006...11/2006											
01/2004...01/2008											
09/2004...11/2006											
04/2004...07/2009											
03/2004...07/2009											
10/2004...03/2009											
DC 9.19, Euro 3 R 5 Diesel, 8974 cm³, 169 kW (230 PS), 17,5:1, Turbo, LLK, 20 Ventile											
DC 9.21 R 5 Diesel, 8867 cm³, 198 - 228 kW (269 - 310 PS), Turbo, LLK, 20 Ventile 94 C/310 94 G/300											
01/2005...											
01/2004...											
DC 9.31, Euro 5 R 5 Diesel, , 199 kW (270 PS), 17:1, Turbo, LLK, 20 Ventile											

Ø 127 **20.1**

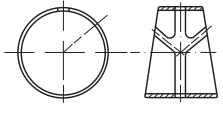
DS 14.01 - 02, DSI 14.01 V 8 Diesel, 14200 cm³, 309 - 316 kW (420 - 430 PS), 15,5:1, Turbo, LLK	112,650	132,500		3,39			M770	0,000	AL 18068	4	061 AS 18069 000
	113,030	132,900		3,43				0,070			007
								0,130			013
								0,500			050
DS 14.46 - 52, DS 14 Case, DSI 14.41, .47, .50, .60 - 61, .63 V 8 Diesel, 14180 cm³, 300 - 340 kW (408 - 462 PS), 15:1	49,995	53,800	30,100			0,030	M100	Semi	BB 18074	8	061 BS 18090 300
	50,000	53,830	49,300			0,048					
	101,598	106,262	40,000	2,284		0,050	M114	0,000	HL 10327	5	061 HS 10686 000
	101,620	106,284		2,296		0,118		0,250			025
								0,500			050
								0,750			075
DSC 14.01 - 04, .08 - 10, .16, .45 - 46, .49, .57, .61, .63, DSC 14 J, DSC 14 J V 8 Diesel, 14181 cm³, 309 - 368 kW (420 - 500 PS), 15:1 - 17:1, Turbo, LLK R 142 H 143 E/450 143 E/500 143 M/450 143 M/470	68,951	73,000	30,000	1,965		0,060	M1	0,000	NB 18076	1	061 NS 18077 000
	68,970	73,030		1,985		0,149					
05/1980...03/1988	68,951	73,000	30,000	1,955		0,080	M1	0,000	NB 18105	5	
01/1990...12/1996	68,970	73,030		1,975		0,169					
01/1991...12/1996											
05/1988...12/1996	89,978	94,000	41,250	1,965		0,046	M114	0,000	PL 10326	8	061 PS 10685 000
03/1988...05/1991	90,000	94,022		1,977		0,114		0,250			025
								0,500			050
								0,750			075
								1,000			100

Fortsetzung nächste Seite / Continued on next page



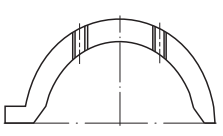
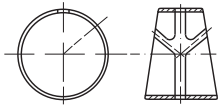
Ø 127 - Fortsetzung / Continued

20.2

DS 14.01 - 02, DSI 14.01 V 8 Diesel, 14200 cm³, 309 - 316 kW (420 - 430 PS), 15,5:1, Turbo, LLK	89,978	94,000	41,250	1,965		0,046	M114	0,000	PL 18144	8	061 PS 18143 000 025 050 075 100
	90,000	94,022		1,977				0,250 0,500 0,750 1,000			
DS 14.46 - 52, DS 14 Case, DSI 14.41, .47, .50, .60 - 61, .63 V 8 Diesel, 14180 cm³, 300 - 340 kW (408 - 462 PS), 15:1	BB 18074 										

Ø 127

21

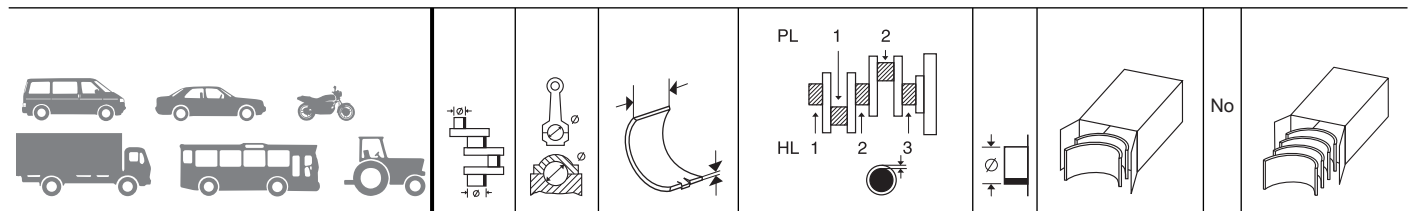
DSC 11.10 N R 6 Diesel, 11018 cm³, 280 kW (381 PS), 17:1, Turbo, LLK	112,650	132,500		3,39			M770	0,000	AL 18068	4	061 AS 18069 000 007 013 050	
	113,030	132,900		3,43				0,070 0,130 0,500				
	112,650	129,790		3,43			M100	0,000	AL 18307	4	061 AS 18308 000 025	
	49,995	53,800	30,100				0,030	M100	Semi	BB 18074	6	061 BS 18075 300
	50,000	53,830	49,300				0,048					
	101,598	106,261	35,710	2,28	1.2.3.5.6.7.	0,057	M900	0,000	HL 10010	6	061 HS 10008 000 025 050 075 100	
101,620	106,286	35,970	2,292		0,128		0,250 0,500 0,750 1,000					
101,598	106,261	43,750	2,28	4.	0,057	M900	0,000	HL 10095	1			
101,620	106,286	44,000	2,292		0,128		0,250 0,500 0,750 1,000					
84,235	88,483	48,010	2,083		0,042	M900	0,000	PL 10011	6	061 PS 10009 000 025 050 075 100 125 150		
84,255	88,504		2,093		0,103		0,250 0,500 0,750 1,000 1,250 1,500					
AL 18307 												
BB 18074 												

Ø 127

22.1

DSC 12.01, .03, .05 - 06, Euro 2 R 6 Diesel, 11700 cm³, 265 - 325 kW (360 - 442 PS), 18:1, Hub 154mm, Turbo, LLK, 4 Ventile 124 /G420, 124 G/420, 124 C/420 124 C/400 09/1996... 124 L/420 09/1997... T 124 G/400 03/1997... T 124 G/420 05/1996...09/1997 T 124 L/400 05/1996...	118,650	143,700		3,38			M250	0,000	AL 20086	4	061 AS 20087 000	
	119,000	144,100		3,43								
		107,978	112,200	34,050	2,055		0,060	M780	0,000	061 HL 19078 000 025 050	7	
		108,000	112,222	34,300	2,07		0,134		0,250 0,500			
			89,000	34,500	2,00			M250	0,000	NB 21082	7	061 NS 21083 000
	86,978	91,230	44,750	2,072		0,082	M780	0,000	061 PL 20085 000 025 050	6	061 PS 20084 000 025 050	
	87,000	91,252	45,000	2,085		0,108		0,250 0,500				

Fortsetzung nächste Seite / Continued on next page



Ø 127 - Fortsetzung / Continued

22.2

DSC 12.02, Euro 2
 R 6 Diesel, 11716 cm³, 265 kW (360 PS), 18:1,
 Turbo, LLK, 4 Ventile
 124 C/360 09/1996...
 124 G/360 05/1996...
 T 124 C/360 09/1995...
 T 124 G/360 03/1997...01/2004
 T 124 L/360 05/1995...02/1997

Ø 130

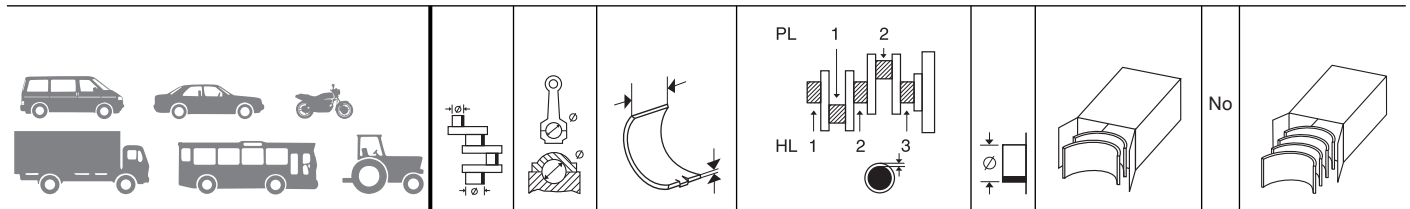
23

DC 13.05 - 07, .10, DC 13.107, .109 - 110, .113 - 114, .120, .124 - 125 R 6 Diesel, 12742 cm³, 265 - 360 kW (360 - 490 PS), 17:1 - 19:1 K 400 IB 01/2006... G 440, R 440 07/2009...08/2010 G 480, R 480 04/2004...08/2010 P 360 03/2008...08/2010 P 360, R 360 04/2010... P 450 09/2013... R 440 03/2008...04/2010 R 480 07/2004...10/2010 DC 13.111, .115 - 116 R 6 Diesel, 12700 cm³, 272 - 302 kW (370 - 411 PS), 18:1, Hub 160mm, 24 Ventile G 410, P 410, R 410 09/2013... G 480 01/2012... G 480, R 480 04/2004...08/2010	118,650	143,700		3,38			M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100		3,43							
	107,978	112,200	34,050	2,055		0,060	M780	0,000	061 HL 19078 000	7	
	108,000	112,222	34,300	2,07		0,134		0,250	025		
								0,500	050		

Ø 130

24

DC 9.22, .24, .29 - 30, .32, .35 - 39 R 5 Diesel, 9300 cm³, 169 - 265 kW (230 - 360 PS), 17:1 G 230, P 230 09/2007... P 230 09/2007...08/2012 P 280 10/2007...08/2012 P 320 07/2009...09/2013	118,650	143,700		3,38			M250	0,000	AL 20086	4	061 AS 20087 000
	119,000	144,100		3,43							



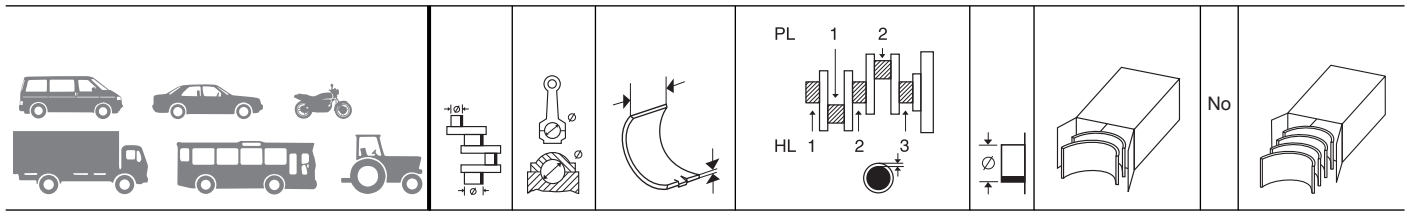
SEAT

Ø	1										
GH R 4 Diesel, 1919 cm³, 82 kW (111 PS), 8 Ventile	21,996 22,000	25,000 25,033	25,000	1,70 1,77		0,012 0,022	M100	Semi	BB 18082	4	029 BS 18083 300
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	45,958 45,978	49,000 49,012	19,000	1,506		0,010 0,062	M780	0,000 0,250 0,500	PL 10351	4	034 PS 18670 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
HL 18066											
HL 18109											
PL 10351											

Ø 65	2										
0.9 NC2, 08 NCB R 4 Benzin, 899 cm³, 30 - 32 kW (41 - 44 PS), 8,8:1 MARBELLA 0.9 07/1997...10/1998 MARBELLA 0.9 KAT 11/1996...10/1998 08 NCA, 100 GL6.000 R 4 Benzin, 843 cm³, 25 kW (34 PS), 7,8:1 - 8:1, Hub 63.5mm MARBELLA 0.8 08/1986...12/1993 09 NCA, 09 NCB, 100 GL 3000, 100 GL 7000, 146 A 000, A112 A5.000, HB 90 R 4 Benzin, 903 cm³, 29 - 33 kW (40 - 45 PS), 8 Ventile 127 0.9 04/1972...12/1982 FURA 0.9 01/1982...12/1986 IBIZA I 0.9 08/1986...05/1993 MARBELLA 0.9 KAT 01/1987...11/1996 TERRA 0.9 01/1987...12/1996 TERRA 0.9 KAT 01/1990...12/1995	39,988 40,008	43,657 43,670	16,550	1,81		0,023 0,068	M157	0,000 0,254	PL 20523	4	007 PS 20524 200 210

Ø 67,1	3.1										
AER R 4 Benzin, 999 cm³, 37 kW (50 PS), 10,5:1, 8 Ventile AROSA 1.0 05/1997...06/2004 CORDOBA I 1.0 I 09/1996...06/1999 IBIZA II 1.0 I 09/1996...08/1999	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
	53,958 53,978	59,000 59,019	24,860 24,910	2,502	3.	0,020 0,082	M157	0,000 0,250	FL 10079	1	029 HS 10039 000 025
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.4.5.	0,016 0,079	M183	0,000 0,250	HL 18109	4	
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050

Fortsetzung nächste Seite / Continued on next page



Ø 67,1 - Fortsetzung / Continued

3.2

AER R 4 Benzin, 999 cm ³ , 37 kW (50 PS), 10,5:1, 8 Ventile AROSA 1.0 CORDOBA I 1.0 I IBIZA II 1.0 I	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1	
	42,975	46,025		1,77		0,066		Semi			
05/1997...06/2004 09/1996...06/1999 09/1996...08/1999	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1	
	41,975	45,025		3,27		0,066		0,000			
HL 18109											

Ø 67,1

4

ALD, ANV, AUC R 4 Benzin, 998 cm ³ , 37 kW (50 PS), 10,7:1, 8 Ventile AROSA 1.0 CORDOBA I 1.0 I IBIZA III 1.0	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 050
	59,750	73,200		1,97							
05/1997...06/2004 06/1999...10/2002 08/1999...02/2002	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000 025 050
	53,978	59,019	18,500	2,507		0,056		0,250			
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1	
	41,975	45,025		3,27		0,066		0,000			
ALL R 4 Benzin, 999 cm ³ , 37 kW (50 PS), 10,5:1, 8 Ventile AROSA 1.0		05/1997...06/2004									

Ø 73

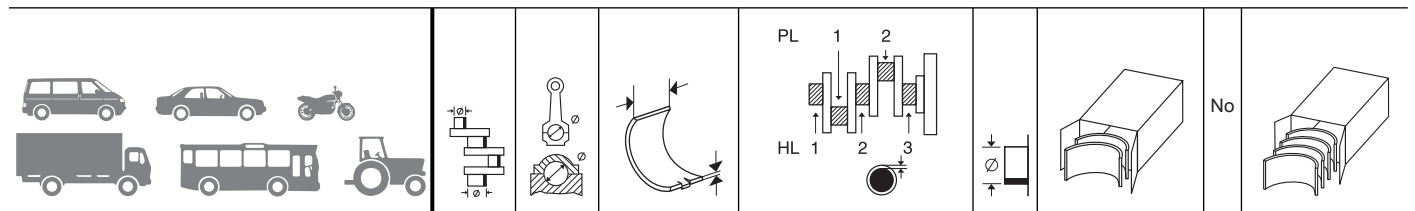
5

124 A 000, FA12 R 4 Benzin, 1197 cm ³ , 44 - 48 kW (60 - 65 PS), 8,8:1 124 D1200 124 LS1200	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
01/1968...12/1976 01/1968...10/1980	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254			

Ø 75

6

1W R 4 Diesel, 1398 cm ³ , 35 kW (48 PS), 22,3:1 TERRA 1.4 D	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
10/1990...12/1995	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000 025 100
	59,750	73,200		1,975				1,000			
MN R 4 Diesel, 1272 cm ³ , 33 kW (45 PS), 22:1, 8 Ventile TERRA 1.3 D	53,958	59,000	18,500	2,491	1-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000 025 100
	53,978	59,019		2,503		0,079		0,250			
03/1990...12/1994	53,958	59,000	24,860	2,502	3.	0,020	M157	0,000	FL 10079	1	029 HS 10039 000 025
	53,978	59,019	24,910	2,503		0,082		0,250			
	53,958	59,000	18,500	2,491	1.2.4.5.	0,016	M183	0,000	HL 18109	4	029 HS 18071 000 025 050
	53,978	59,019		2,503		0,079		1,000			
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	
	53,978	59,019	25,030	2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
	53,978	59,019		2,503		0,079		0,500			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
	41,950	45,000	18,000	1,494		0,018	M100	0,000	PL 18062	4	034 PS 18063 000 025 050 075 100
	41,970	45,016		1,506		0,078		0,500			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1	
	42,975	46,025		1,77		0,066		Semi			
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1	
	41,975	45,025		3,27		0,066		0,000			
HL 18109											
HL 18066											

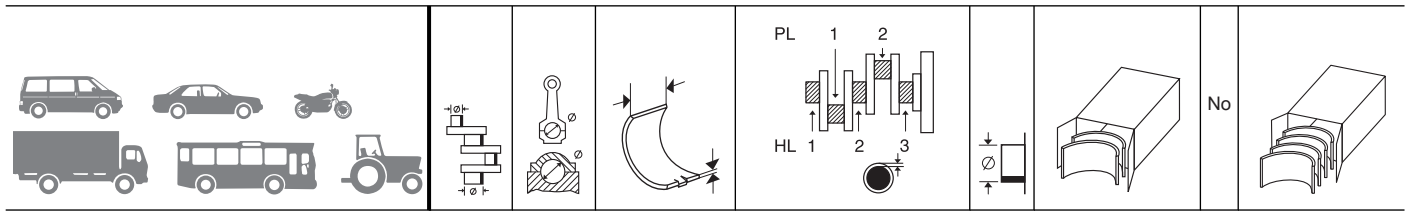


Ø 75											7
2G, AAV R 4 Benzin, 1272 cm ³ , 40 kW (54 PS), 9,2:1 - 9,5:1, 8 Ventile IBIZA II 1.3 I 03/1993...08/1999	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250 1,000			025 100
ABD R 4 Benzin, 1391 cm ³ , 44 kW (60 PS), 9,5:1, 8 Ventile CORDOBA I 1.4 I 06/1994...06/1999 IBIZA II 1.4 I 09/1993...08/1999	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000
	53,978	59,019		2,503		0,079		0,250 1,000			025 100
	41,950	45,000	18,000	1,494		0,018	M100	0,000	PL 18062	4	034 PS 18063 000
	41,970	45,016		1,506		0,078		0,250 0,500 0,750 1,000			025 050 075 100
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066	Semi		300		
	41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066			000		
HL 18109											

Ø 75											8
AAU R 4 Benzin, 1043 cm ³ , 33 kW (45 PS), 10,1:1, 8 Ventile IBIZA II 1.0 03/1993...09/1996	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250 1,000			025 100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000
	53,978	59,019		2,503		0,079		0,250 1,000			025 100
	53,958	59,000	24,860	2,502	3.	0,020	M157	0,000	FL 10079	1	029 HS 10039 000
	53,978	59,019	24,910			0,082		0,250			025
	53,958	59,000	18,500	2,491	1.2.4.5.	0,016	M183	0,000	HL 18109	4	
	53,978	59,019		2,503		0,079		0,250			
	41,950	45,000	18,000	1,494		0,018	M100	0,000	PL 18062	4	034 PS 18063 000
	41,970	45,016		1,506		0,078		0,250 0,500 0,750 1,000			025 050 075 100
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066	Semi		300		
	41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066			000		
HL 18109											

Ø 76,5											9.1
ABU R 4 Benzin, 1598 cm ³ , 55 kW (75 PS), 9,3:1, 8 Ventile CORDOBA I 1.6 I 02/1993...06/1999 IBIZA II 1.6 I 03/1993...08/1999	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250 1,000			025 100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000
	53,978	59,019		2,503		0,079		0,250 1,000			025 100
	47,763	50,600	18,500	1,406		0,020	M114	0,000	PL 10080	4	029 PS 10224 000
	47,778	50,612				0,062		0,250 0,500 0,750			025 050 075
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066	Semi		300		

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

9.2

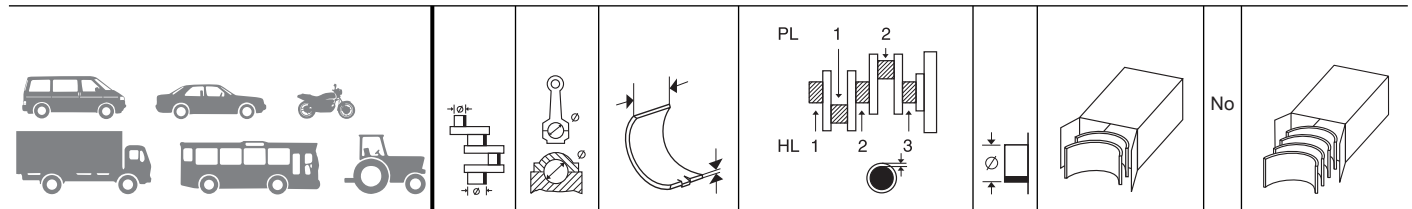
ABU R 4 Benzin, 1598 cm³, 55 kW (75 PS), 9,3:1, 8 Ventile CORDOBA I 1.6 I 02/1993...06/1999 IBIZA II 1.6 I 03/1993...08/1999	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
HL 18109											
PL 10080											

Ø 76,5

10.1

AEE R 4 Benzin, 1598 cm³, 55 kW (75 PS), 9,8:1, 8 Ventile CORDOBA I 1.6 I 02/1993...06/1999 IBIZA II 1.6 I 03/1993...08/1999 INCA 1.6 I 06/1997...09/2000	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
									1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	21,996	25,000	25,000	1,70			M100	Semi	BB 18082	4	029 BS 18083 300	
	22,000	25,033		1,77								
	19,997	23,000	25,000	1,70			M100	Semi	BB 18130	4	029 BS 18131 300	
	20,000	23,052		1,80								
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750			075	
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
								0,750				
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000	
53,978	59,019	25,030	2,503		0,079		0,250			025		
							0,500			050		
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3			
53,978	59,019		2,503		0,079		0,250					
							0,500					
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
53,978	59,019		2,503		0,079		0,250					
							0,500					
53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000		
53,978	59,019	18,500	2,507		0,056		0,250			025		
							0,500			050		
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000		
47,778	50,612				0,052		0,250			025		
							0,500			050		
							1,000			100		
47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000		
47,778	50,612	17,200	1,406		0,049		0,250			025		
							0,500			050		
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

10.2

AEE R 4 Benzin, 1598 cm ³ , 55 kW (75 PS), 9,8:1, 8 Ventile CORDOBA I 1.6 I 02/1993...06/1999 IBIZA II 1.6 I 03/1993...08/1999 INCA 1.6 I 06/1997...09/2000	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27			0,066		0,000	000		
BB 18130												
HL 18066												
HL 18109												
PL 18145												

Ø 76,5

11

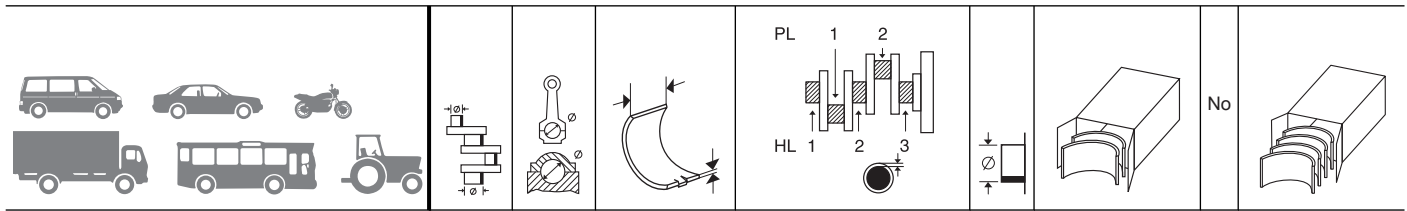
AEX R 4 Benzin, 1389 cm ³ , 44 kW (60 PS), 10:1, 8 Ventile AROSA 1.4 05/1997...06/2004 CORDOBA I 1.4 I 06/1994...06/1999 IBIZA II 1.4 I 09/1993...08/1999 INCA 1.4 I 11/1995...06/2003	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97					0,250			025	
									1,000				100
	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975									
	53,958	59,000	18,500	2,491	1-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000		
	53,978	59,019		2,503		0,079		0,250				025	
								1,000					100
	47,763	50,600	18,500	1,406		0,020	M114	0,000	PL 10080	4	029 PS 10224 000		
	47,778	50,612				0,062		0,250				025	
							0,500					050	
							0,750					075	
47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000			
47,778	50,612	17,200	1,406		0,049		0,250				025		
							0,500					050	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1				
42,975	46,025		1,77		0,066		Semi	300					
41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 300	1				
41,975	45,025		3,27		0,066		Semi	000					
HL 18109													
PL 10080													

Ø 76,5

12.1

AFH R 4 Benzin, 1390 cm ³ , 74 kW (100 PS), 10,5:1, 16 Ventile CORDOBA I 1.4 I 09/1996...06/1999 IBIZA II 1.4 I 09/1996...08/1999	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97					0,250			025	
									1,000				100
	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975									
	53,958	59,000	18,500	2,491	1-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000		
	53,978	59,019		2,503		0,079		0,250				025	
								1,000					100
	53,958	59,000	18,500	2,491	1-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000		
	53,978	59,019		2,503		0,079		0,250				025	

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

12.2

AFH R 4 Benzin, 1390 cm³, 74 kW (100 PS), 10,5:1, 16 Ventile CORDOBA I 1.4 I 09/1996...06/1999 IBIZA II 1.4 I 09/1996...08/1999	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
	53,978	59,019	18,500	2,507		0,056		0,250			025
	41,950	45,000	18,000	1,494		0,018	M100	0,000	PL 18062	4	034 PS 18063 000
	41,970	45,016		1,506		0,078		0,250			025
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066	Semi		300		
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066	0,000	000			
HL 18109											
HL 18066											

Ø 76,5

13

AFK, AXP R 4 Benzin, 1390 cm³, 55 kW (75 PS), 10,5:1, 16 Ventile AROSA 1.4 01/2000...06/2004 LEON 1.4 11/1999...06/2006 TOLEDO II 1.4 I 07/1999...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			
	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
	53,978	59,019	18,500	2,507		0,056		0,250			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066	0,000	000			

Ø 76,5

14

AHW R 4 Benzin, 1390 cm³, 55 kW (75 PS), 10,5:1, 16 Ventile LEON 1.4 11/1999...06/2006 TOLEDO II 1.4 I 07/1999...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
	53,978	59,019	18,500	2,507		0,056		0,250			025
	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
	47,778	50,612	17,200	1,406		0,049		0,250			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066	0,000	000			

Ø 76,5

15

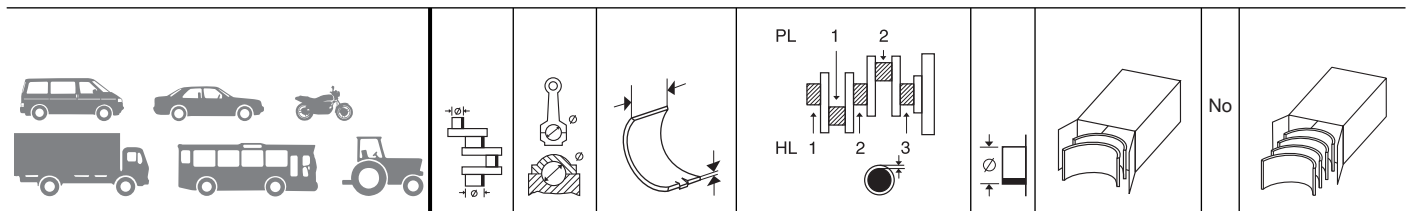
AKK, ANW, APE, AQQ, AUA, AUB, AUD, BBY, BBZ, BCA, BKY R 4 Benzin, 1390 cm³, 44 - 74 kW (60 - 100 PS), 10,4:1 - 10,5:1, 16 Ventile AROSA 1.4 05/1997...06/2004 CORDOBA I 1.4 06/1999...12/2002 CORDOBA I 1.4 I 02/2000...10/2002 CORDOBA II 1.4 I 09/2002...11/2009 IBIZA III 1.4 08/1999...02/2002 IBIZA IV 1.4 02/2002...11/2009 INCA 1.4 I 11/1995...06/2003 LEON 1.4 11/1999...06/2006 TOLEDO II 1.4 I 07/1999...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			
	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
	53,978	59,019	18,500	2,507		0,056		0,250			025
	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
	47,778	50,612	17,200	1,406		0,049		0,250			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066	0,000	000			

Ø 76,5

16.1

AKV, ANX R 4 Benzin, 1390 cm³, 40 kW (54 PS), 10,2:1, 8 Ventile AROSA 1.4 05/1997...06/2004 CORDOBA I 1.4 I 06/1994...06/1999 IBIZA II 1.4 12/1997...04/1999 IBIZA II 1.4 I 09/1993...08/1999 INCA 1.4 I 11/1995...06/2003	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975				0,250			
	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
	53,978	59,019	18,500	2,507		0,056		0,250			025
	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
	47,778	50,612	17,200	1,406		0,049		0,250			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066	0,000	000			

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

23.2

CAXA R 4 Benzin, 1390 cm ³ , 90 kW (122 PS), 10:1, 16 Ventile TOLEDO IV 1.4 TSI 07/2012...	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050	

Ø 76,5

24

CFNA R 4 Benzin, 1598 cm ³ , 77 kW (105 PS), 10,5:1, 16 Ventile TOLEDO IV 1.6 07/2013...	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050

Ø 76,5

25

CGGB R 4 Benzin, 1390 cm ³ , 63 kW (85 PS), 10,5:1, 16 Ventile ALTEA 1.4 05/2006...10/2006 IBIZA V 1.4 03/2008...03/2010 LEON 1.4 06/2006...	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000 025 050
	47,778	50,612	17,200	1,406		0,049		0,250 0,500			

Ø 76,5

26

CNKA R 4 Benzin, 1598 cm ³ , 60 kW (81 PS), 10,5:1, 16 Ventile IBIZA V 1.6 LPG 05/2011...	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000 025 050
	53,978	59,019	18,500	2,507		0,056		0,250 0,500			

Ø 76,5

27

CNUB, CTHE, CTHF, CTJB, CTJC R 4 Benzin, 1390 cm ³ , 110 - 132 kW (150 - 180 PS), 16 Ventile IBIZA V 1.4 TSI 06/2009...02/2012	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							

Ø 76,5

28

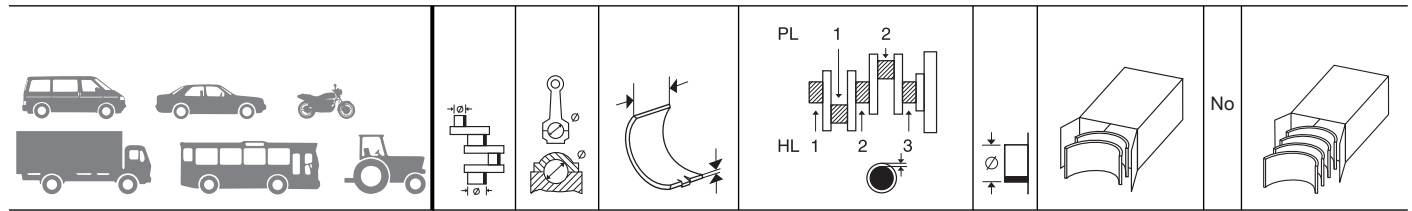
CTHA R 4 Benzin, 1390 cm ³ , 110 kW (150 PS), 16 Ventile ALHAMBRA 1.4 TSI 06/2010...	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250 1,000			
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050	

Ø 76,5

29.1




FD R 4 Benzin, 1470 cm ³ , 55 - 63 kW (75 - 86 PS), 9,7:1, 8 Ventile	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,250 0,500			
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	45,958 45,978	49,000 49,012	19,000	1,506		0,010 0,062	M780	0,000 0,250 0,500	PL 10351	4	034 PS 18670 000 025 050
42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

29.2

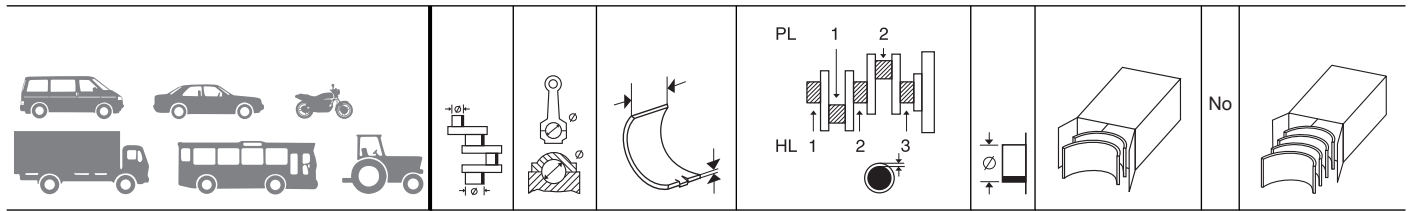
FD R 4 Benzin, 1470 cm³, 55 - 63 kW (75 - 86 PS), 9,7:1, 8 Ventile	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27		0,066		0,000	000	
	HL 18066 									
HL 18109 										
PL 10351 										

Ø 79,5

30.1

1Y R 4 Diesel, 1896 cm³, 47 - 50 kW (64 - 68 PS), 22,5:1, 8 Ventile CORDOBA I 1.9 D IBIZA II 1.9 D INCA 1.9 D TOLEDO I 1.9 D	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
02/1993...08/1996	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
04/1993...08/1996	59,750	73,200		1,975							100
11/1995...06/2003	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
05/1991...03/1999	53,978	59,019		2,503		0,079		0,250			025
AHB R 4 Diesel, 1716 cm³, 42 kW (57 PS), 19,5:1, 8 Ventile INCA 1.7 D	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	075
	53,978	59,019		2,503		0,079		0,250			075
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000
	53,978	59,019	25,030	2,503		0,079		0,250			025
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	050
	53,978	59,019		2,503		0,079		0,250			050
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			050
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	18,700	1,396		0,012	M114	0,000	PL 10225	4	029 PS 10248 000
	47,778	50,619	19,000	1,406		0,067		0,250			025
	47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000
	47,778	50,619	19,000	1,406		0,073		0,250			025
	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000
	47,778	50,619	19,000	1,406		0,067		0,250			025
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

30.2

1Y R 4 Diesel, 1896 cm³, 47 - 50 kW (64 - 68 PS), 22,5:1, 8 Ventile CORDOBA I 1.9 D 02/1993...08/1996 IBIZA II 1.9 D 04/1993...08/1996 INCA 1.9 D 11/1995...06/2003 TOLEDO I 1.9 D 05/1991...03/1999 AHB R 4 Diesel, 1716 cm³, 42 kW (57 PS), 19,5:1, 8 Ventile INCA 1.7 D 09/1996...06/2003	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27		0,066		0,000	000	
	HL 18066									
	HL 18109									
PL 10342										
PL 19903										

Ø 79,5

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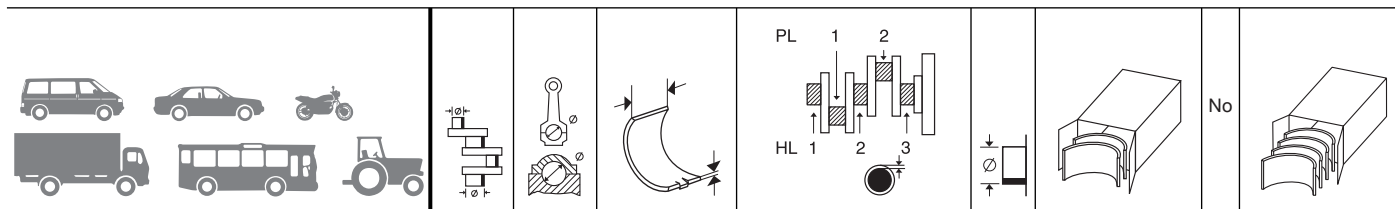
1Z, AAZ R 4 Diesel, 1896 cm³, 55 kW (75 PS), 19,5:1 - 22,5:1, Turbo, LLK, 8 Ventile ALHAMBRA 1.9 TDI 04/1996...03/2010 CORDOBA I 1.9 TD 02/1993...08/1996 CORDOBA I 1.9 TDI 08/1996...06/1999 IBIZA II 1.9 TD 03/1993...08/1996 IBIZA II 1.9 TDI 08/1996...08/1999 TOLEDO I 1.9 TD 05/1991...03/1999 TOLEDO I 1.9 TDI 08/1995...03/1999	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
								1,000				100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975							000	
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300	
		29,052										
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750			075	
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
								0,750				
	47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000	
47,778	50,619	19,000	1,406		0,073		0,250			025		
							0,500			050		
							0,750			075		
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000		
47,778	50,619	19,000	1,406		0,067		0,250			025		
							0,500			050		
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1			
41,975	45,025		3,27		0,066		0,000	000				
HL 18066												
HL 18109												
PL 10342												
PL 19903												

Ø 79,5

32.1

AEF R 4 Diesel, 1896 cm³, 47 kW (64 PS), 22,5:1, 8 Ventile	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

32.2

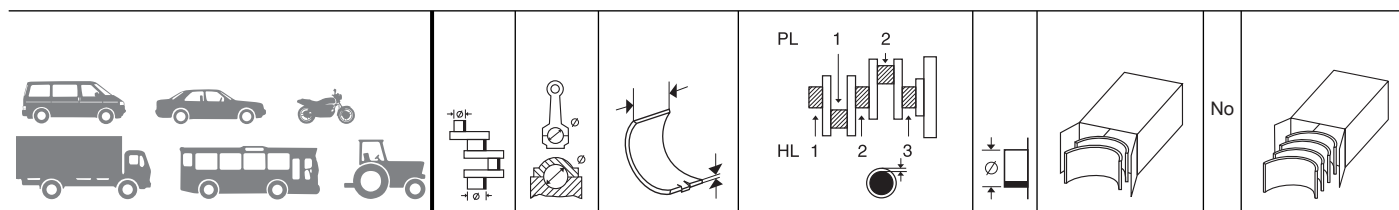
AEF R 4 Diesel, 1896 cm³, 47 kW (64 PS), 22,5:1, 8 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500	PL 10342	4	029 PS 10722 000 025 050
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
HL 18109											
HL 18066											
PL 10342											
PL 19903											

Ø 79,5

33.1

AEY, AGP, ALH R 4 Diesel, 1896 cm³, 47 - 66 kW (64 - 90 PS), 19,5:1 - 22,5:1, 8 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
CORDOBA I 1.9 SDI 08/1996...12/2002	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
CORDOBA I 1.9 TDI 06/1999...12/2002	59,750	73,200		1,975			M157	0,000	AL 20557	4	029 AS 20558 000
IBIZA II 1.9 SDI 08/1996...08/1999	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
IBIZA III 1.9 SDI 08/1999...02/2002	26,000	29,052					M114	Semi	BB 10247	4	029 BS 10265 300
INCA 1.9 SDI 11/1995...06/2003	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
INCA 1.9 TDI 09/1996...06/2003	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
LEON 1.9 TDI 11/1999...06/2006	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
TOLEDO II 1.9 TDI 04/1999...05/2006	47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500 0,750	PL 10342	4	029 PS 10722 000 025 050 075
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

33.2

AEY, AGP, ALH	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
R 4 Diesel, 1896 cm ³ , 47 - 66 kW (64 - 90 PS), 19,5:1 - 22,5:1, 8 Ventile	41,975	45,025		3,27		0,066		0,000	000	
CORDOBA I 1.9 SDI 08/1996...12/2002	HL 18066									
CORDOBA I 1.9 TDI 06/1999...12/2002	HL 18066									
IBIZA II 1.9 SDI 08/1996...08/1999	HL 18109									
IBIZA III 1.9 SDI 08/1999...02/2002	HL 18109									
INCA 1.9 SDI 11/1995...06/2003	PL 10342									
INCA 1.9 TDI 09/1996...06/2003	PL 10342									
LEON 1.9 TDI 11/1999...06/2006	PL 19903									
TOLEDO II 1.9 TDI 04/1999...05/2006	PL 19903									

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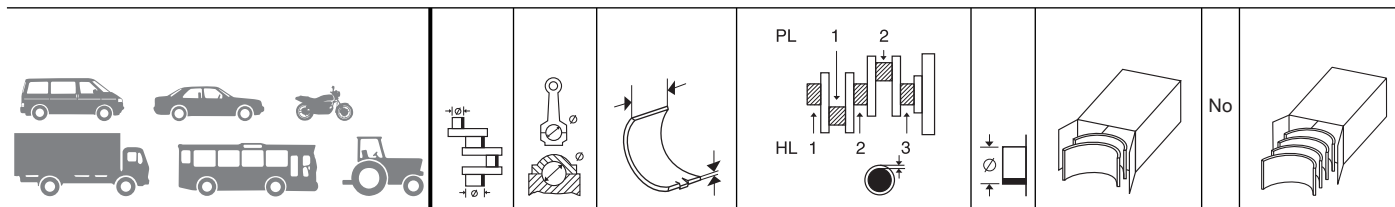
AFN	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
R 4 Diesel, 1896 cm ³ , 81 kW (110 PS), 19,5:1, Turbo, LLK, 8 Ventile	59,750	73,200		1,97							
ALHAMBRA 1.9 TDI 08/1996...06/2000	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
CORDOBA I 1.9 TDI 03/1997...06/1999	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
IBIZA II 1.9 TDI 02/1997...08/1999	53,978	59,019		2,503		0,079		0,250			025
TOLEDO I 1.9 TDI 11/1996...03/1999	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050

Ø 79,5

35.1

AGR	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
R 4 Diesel, 1896 cm ³ , 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile	59,750	73,200		1,97				0,250			025
CORDOBA I 1.9 TDI 06/1999...12/2002	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
IBIZA III 1.9 TDI 08/1999...02/2002	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
LEON 1.9 TDI 11/1999...06/2006	53,978	59,019		2,503		0,079		0,250			025
TOLEDO II 1.9 TDI 04/1999...05/2006	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	075
	53,978	59,019		2,503		0,079		0,250			075
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000
	47,778	50,619	19,000	1,406		0,073		0,250			025
	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000
	47,778	50,619	19,000	1,406		0,067		0,250			025
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		300

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

35.2

AGR R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
CORDOBA I 1.9 TDI	06/1999...12/2002		HL 18066								
IBIZA III 1.9 TDI	08/1999...02/2002		HL 18109								
LEON 1.9 TDI	11/1999...06/2006		PL 10342								
TOLEDO II 1.9 TDI	04/1999...05/2006		PL 19903								

Ø 79,5

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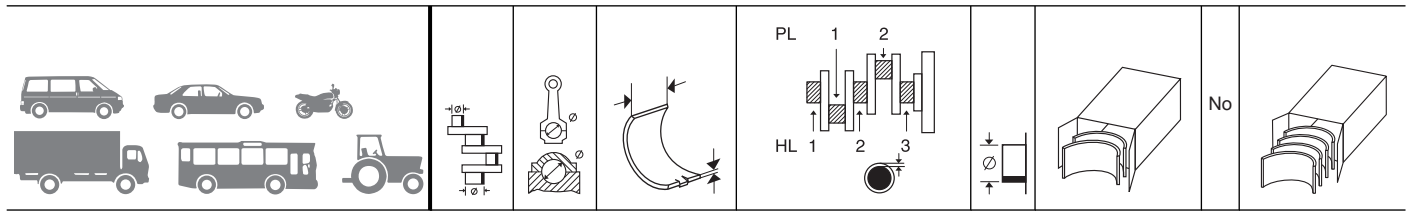
AHF, ANU, ASV, ATD, BVK R 4 Diesel, 1896 cm³, 66 - 85 kW (90 - 115 PS), 18:1 - 19,5:1, Turbo, LLK, 8 Ventile	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000							
	59,750	73,200		1,975														
ALHAMBRA 1.9 TDI	04/1996...03/2010		26,000		29,000		M114		Semi		BB 10247	4	029 BS 10265 300					
CORDOBA I 1.9 TDI	06/1999...12/2002		29,052															
CORDOBA II 1.9 TDI	09/2002...11/2009		53,958		59,000		18,500		2,491		1.-5.		0,016	M100	0,000	HL 18066	5	029 HS 19761 000
IBIZA III 1.9 TDI	08/1999...02/2002		53,978		59,019		2,503		0,079				0,250					025
IBIZA IV 1.9 TDI	02/2002...11/2009		41,959		45,000		15,000		1,70				0,025	M11	Semi	029 LB 18192 300	1	
LEON 1.9 TDI	11/1999...06/2006		41,975		45,025				0,066				0,000			000		
TOLEDO II 1.9 TDI	04/1999...05/2006																	

Ø 79,5

37.1

AHU R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000											
	59,750	73,200		1,97				0,250			025											
ALHAMBRA 1.9 TDI	04/1996...03/2010		59,000		72,950		1,925		0,000		AL 20557		4		029 AS 20558 000							
CORDOBA I 1.9 TDI	08/1996...10/2002		59,750		73,200		1,975															
CORDOBA II 1.9 TDI	08/1996...08/1999		26,000		29,000		25,000		M114		Semi		BB 10247		4		029 BS 10265 300					
TOLEDO I 1.9 TDI	08/1995...03/1999		29,052																			
	53,958		59,000		18,500		2,491		1.2.3.5.		0,016		M100		0,000		HL 18066		4		029 HS 18067 000	
	53,978		59,019		2,503		0,079				0,250				0,750						025	
	53,958		59,000		18,500		2,491		4.		0,016		M183		0,000		HL 18109		1		075	
	53,978		59,019		2,503		0,079				0,250				0,750							
	47,758		50,600		18,700		1,394				0,010		M215		0,000		PL 10342		4		029 PS 10722 000	
	47,778		50,619		19,000		1,406				0,073				0,250						025	
	47,758		50,600		18,700		1,395				0,012		M114		0,000		PL 19903		4		029 PS 19905 000	
	47,778		50,619		19,000		1,406				0,067				0,250						025	
	47,758		50,600		18,750		1,40				0,010		M920		0,000		PL 20033		4		029 PS 20034 000	
	47,778		50,612		19,000		1,406				0,054				0,250						025	
	42,959		46,000		15,000		1,70				0,025		M11		0,000		029 LB 18191 000		1		300	
	42,975		46,025				1,77				0,066		Semi									

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

37.2

AHU R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile ALHAMBRA 1.9 TDI 04/1996...03/2010 CORDOBA I 1.9 TDI 08/1996...10/2002 IBIZA II 1.9 TDI 08/1996...08/1999 TOLEDO I 1.9 TDI 08/1995...03/1999	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
	HL 18066										
	HL 18109										
	PL 10342										
PL 19903											

Ø 79,5

38

AKU R 4 Diesel, 1716 cm³, 44 kW (60 PS), 19,5:1, 8 Ventile AROSA 1.7 SDI 08/1997...06/2004 CORDOBA I 1.7 SDI 07/1997...06/1999	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
53,978	59,019		2,503		0,079		0,250				025
ASY R 4 Diesel, 1896 cm³, 47 kW (64 PS), 19,5:1, 8 Ventile CORDOBA II 1.9 SDI 09/2002...11/2009 IBIZA IV 1.9 SDI 02/2002...12/2005											

Ø 79,5

39

AMF R 3 Diesel, 1422 cm³, 55 kW (75 PS), 19,5:1, 6 Ventile AROSA 1.4 TDI 01/2000...06/2004	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	53,958	59,000	18,500	2,491	1.-4.	0,016	M100	0,000	HL 18066	4	029 HS 20869 000
53,978	59,019		2,503		0,079		0,250				025
								0,500			050

Ø 79,5

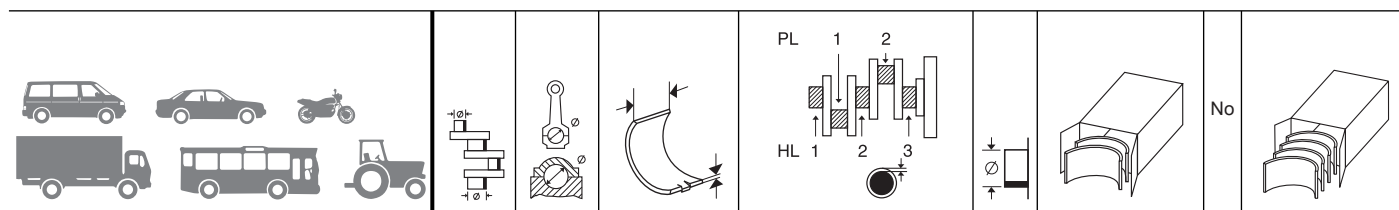
40

AQM R 4 Diesel, 1896 cm³, 50 kW (68 PS), 19,5:1, 8 Ventile CORDOBA I 1.9 SDI 06/1999...12/2002 IBIZA III 1.9 SDI 08/1999...02/2002 LEON 1.9 SDI 11/1999...06/2006 TOLEDO II 1.9 SDI 11/1999...06/2004	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052										
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
47,778	50,619	19,000	1,406		0,067		0,250				025
								0,500			050
HL 18066											
PL 19903											

Ø 79,5

41

ARL, BTB R 4 Diesel, 1896 cm³, 110 kW (150 PS), 18,5:1 - 19:1, Turbo, LLK, 8 Ventile ALHAMBRA 1.9 TDI 05/2005...05/2007 LEON 1.9 TDI 02/2001...06/2006 TOLEDO II 1.9 TDI 10/2000...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975				1,000			100
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
53,978	59,012	18,500	2,501		0,064						
50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000	
50,878	53,712	20,400	1,403		0,064		0,250				025



Ø 79,5 42

ASK R 4 Diesel, 1896 cm³, 81 kW (110 PS) CORDOBA I 1.9 TDI 06/1999...12/2002 IBIZA III 1.9 TDI 08/1999...02/2002	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052	29,052									
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	000
	41,975	45,025		3,27		0,066		0,000			

Ø 79,5 43

ASZ, BLT R 4 Diesel, 1896 cm³, 96 kW (130 - 131 PS), 18,5:1 - 19:1, Turbo, LLK, 8 Ventile ALHAMBRA 1.9 TDI 11/2002...11/2008 CORDOBA II 1.9 TDI 10/2002...11/2009 IBIZA IV 1.9 TDI 02/2002...11/2009 LEON 1.9 TDI 05/2003...06/2006 TOLEDO II 1.9 TDI 05/2003...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
									1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300	
	29,052	29,052										
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
	53,978	59,012	18,500	2,501		0,064						
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000	
	50,878	53,712	20,400	1,403		0,064		0,250			025	
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	000	
	41,975	45,025		3,27		0,066		0,000				

Ø 79,5 44

AUY R 4 Diesel, 1896 cm³, 85 kW (115 PS), 19:1, Turbo, LLK, 8 Ventile ALHAMBRA 1.9 TDI 06/2000...03/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052	29,052									
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	000
	41,975	45,025		3,27		0,066		0,000			

Ø 79,5 45

AVG R 4 Diesel, 1896 cm³, 81 kW (110 PS), 19,5:1, 8 Ventile	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052	29,052									
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050

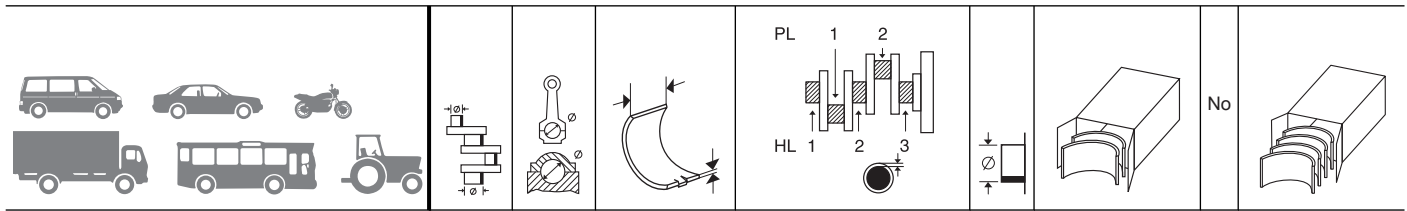
Ø 79,5 46

AXR R 4 Diesel, 1896 cm³, 74 kW (101 PS), 19:1, Turbo, 8 Ventile CORDOBA II 1.9 TDI 09/2002...11/2009 IBIZA IV 1.9 TDI 02/2002...11/2009 LEON 1.9 TDI 10/2005...02/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
									1,000		100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052	29,052									
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	000
	41,975	45,025		3,27		0,066		0,000			

Ø 79,5 47.1




AYQ R 4 Diesel, 1896 cm³, 47 kW (64 PS), 19,5:1, 8 Ventile INCA 1.9 SDI 11/1995...06/2003	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052	29,052									
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

47.2

AYQ R 4 Diesel, 1896 cm³, 47 kW (64 PS), 19,5:1, 8 Ventile INCA 1.9 SDI 11/1995...06/2003	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050
	47,778	50,619	19,000	1,406		0,067		0,250			
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1	
	41,975	45,025		3,27		0,066		0,000			
HL 18066											
PL 19903											

Ø 79,5

48

BJB, BKC R 4 Diesel, 1889 cm³, 77 kW (105 PS), 19:1, 8 Ventile ALTEA 1.9 TDI 04/2004...10/2006 LEON 1.9 TDI 07/2005... TOLEDO III 1.9 TDI 10/2004...05/2009	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				1,000			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					

Ø 79,5

49

BLS, BXE, BXF, BXJ R 4 Diesel, 1896 cm³, 66 - 77 kW (90 - 105 PS), 19:1 - 19,5:1, Turbo, LLK ALTEA 1.9 TDI 04/2004...08/2009 ALTEA XL 1.9 TDI 4X4 06/2009...12/2010 IBIZA V 1.9 TDI 03/2008...06/2010 LEON 1.9 TDI 07/2005...06/2007 TOLEDO III 1.9 TDI 10/2004...05/2009	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
CAYA, CAYB, CAYC, CLNA R 4 Diesel, 1598 cm³, 55 - 77 kW (75 - 105 PS), 16,5:1, 16 Ventile ALTEA 1.6 TDI 10/2009...11/2010 IBIZA V 1.6 TDI 05/2009...03/2012 LEON 1.6 TDI 02/2010... TOLEDO IV 1.6 TDI 07/2012...06/2013	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							

Ø 79,5

50

BMT R 4 Diesel, 1896 cm³, 74 kW (101 PS) CORDOBA II 1.9 TDI 09/2002...11/2009 IBIZA IV 1.9 TDI 02/2002...11/2009	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052									
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1	
	41,975	45,025		3,27		0,066		0,000			

Ø 80

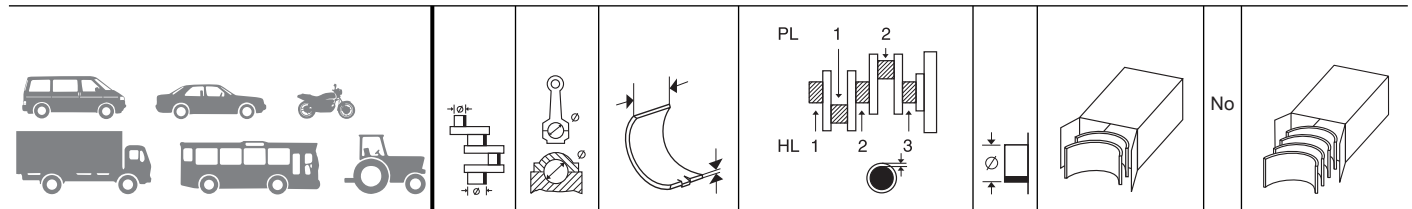
51

022A.000, 132 BB OA O, 132 BB OA O, 138 AR 6000 R 4 Benzin, 1592 cm³, 68 - 72 kW (92 - 98 PS), 9:1 131 1.6 03/1982...01/1985 RONDA 1.6 08/1983...09/1985	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							
	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200 210 220
	53,005	56,730	24,250	1,841		0,079		0,254			
	52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841		0,079		0,254			

Ø 80

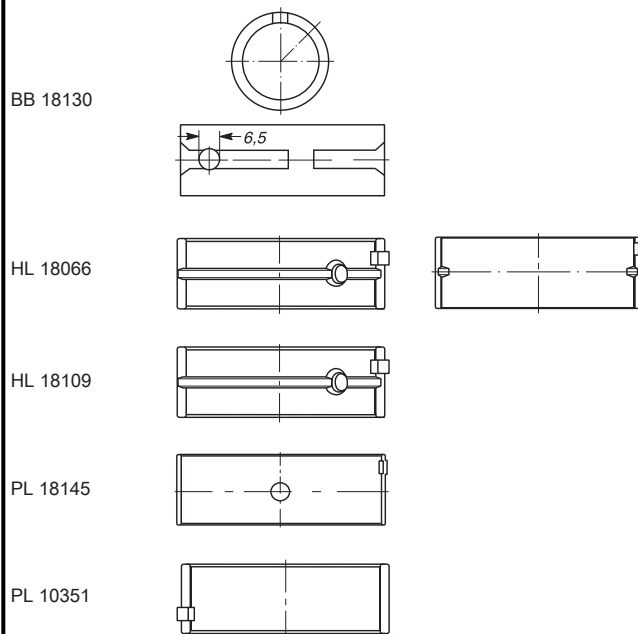
52

124 B7.000 R 4 Benzin, 1438 cm³, 54 kW (73 PS), 9:1 RONDA 1.4 06/1982...11/1988	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254			



Ø 81 53

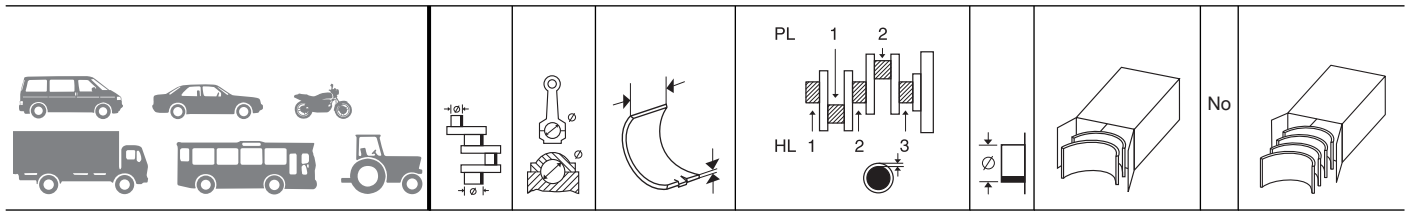
1F R 4 Benzin, 1598 cm³, 55 kW (75 PS), 9:1 CORDOBA I 1.6 I 05/1994...06/1999 IBIZA II 1.6 I 09/1994...06/1999 INCA 1.6 I 11/1995...05/1998 TOLEDO I 1.6 I 05/1991...03/1999 HM R 4 Benzin, 1595 cm³, 55 kW (75 PS), 9:1	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	21,996 22,000	25,000 25,033	25,000	1,70 1,77		0,012 0,022	M100	Semi	BB 18082	4	029 BS 18083 300
	19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	4	029 BS 18131 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	45,958 45,978	49,000 49,012	19,000	1,506		0,010 0,062	M780	0,000 0,250 0,500	PL 10351	4	034 PS 18670 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	



Ø 81 54.1

ABN R 4 Benzin, 1595 cm³, 55 kW (75 PS), 9:1, 8 Ventile TOLEDO I 1.6 I 05/1991...03/1999	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
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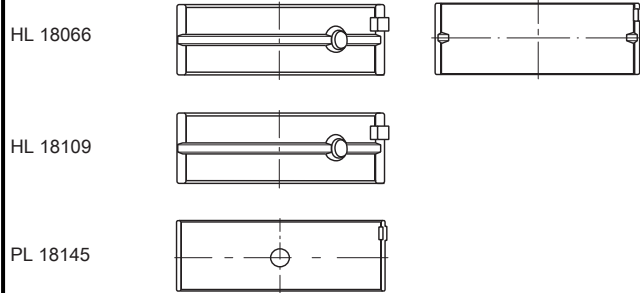
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Ø 81 - Fortsetzung / Continued

54.2

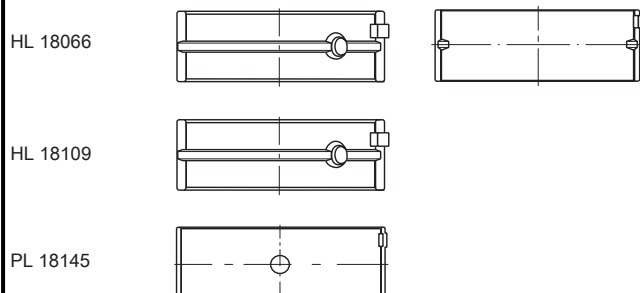
ACC, ADZ, KR R 4 Benzin, 1781 cm³, 66 - 102 kW (90 - 139 PS), 9:1 - 10:1 CORDOBA I 1.8 I 02/1993...06/1999 IBIZA II 1.8 I 03/1993...08/1999 TOLEDO I 1.8 I 05/1991...03/1999	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	



Ø 81

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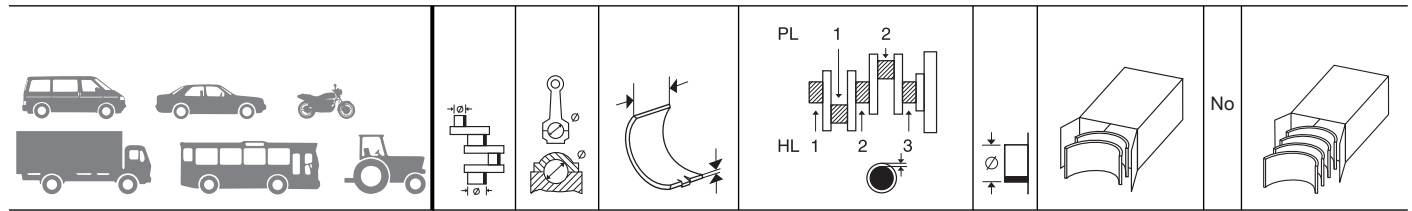
ABS R 4 Benzin, 1781 cm³, 66 kW (90 PS), 10:1, 8 Ventile CORDOBA I 1.8 I 02/1993...06/1999 IBIZA II 1.8 I 03/1993...08/1999 TOLEDO I 1.8 I 11/1993...12/1996	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	



Ø 81

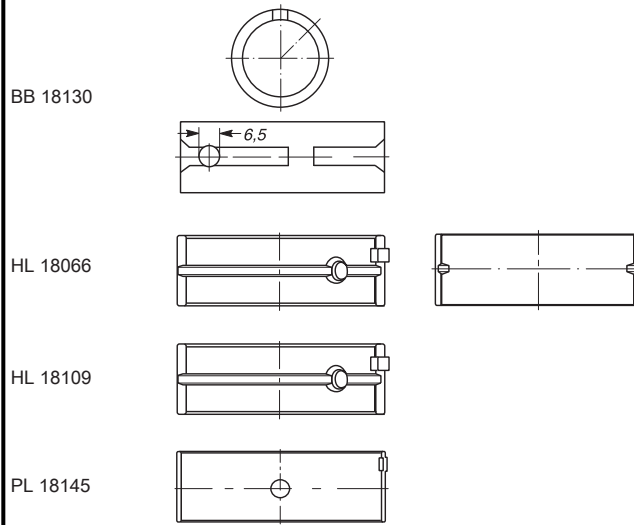
56

AEH R 4 Benzin, 1595 cm³, 74 kW (101 PS), 10,3:1, 8 Ventile CORDOBA I 1.6 06/1999...12/2002 IBIZA III 1.6 08/1999...02/2002 LEON 1.6 11/1999...06/2006 TOLEDO II 1.6 I 02/1999...09/2000	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
	53,963 53,983	59,000 59,010	18,300 18,500	2,50 2,508		0,001 0,047	M916	0,000 0,250 0,500	HL 20559	5	
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050



Ø 81 57

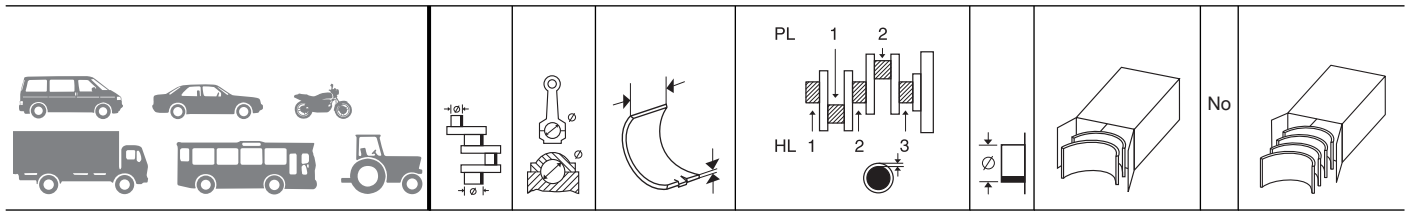
AFT R 4 Benzin, 1595 cm ³ , 74 kW (101 PS), 10,3:1, 8 Ventile CORDOBA I 1.6 I 07/1996...10/1999 IBIZA II 1.6 I 04/1996...08/1999 TOLEDO I 1.6 I 11/1996...03/1999	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022					
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300
	20,000	23,052		1,80		0,021					
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250			
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100	
47,778	50,612				0,052		0,250				
47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000 025 050	
47,778	50,612	19,000	1,406		0,054		0,250				
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
42,975	46,025		1,77		0,066		Semi				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1		
41,975	45,025		3,27		0,066		0,000				



Ø 81 58.1

AGN R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 20 Ventile LEON 1.8 11/1999...06/2006 TOLEDO II 1.8 I 02/1999...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050	
53,978	59,019	25,030	2,503		0,079		0,250				
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3		
53,978	59,019		2,503		0,079		0,250				
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				

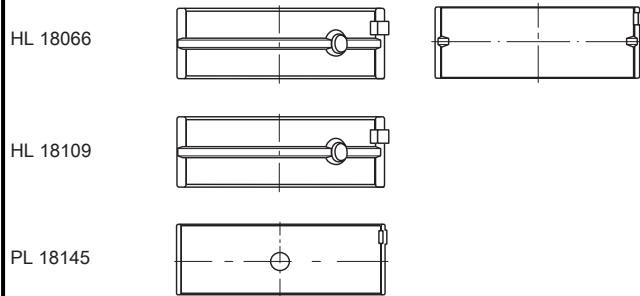
Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

58.2

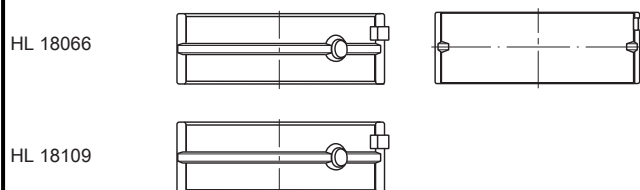
AGN R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 20 Ventile LEON 1.8 TOLEDO II 1.8 l 11/1999...06/2006 02/1999...05/2006	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	53,963 53,983	59,000 59,010	18,300 18,500	2,50 2,508		0,001 0,047	M916	0,000 0,250 0,500	HL 20559	5	029 HS 20560 000 025 050
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

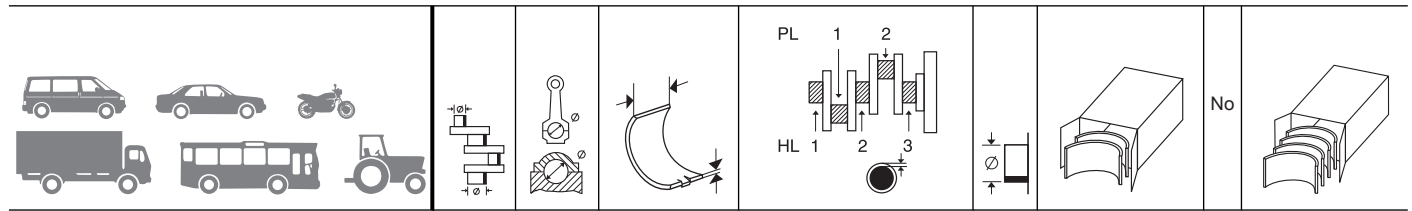


Ø 81

59

AGU, Euro 2 4 Benzin, 1781 cm ³ , 110 kW (150 PS), 9,5:1, 20 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	53,963 53,983	59,000 59,010	18,300 18,500	2,50 2,508		0,001 0,047	M916	0,000 0,250 0,500	HL 20559	5	029 HS 20560 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	





Ø 81 **60**

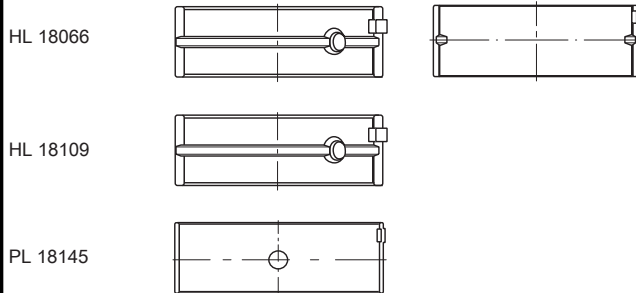
AGZ, AQN VR 5 Benzin, 2324 cm ³ , 110 - 125 kW (150 - 170 PS), 10:1 - 10,8:1, 10 Ventile TOLEDO II 2.3 I 04/1999...05/2006	65,450	79,760		1,673			M157	0,000	AL 20847	2	029 AS 20848 000
	65,690	80,000		1,723							
		23,000	19,500				M100	Semi	BB 20849	5	029 BS 20855 300
		23,052	20,000								
	59,958	65,000	16,750	2,493		0,020	M810	0,000	HL 20843	6	029 HS 20853 000
59,978	65,010	17,000	2,501		0,066		0,250			025	
							0,500				050
53,958	56,800	16,750	1,396		0,014	M810	0,000	PL 20851	5	029 PS 20854 000	
53,978	56,819	17,000	1,404		0,069		0,250			025	
							0,500				050
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi	300			

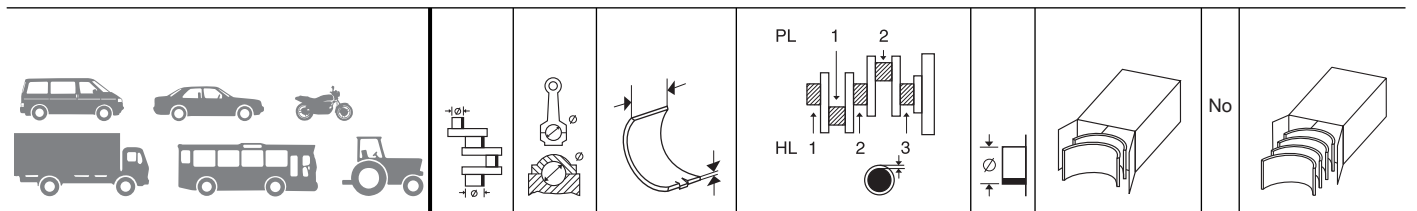
Ø 81 **61**

AJH, AWC, BBU R 4 Benzin, 1781 cm ³ , 110 - 132 kW (150 - 179 PS), 9,5:1, Turbo, LLK, 5 Ventile ALHAMBRA 1.8 T 10/1997...03/2010 IBIZA IV 1.8 T CUPRA R 01/2004...02/2008	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019	2,503		0,079		0,250				025

Ø 81 **62**

AJQ R 4 Benzin, 1781 cm ³ , 132 kW (180 PS), 9,5:1, Turbo, LLK, 5 Ventile LEON 1.8 T 4 11/1999...06/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
	53,978	59,019	2,503			0,079		0,250			025
								0,750			075
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019	2,503			0,079		0,250			025
								0,750			075
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000
	53,978	59,019	25,030	2,503		0,079		0,250			025
								0,500			050
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3		
53,978	59,019	2,503			0,079		0,250			025	
							0,500			050	
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019	2,503			0,079		0,250			025	
							0,500			050	
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
53,978	59,019	2,503			0,079		0,250			025	
53,963	59,000	18,300	2,50		0,001	M916	0,000	HL 20559	5	029 HS 20560 000	
53,983	59,010	18,500	2,508		0,047		0,250			025	
							0,500			050	
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000	
47,778	50,612				0,052		0,250			025	
							0,500			050	
							1,000			100	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi	300			
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			





Ø 81											63
AKL R 4 Benzin, 1595 cm ³ , 74 kW (100 PS), 10,3:1, 8 Ventile CORDOBA I 1.6 CORDOBA I 1.6 I IBIZA III 1.6 LEON 1.6 TOLEDO II 1.6 I	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050

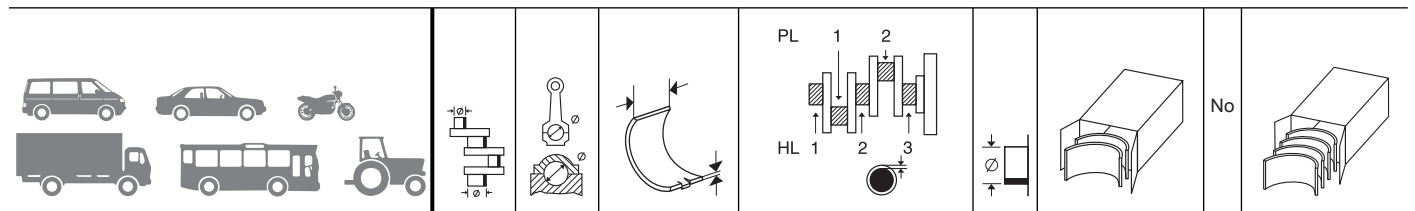
Ø 81											64
ALZ, BFQ R 4 Benzin, 1595 cm ³ , 75 kW (102 PS), 10,2:1, 8 Ventile EXEO 1.6 LEON 1.6	53,500 53,750	65,550 65,800		2,425 2,475			M916	0,000	AL 20865	4	029 AS 20866 000
	47,958 47,978	53,000 53,010	18,250 18,500	2,50 2,506		0,010 0,052	M916	0,000 0,250 0,500	HL 20863	5	029 HS 20864 000 025 050
BGU, BSE, BSF R 4 Benzin, 1598 cm ³ , 75 kW (102 PS), 8 Ventile ALTEA 1.6 LEON 1.6 TOLEDO III 1.6 I	41,965 41,980	45,000 45,016	18,750 19,000	1,499 1,507		0,006 0,053	M810	0,000 0,250 0,500	PL 20895	4	029 PS 20896 000 025 050

Ø 81											65
AMK R 4 Benzin, 1781 cm ³ , 154 kW (209 PS), 9:1, Turbo, LLK, 5 Ventile LEON 1.8 T	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,963 53,983	59,000 59,010	18,300 18,500	2,50 2,508		0,001 0,047	M916	0,000 0,250 0,500	HL 20559	5	029 HS 20560 000 025 050


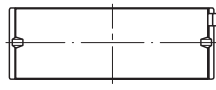

Ø 81											66
APF R 4 Benzin, 1595 cm ³ , 74 kW (100 PS), 10,3:1 CORDOBA I 1.6 IBIZA III 1.6 LEON 1.6 TOLEDO II 1.6 I	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
	53,963 53,983	59,000 59,010	18,300 18,500	2,50 2,508		0,001 0,047	M916	0,000 0,250 0,500	HL 20559	5	029 HS 20560 000 025 050
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 81											67
APG R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 5 Ventile LEON 1.8 TOLEDO II 1.8 I	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>HL 18066</p> </div> <div style="text-align: center;"> <p>PL 18145</p> </div> </div>										

Ø 81											68
APP, BAM, BJX, BKV R 4 Benzin, 1781 cm ³ , 110 - 165 kW (150 - 225 PS), 8,9:1 - 9,5:1, Turbo, LLK, 5 Ventile IBIZA IV 1.8 T FR LEON 1.8 T LEON 1.8 T CUPRA R TOLEDO II 1.8 I	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000



Ø 81 69

AQX, AYP R 4 Benzin, 1781 cm ³ , 115 kW (156 PS), 9,5:1, Turbo, LLK, 5 Ventile CORDOBA I 1.8 T IBIZA III 1.8 T 07/2000...10/2002 07/2000...02/2002	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
HL 18066											
HL 18109											

Ø 81 70

ARY, AUQ R 4 Benzin, 1781 cm ³ , 132 kW (180 PS), 9,5:1, Turbo, LLK, 5 Ventile LEON 1.8 T TOLEDO II 1.8 I 11/1999...06/2006 05/2001...05/2006	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050

Ø 81 71

AUE, AYL, BDE VR 6 Benzin, 2800 cm ³ , 150 kW (204 PS), 10,8:1, 24 Ventile ALHAMBRA 2.8 LEON 2.8 LEON 2.8 CUPRA 4 06/2000...03/2010 05/2002...06/2004 02/2001...06/2006	65,450 65,690	79,760 80,000		1,673 1,723			M157	0,000	AL 20847	2	029 AS 20848 000
		23,000 23,052	19,500 20,000				M100	Semi	BB 20849	6	029 BS 20850 300
	59,958 59,978	65,000 65,010	16,750 17,000	2,493 2,501		0,020 0,066	M810	0,000 0,250 0,500	HL 20843	7	029 HS 20844 000 025 050
	53,958 53,978	56,800 56,819	16,750 17,000	1,396 1,404		0,014 0,069	M810	0,000 0,250 0,500	PL 20851	6	029 PS 20852 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Ø 81 72

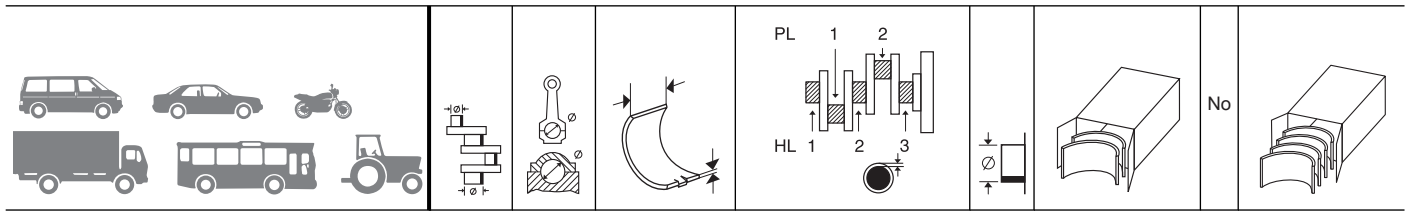
AUR R 4 Benzin, 1595 cm ³ , 74 kW (100 PS), 10,3:1 CORDOBA I 1.6 IBIZA III 1.6 06/1999...12/2002 08/1999...02/2002	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 81 73

AZV, BKD, BMM, BMN, BRT, CAGA, CAHA, CBDB, CEGA, CFFB, CFGB, CFHC R 4 Diesel, 1968 cm ³ , 100 - 125 kW (136 - 170 PS), 16,5:1 - 18,5:1, 16 Ventile ALHAMBRA 2.0 TDI ALTEA 2.0 TDI EXEO 2.0 TDI LEON 2.0 TDI TOLEDO III 2.0 TDI 11/2005...05/2011 03/2004...05/2009 12/2008...05/2009 07/2005...05/2010 04/2004...05/2009	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
	50,858 50,878	53,700 53,712	20,100 20,400	1,398 1,403		0,020 0,064	M330	0,000 0,250	PL 19908	4	029 PS 19909 000 025

Ø 81 74

BLZ R 4 Benzin, 1781 cm ³ , 132 kW (180 PS) IBIZA IV 1.8 T CUPRA R 01/2004...02/2008	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050



75											
Ø 81											
CAGC, CLCB R 4 Diesel, 1968 cm³, 88 - 103 kW (120 - 140 PS), 16,5:1, 16 Ventile EXEO 2.0 TDI 12/2008...07/2009 LEON 2.0 TDI 07/2005...	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000

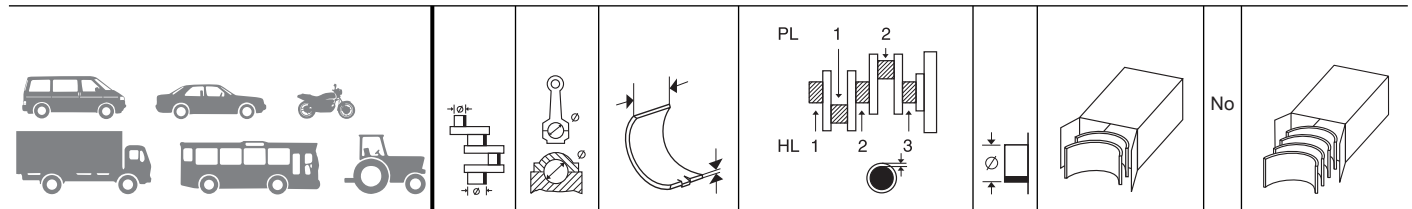
76											
Ø 81											
CCSA, CMXA R 4 Benzin, 1595 cm³, 75 kW (102 PS), 10,5:1 ALTEA 1.6 03/2004...10/2006 LEON 1.6 07/2005...11/2010 TOLEDO III 1.6 l 10/2004...05/2009	41,965 41,980	45,000 45,016	18,750 19,000	1,499 1,507		0,006 0,053	M810	0,000 0,250 0,500	PL 20895	4	029 PS 20896 000 025 050

77											
Ø 81											
CFFA, CFHD, CGLB, CJCA, CJCC R 4 Diesel, 1968 cm³, 88 - 125 kW (120 - 170 PS), 16 Ventile ALHAMBRA 2.0 TDI 06/2010...05/2011 EXEO 2.0 TDI 12/2008...07/2009 IBIZA V 2.0 TDI 01/2010...	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000

78											
Ø 81											
CFFE, CFGC, CFJA R 4 Diesel, 1968 cm³, 85 - 130 kW (116 - 177 PS), 16 Ventile ALHAMBRA 2.0 TDI 05/2011...11/2012 ALTEA 2.0 TDI 06/2007... LEON 2.0 TDI 05/2006...	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000

79.1											
Ø 81											
EZ R 4 Benzin, 1595 cm³, 55 - 54 kW (75 - 73 PS), 9:1, 8 Ventile TOLEDO I 1.6 l 05/1991...03/1999	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	21,996 22,000	25,000 25,033	25,000	1,70 1,77		0,012 0,022	M100	Semi	BB 18082	4	029 BS 18083 300
	19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	4	029 BS 18131 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	45,958 45,978	49,000 49,012	19,000	1,506		0,010 0,062	M780	0,000 0,250 0,500	PL 10351	4	034 PS 18670 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

79.2

EZ R 4 Benzin, 1595 cm ³ , 55 - 54 kW (75 - 73 PS), 9:1, 8 Ventile TOLEDO I 1.6 l 05/1991...03/1999	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
	BB 18130										
	HL 18066										
	HL 18109										
	PL 18145										
	PL 19903										
PL 10351											

Ø 81

80

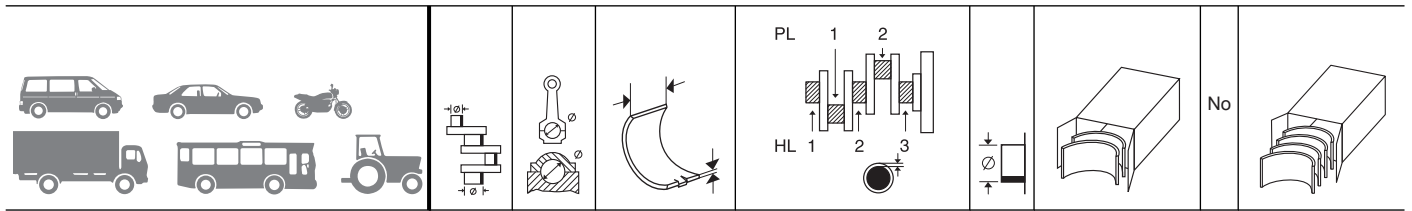
PL R 4 Benzin, 1781 cm ³ , 95 kW (129 PS), 10:1, 4 Ventile TOLEDO I 1.8 l 05/1991...03/1999	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
47,778	50,612				0,052		0,250				025
							0,500				050
							1,000				100
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			
HL 18066											
PL 18145											

Ø 81

81.1

RP R 4 Benzin, 1781 cm ³ , 66 kW (90 PS), 9:1, 8 Ventile TOLEDO I 1.8 l 05/1991...12/1996	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300	
20,000	23,052		1,80		0,021						
53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
53,978	59,019		2,503		0,079		0,250			025	
							0,750			075	
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				
							0,750				

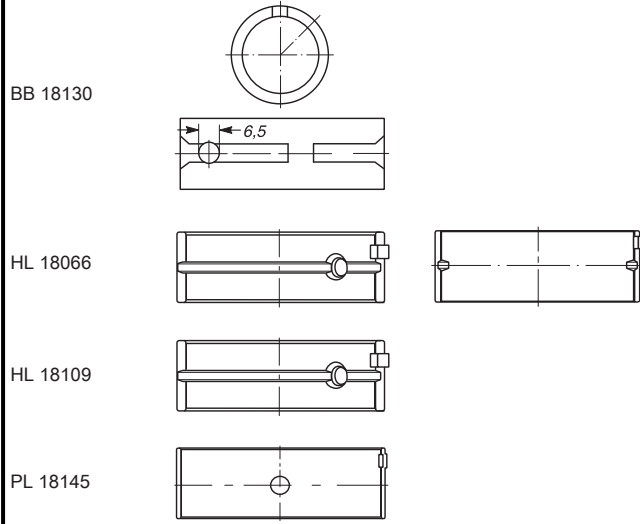
Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

81.2

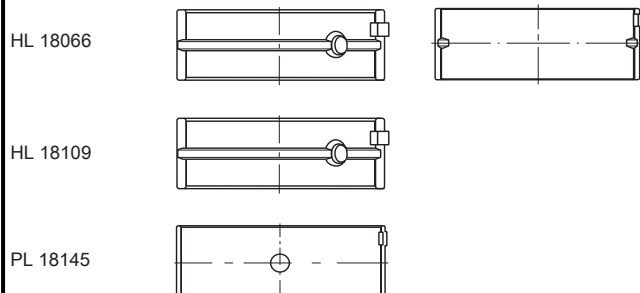
RP R 4 Benzin, 1781 cm³, 66 kW (90 PS), 9:1, 8 Ventile TOLEDO I 1.8 I 05/1991...12/1996	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,778	50,612				0,052		0,250			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		

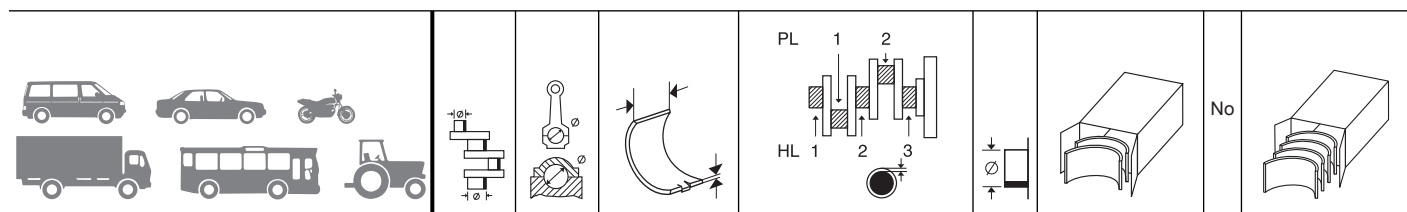


Ø 82,5

82

2E, ABF R 4 Benzin, 1984 cm³, 85 - 110 kW (115 - 150 PS), 10,4:1 - 10,5:1, 8 Ventile CORDOBA I 2.0 I 02/1993...06/1999 IBIZA II 2.0 I 03/1993...08/1999 TOLEDO I 2.0 I 05/1991...03/1999	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	
	59,750	73,200		1,975				1,000			
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,778	50,612				0,052		0,250			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		





Ø 82,5											83
ADY R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,5:1, 8 Ventile ALHAMBRA 2.0 I	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
04/1996...03/2010	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 82,5											84
AGG. ATM R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,5:1, 8 Ventile ALHAMBRA 2.0 I	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
04/1996...03/2010	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
CORDOBA I 2.0 I	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000 025 050
03/1993...08/1999	47,778	50,612	19,000	1,406		0,054		0,250 0,500			
IBIZA II 2.0 I	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1	
05/1991...12/1996	41,975	45,025		3,27		0,066		0,000			

Ø 82,5											85
AZL R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,5:1 CORDOBA II 2.0 I	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
09/2002...11/2009	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
IBIZA IV 2.0	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000 025 050
04/2002...11/2009	47,778	50,612	19,000	1,406		0,054		0,250 0,500			

Ø 82,5											86
BBX R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,5:1 CORDOBA II 2.0 I	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
09/2002...11/2009	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
IBIZA IV 2.0	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000 025 050
04/2002...11/2009	47,778	50,612	19,000	1,406		0,054		0,250 0,500			

Ø 82,5											87
BLR, BLY, BVV, BVZ R 4 Benzin, 1984 cm³, 110 kW (150 PS), 11,5:1, Turbo, LLK, 16 Ventile ALTEA 2.0 FSI	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
05/2004...03/2009	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000 025 050
LEON 2.0 FSI	47,778	50,612	19,000	1,406		0,054		0,250 0,500			
07/2005...05/2010											
TOLEDO III 2.0 FSI											
10/2004...05/2009											

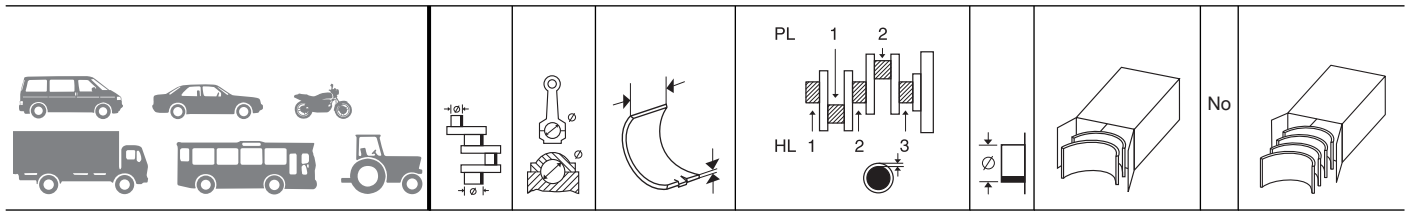
Ø 82,5											88
BWA R 4 Benzin, 1998 cm³, 147 kW (200 PS), 10,5:1, Hub 92.8mm, Turbo, LLK, 16 Ventile ALTEA 2.0 TFSI	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
04/2006...05/2009											
ALTEA XL 2.0 TFSI											
10/2006...05/2009											
LEON 2.0 TFSI											
05/2005...03/2009											
TOLEDO III 2.0 TFSI											
11/2005...02/2006											

Ø 82,5											89
CEKA R 4 Benzin, 1984 cm³, 85 kW (115 PS), 8 Ventile	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050

Ø 83											90
022 A.5000, 138 A5.000 R 4 Diesel, 1714 cm³, 40 - 42 kW (55 - 57 PS), 20:1 IBIZA I 1.7 D	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000
06/1984...05/1993	52,985 53,005	56,717 56,730	24,200 24,250	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18538	1	007 HS 18511 200 210 220
MALAGA 1.7 D											
05/1985...12/1993											
RITMO 1.7 D											
10/1979...09/1983											
RONDA 1.7 D	52,985 53,005	56,717 56,730	20,500 20,750	1,833 1,841		0,030 0,079	M157	0,000 0,254 0,508	HL 18588	4	
06/1982...12/1986											

Ø 84											91.1
124 B3.000 R 4 Benzin, 1585 cm³, 55 kW (75 PS), 8,9:1	59,000 59,250	73,600 73,850		2,31 2,36			M157	0,000	AL 18404	2	007 AS 18498 000

Fortsetzung nächste Seite / Continued on next page



Ø 84 - Fortsetzung / Continued

91.2

131 C4.000 R 4 Benzin, 1995 cm³, 83 - 85 kW (113 - 116 PS), 9:1, 8 Ventile 131 2.0 06/1978...12/1985	52,985	56,717	24,200	1,833			0,030	M157	0,000	HL 18538	1	007 HS 18511 200 210 220
	53,005	56,730	24,250	1,841			0,079		0,254			
132 B1.000 R 4 Benzin, 1756 cm³, 77 - 82 kW (105 - 112 PS), 8,9:1, 8 Ventile	52,985	56,717	20,500	1,833			0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841			0,079		0,254			

Ø 87

92

OM 615.912 R 4 Diesel, 2197 cm³, 44 kW (60 PS), 21:1, 8 Ventile	26,000	29,000	31,800					M114	Semi	BB 18745	4	001 BS 18751 300	
	69,955	74,500	33,820	2,255	3.		0,025	M157	0,000	FL 10209	1		001 HS 10618 000 025 050 100
	69,965	74,519	33,880				0,079		0,250				
	69,955	74,500	27,000	2,255	1.2.4.5.		0,024	M157	0,000	HL 10117	4		
69,965	74,519					0,079		0,250					
51,955	55,600	26,000	1,805				0,024	M157	0,000	PL 10244	4	001 PS 10578 000 025 050 075	
51,965	55,619					0,079		0,250					

FL 10209

PL 10244

Ø 93

93

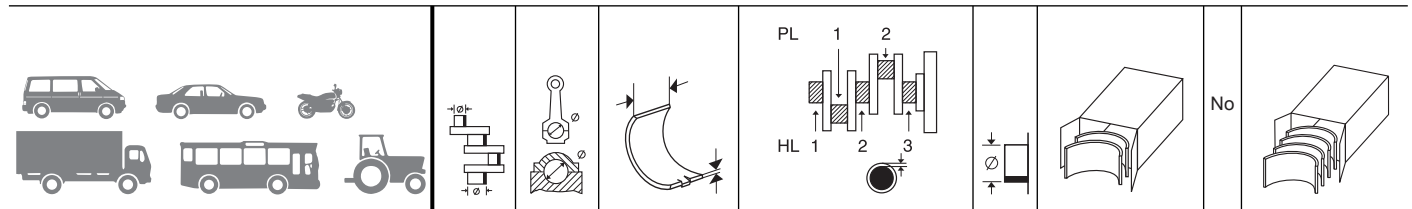
8144.61 R 4 Diesel, 2445 cm³, 53 - 55 kW (72 - 75 PS), 22:1 131 2.4 D 06/1978...12/1986	31,990	34,895	30,200	1,70				M5	Semi	BB 20393	4	007 BS 20394 300 <small>403) 344183</small>	
	31,996	34,920	30,700	1,75									
	76,187	80,587	31,880	2,159	5.		0,043	M900	0,000	FL 20378	1		007 HS 20379 200 210 220
	76,200	80,607	31,950	2,172			0,094		0,254				
	76,187	80,587	24,600	2,163	1.2.3.4.		0,043	M900	0,000	HL 20377	4		
76,200	80,607	25,000	2,172			0,094		0,254					
56,520	60,333	24,450	1,889				0,028	M900	0,000	PL 20223	4	007 PS 20224 200 210 220 <small>...12/1982</small>	
56,535	60,345	24,700	1,899			0,075		0,254					
56,520	60,333	24,450	1,861				0,028	M900	0,000	PL 20349	4	007 PS 20350 200 210 <small>01/1983...</small>	
56,535	60,345	24,700	1,871			0,075		0,254					

PL 20223

Ø 94

94


GE B 4 Benzin, 1970 cm³, 51 kW (70 PS), 7,3:1, 8 Ventile	24,987	27,500	22,900	1,235			0,010	M11	0,000	NB 18181	2	029 NS 18184 000
	25,000	27,521	22,900	1,245			0,064					
	24,987	27,500	28,000	1,235			0,010	M11	0,000	NB 18182	1	
	25,000	27,521	28,000	1,245			0,064					
24,987	27,500	24,900	1,235			0,010	M11	0,000	NB 18183	3		
25,000	27,521	24,900	1,245			0,064						
49,983	52,800	20,000	1,38				0,020	M780	0,000	PL 18141	4	029 PS 18142 000 025 050
49,996	52,813	20,000	1,392			0,070		0,250				



SKODA

Ø 67,1

1

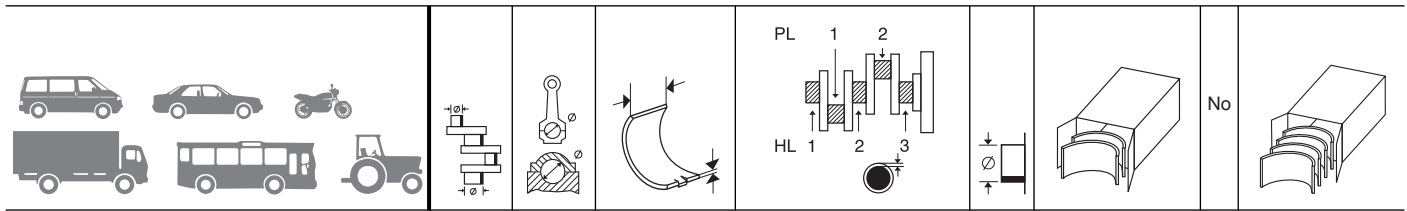
AQV, ARV, ATY R 4 Benzin, 996 cm³, 37 kW (50 PS), 10,1:1, 8 Ventile FABIA 1.0 12/1999...08/2002	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
HL 18109 											

Ø 76,5

2.1

AEE R 4 Benzin, 1598 cm³, 55 kW (75 PS), 9,8:1, 8 Ventile FELICIA 1.6 OCTAVIA 1.6 08/1995...04/2002 09/1996...09/2004	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	21,996 22,000	25,000 25,033	25,000	1,70 1,77		0,012 0,022	M100	Semi	BB 18082	4	029 BS 18083 300
	19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	4	029 BS 18131 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

2.2

AEE R 4 Benzin, 1598 cm³, 55 kW (75 PS), 9,8:1, 8 Ventile FELICIA 1.6 OCTAVIA 1.6 08/1995...04/2002 09/1996...09/2004	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
BB 18130 HL 18066 HL 18109 PL 18145											

Ø 76,5

3

AUA, AUB, BBY, BBZ, BCA, BKY R 4 Benzin, 1390 cm³, 55 - 74 kW (75 - 100 PS), 10,5:1, 16 Ventile FABIA 1.4 OCTAVIA 1.4 10/1999...03/2008 08/2000...12/2010	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97								
	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000	
	53,978	59,019	18,500	2,507		0,056		0,250			025	
HL 21051 PL 20036 029 PS 20037 000 025 050	47,763	50,600	17,000	1,40		0,010	M920	0,000		4	029 PS 20037 000	
	47,778	50,612	17,200	1,406		0,049		0,250			025	
									0,500			050
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000				

Ø 76,5

4

AXP R 4 Benzin, 1390 cm³, 55 kW (75 PS), 10,5:1, 16 Ventile OCTAVIA 1.4 08/2000...12/2010	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
	53,978	59,019	18,500	2,507		0,056		0,250			025
HL 21051 PL 20036 029 PS 20037 000 025 050	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		

Ø 76,5

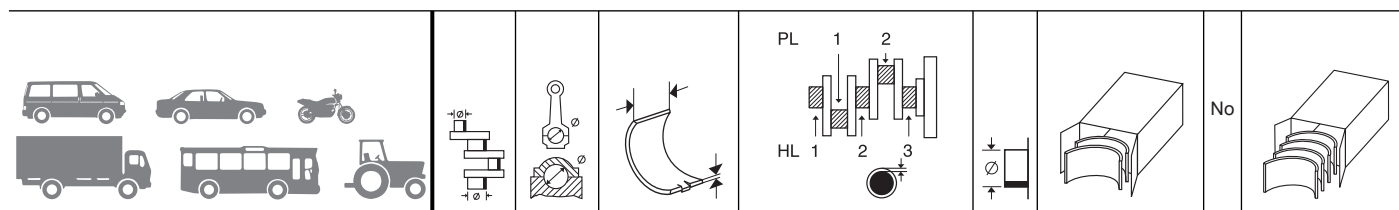
5

BLF, BTS R 4 Benzin, 1598 cm³, 77 kW (105 PS), 10,5:1, 4 Ventile FABIA 1.6 OCTAVIA 1.6 FSI ROOMSTER 1.6 04/2007... 02/2004...10/2008 09/2006...	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000	
	53,978	59,019	18,500	2,507		0,056		0,250			025	
BUD, BXW, CAXC R 4 Benzin, 1390 cm³, 59 - 92 kW (80 - 125 PS), 10:1 - 10,5:1, 4 Ventile FABIA 1.4 OCTAVIA 1.4 ROOMSTER 1.4 SUPERB II 1.4 TSI 04/2006...12/2007 06/2004...05/2006 09/2006...03/2007 07/2008...	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000	
	47,778	50,612	17,200	1,406		0,049		0,250			025	
									0,500			050

Ø 76,5

6

CAVE R 4 Benzin, 1390 cm³, 132 kW (180 PS), 10:1, 16 Ventile FABIA 1.4 TSI 05/2010...	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
	47,778	50,612	17,200	1,406		0,049		0,250			025
								0,500			050



Ø 76,5

7

CAXA R 4 Benzin, 1390 cm³, 90 kW (122 PS), 10:1, 4 Ventile OCTAVIA 1.4 TSI 11/2008... RAPID 1.4 TSI 10/2012... YETI 1.4 TSI 06/2010...	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
	53,978	59,019	18,500	2,507		0,056		0,250			025
								0,500			050
	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
	47,778	50,612	17,200	1,406		0,049		0,250			025
								0,500			050

Ø 76,5

8

CFNA R 4 Benzin, 1598 cm³, 77 kW (105 PS), 10,5:1, 16 Ventile FABIA 1.6 04/2007... RAPID 1.6 07/2012... ROOMSTER 1.6 09/2006...	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
	47,778	50,612	17,200	1,406		0,049		0,250			025
								0,500			050
CGGA R 4 Benzin, 1390 cm³, 59 kW (80 PS), 10,5:1, 16 Ventile OCTAVIA 1.4 06/2004...05/2006											

Ø 76,5

9

CGGB R 4 Benzin, 1390 cm³, 63 kW (85 PS), 16 Ventile FABIA 1.4 01/2007... ROOMSTER 1.4 09/2006...03/2007	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
	47,778	50,612	17,200	1,406		0,049		0,250			025
								0,500			050

Ø 76,5

10

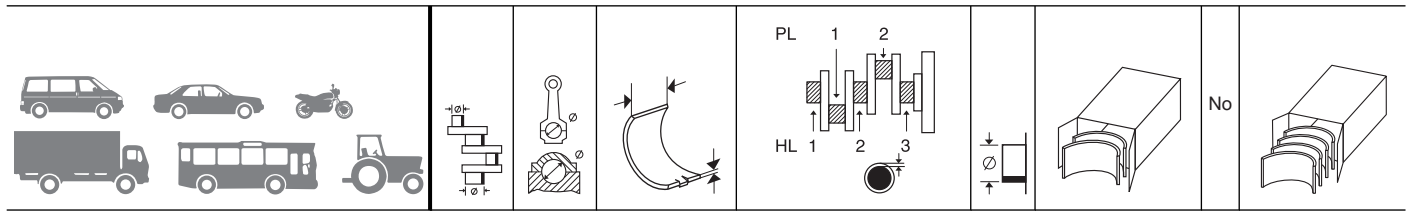
CTHE R 4 Benzin, 1390 cm³, 132 kW (180 PS), 10:1, 16 Ventile FABIA 1.4 TSI 05/2010...	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							

Ø 79,5

11.1

AEF R 4 Diesel, 1896 cm³, 47 kW (64 PS), 22,5:1, 8 Ventile FELICIA 1.9 D 10/1995...04/2002	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000
	53,978	59,019		2,503		0,079		0,250			025
								1,000			100
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
53,978	59,019		2,503		0,079		0,250			025	
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000	
47,778	50,619	19,000	1,406		0,073		0,250			025	
							0,500			050	
							0,750			075	
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
47,778	50,619	19,000	1,406		0,067		0,250			025	
							0,500			050	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi	300			

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

11.2

AEF
R 4 Diesel, 1896 cm³, 47 kW (64 PS), 22,5:1,
8 Ventile
FELICIA 1.9 D 10/1995...04/2002

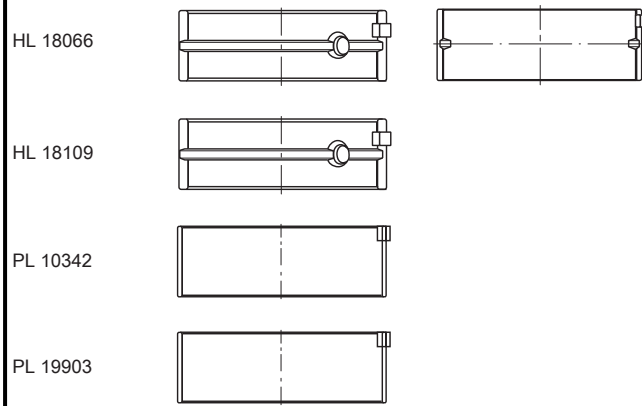
41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1
HL 18109									
HL 18066									
PL 10342									
PL 19903									

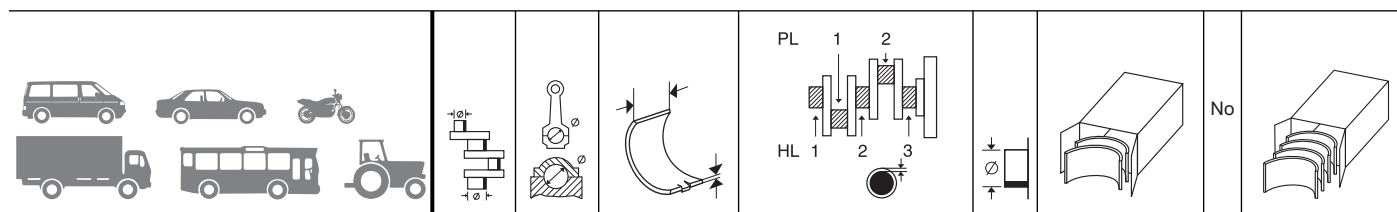
Ø 79,5

12

AEY
R 4 Diesel, 1896 cm³, 47 kW (64 PS), 19,5:1,
8 Ventile

59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500 0,750	PL 10342	4	029 PS 10722 000 025 050 075
47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	





Ø 79,5

13

AGP, ALH R 4 Diesel, 1896 cm³, 50 - 66 kW (68 - 90 PS), 19,5:1, 8 Ventile OCTAVIA 1.9 SDI 06/1997...12/2003 OCTAVIA 1.9 TDI 09/1996...03/2010	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052									
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
	53,978	59,019		2,503		0,079		0,250			025
								0,750			075
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				
							0,750				
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
53,978	59,019		2,503		0,079		0,250			025	
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000	
47,778	50,619	19,000	1,406		0,073		0,250			025	
							0,500			050	
							0,750			075	
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
47,778	50,619	19,000	1,406		0,067		0,250			025	
							0,500			050	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi	300			
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			

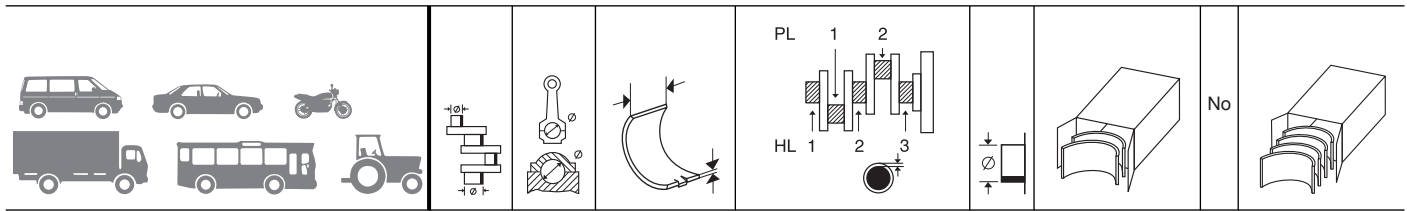
HL 18066		
HL 18109		
PL 10342		
PL 19903		

Ø 79,5

14.1

AGR R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile OCTAVIA 1.9 TDI 09/1996...03/2010	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052									
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
	53,978	59,019		2,503		0,079		0,250			025
								0,750			075
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
							0,750				
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
53,978	59,019		2,503		0,079		0,250			025	
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000	
47,778	50,619	19,000	1,406		0,073		0,250			025	
							0,500			050	
							0,750			075	
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
47,778	50,619	19,000	1,406		0,067		0,250			025	
							0,500			050	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi	300			

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

14.2

AGR R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile OCTAVIA 1.9 TDI 09/1996...03/2010	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1
	41,975	45,025		3,27		0,066		0,000		
HL 18066										
HL 18109										
PL 10342										
PL 19903										

Ø 79,5

15

AHF, ASV, ATD R 4 Diesel, 1896 cm³, 74 - 81 kW (101 - 110 PS), 19:1 - 19,5:1, Turbo, LLK, 8 Ventile FABIA 1.9 TDI 01/2000...03/2008 OCTAVIA 1.9 TDI 08/1997...12/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052	29,052									
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025
53,978	59,019		2,503		0,079		0,250				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1		
41,975	45,025		3,27		0,066		0,000				

Ø 79,5

16

AMF, BMS, BNM, BNV R 3 Diesel, 1422 cm³, 51 - 59 kW (69 - 80 PS), 19,5:1, 6 Ventile FABIA 1.4 TDI 04/2003...03/2008 ROOMSTER 1.4 TDI 07/2006...03/2010	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	53,958	59,000	18,500	2,491	1.-4.	0,016	M100	0,000	HL 18066	4	029 HS 20869 000 025 050
53,978	59,019		2,503		0,079		0,250				
								0,500			

Ø 79,5

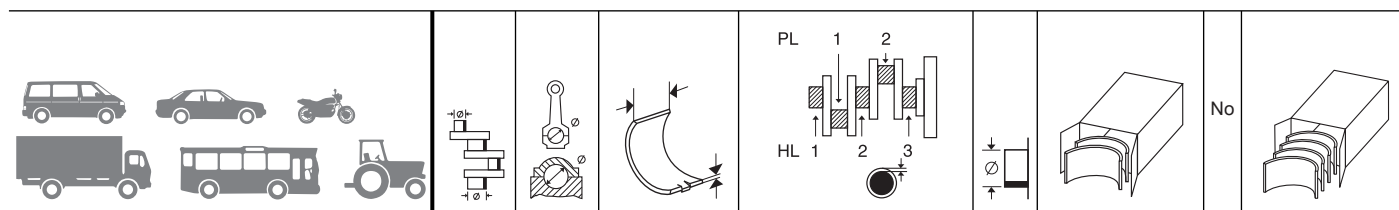
17

AQM R 4 Diesel, 1896 cm³, 50 kW (68 PS), 19,5:1, 8 Ventile OCTAVIA 1.9 SDI 06/1997...12/2003	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052	29,052									
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025
53,978	59,019		2,503		0,079		0,250				
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050	
47,778	50,619	19,000	1,406		0,067		0,250				
								0,500			
HL 18066											
PL 19903											

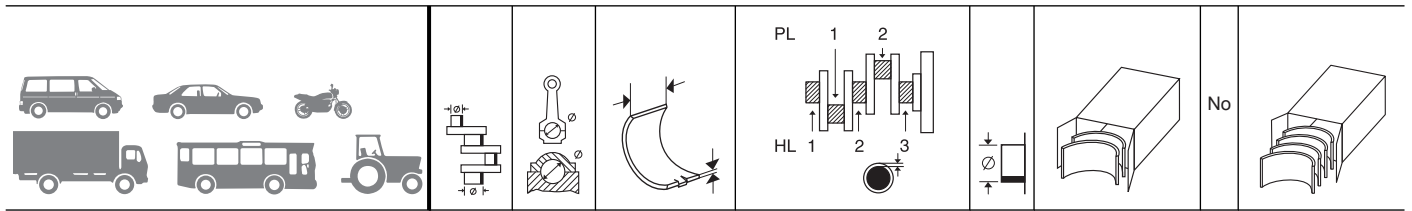
Ø 79,5

18

ASY, BSW R 4 Diesel, 1896 cm³, 47 - 77 kW (64 - 105 PS), 18,5:1, 8 Ventile FABIA 1.9 SDI 11/1999...03/2008 FABIA 1.9 TDI 04/2007...10/2007 ROOMSTER 1.9 TDI 09/2006...03/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025
	53,978	59,019		2,503		0,079		0,250			



Ø 79,5											19
ASZ, BLT R 4 Diesel, 1896 cm³, 96 kW (130 - 131 PS), 18,5:1 - 19:1, Turbo, LLK, 8 Ventile FABIA 1.9 TDI RS 06/2003...03/2008 OCTAVIA 1.9 TDI 09/2002...09/2004	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
		29,052									
53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
53,978	59,012	18,500	2,501		0,064						
50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000 025	
50,878	53,712	20,400	1,403		0,064		0,250				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			
Ø 79,5											20
AVB R 4 Diesel, 1896 cm³, 74 kW (101 PS), 19:1, Turbo, LLK, 8 Ventile SUPERB I 1.9 TDI 08/2002...10/2005	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052										
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025	
53,978	59,019		2,503		0,079		0,250				
Ø 79,5											21
AVF, AWX R 4 Diesel, 1896 cm³, 96 kW (131 PS), Turbo, 8 Ventile SUPERB I 1.9 TDI 02/2002...03/2008	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
								1,000			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300	
	29,052										
53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
53,978	59,012	18,500	2,501		0,064						
50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000 025	
50,878	53,712	20,400	1,403		0,064		0,250				
Ø 79,5											22
AXR R 4 Diesel, 1896 cm³, 74 kW (100 PS), 19:1, 8 Ventile FABIA 1.9 TDI 01/2000...03/2008 OCTAVIA 1.9 TDI 08/2000...12/2010 ROOMSTER 1.9 TDI 03/2006...05/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
53,978	59,012	18,500	2,501		0,064						
BJB, BKC R 4 Diesel, 1889 cm³, 77 kW (105 PS), 19:1, 8 Ventile OCTAVIA 1.9 TDI 06/2004...12/2010											
Ø 79,5											23
BLS, BPZ, BSV, BXE R 4 Diesel, 1896 cm³, 77 - 85 kW (105 - 115 PS), 19:1, Turbo, LLK FABIA 1.9 TDI 04/2007...10/2007 OCTAVIA 1.9 TDI 06/2004...12/2010 ROOMSTER 1.9 TDI 09/2006...03/2010 SUPERB I 1.9 TDI 10/2005...03/2008 SUPERB II 1.9 TDI 03/2008...11/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
CAYA, CAYB, CAYC, CLNA R 4 Diesel, 1598 cm³, 55 - 77 kW (75 - 105 PS), 16,5:1, 16 Ventile FABIA 1.6 TDI 03/2010...04/2010 OCTAVIA 1.6 TDI 06/2009... RAPID 1.6 TDI 07/2012...10/2013 ROOMSTER 1.6 TDI 03/2010... SUPERB II 1.6 TDI 09/2010... YETI 1.6 TDI 11/2010...											
Ø 79,5											24
CFWA R 3 Diesel, 1199 cm³, 55 kW (75 PS), 16,5:1, 12 Ventile FABIA 1.2 TDI 05/2010... ROOMSTER 1.2 TDI 03/2010...	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					



Ø 81

25

ADR R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 20 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

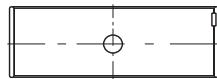
HL 18066



HL 18109



PL 18145



Ø 81

26

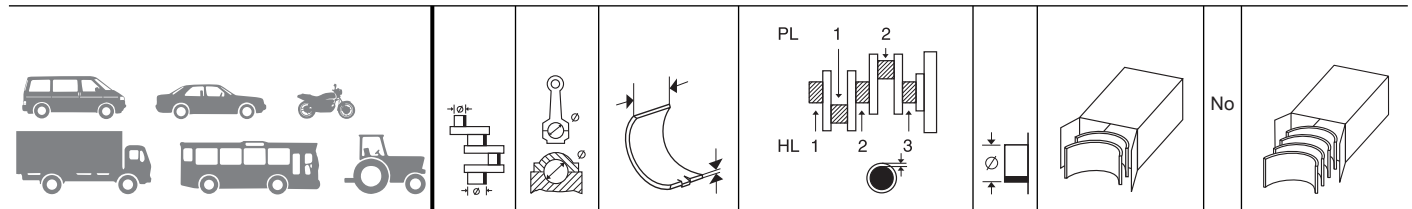
AEH R 4 Benzin, 1595 cm ³ , 74 kW (101 PS), 10,3:1, 8 Ventile OCTAVIA 1.6 02/1997...12/2007	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
	53,963 53,983	59,000 59,010	18,300 18,500	2,50 2,508		0,001 0,047	M916	0,000 0,250 0,500	HL 20559	5	029 HS 20560 000 025 050
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050

Ø 81

27.1

AGN R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 20 Ventile OCTAVIA 1.8 09/1996...07/2000	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	

Fortsetzung nächste Seite / Continued on next page

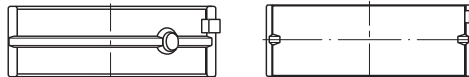


Ø 81 - Fortsetzung / Continued

27.2

AGN R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 20 Ventile OCTAVIA 1.8 09/1996...07/2000	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	53,963 53,983	59,000 59,010	18,300 18,500	2,50 2,508		0,001 0,047	M916	0,000 0,250 0,500	HL 20559	5	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

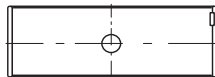
HL 18066



HL 18109



PL 18145

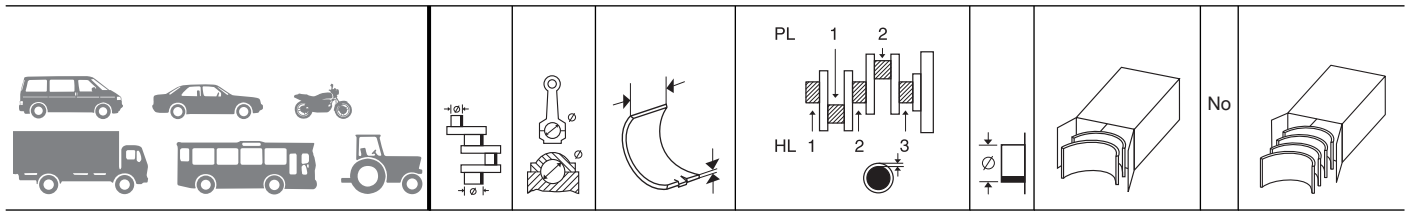


Ø 81

28.1



AGU, Euro 2 R 4 Benzin, 1781 cm ³ , 110 kW (150 PS), 9,5:1, Turbo, LLK, 5 Ventile OCTAVIA 1.8 T 08/1997...12/2010	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	53,963 53,983	59,000 59,010	18,300 18,500	2,50 2,508		0,001 0,047	M916	0,000 0,250 0,500	HL 20559	5	
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

28.2

AGU, Euro 2 R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, Turbo, LLK, 5 Ventile OCTAVIA 1.8 T 08/1997...12/2010	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1
	41,975	45,025		3,27		0,066		0,000		
HL 18066 HL 18109										

Ø 81

29

AKL R 4 Benzin, 1595 cm³, 74 kW (100 PS), 10,3:1, 8 Ventile OCTAVIA 1.6 02/1997...12/2007	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	
53,978	59,019		2,503		0,079		0,250				
47,758 47,778	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000 025 050	
	50,612	19,000	1,406		0,054		0,250				

Ø 81

30

ARX, AUM R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, Turbo, LLK, 20 Ventile OCTAVIA 1.8 T 08/1997...12/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	
53,978	59,019		2,503		0,079		0,250				
47,758 47,778	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000 025 050	
	50,612	19,000	1,406		0,054		0,250				

Ø 81

31

ARZ R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, Turbo, LLK, 5 Ventile OCTAVIA 1.8 T 08/1997...12/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	
53,978	59,019		2,503		0,079		0,250				

Ø 81

32

AUQ, AWT R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, Turbo, LLK, 20 Ventile OCTAVIA RS 1.8 T SUPERB I 1.8 T 05/2001...01/2006 02/2002...03/2008	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	
47,778	50,612	19,000	1,406		0,054		0,250				

Ø 81

33

AVU, BFQ, BGU R 4 Benzin, 1598 cm³, 75 kW (102 PS), 10,2:1 - 10,3:1, 8 Ventile OCTAVIA 1.6 09/2000...12/2010	53,500	65,550		2,425			M916	0,000	AL 20865	4	029 AS 20866 000
	53,750	65,800		2,475							
	47,958	53,000	18,250	2,50		0,010	M916	0,000	HL 20863	5	
47,978	53,010	18,500	2,506		0,052		0,250				
BSE, BSF R 4 Benzin, 1595 cm³, 75 kW (102 PS), 8 Ventile OCTAVIA 1.6 06/2004...09/2004	41,965	45,000	18,750	1,499		0,006	M810	0,000	PL 20895	4	029 PS 20896 000 025 050
	41,980	45,016	19,000	1,507		0,053		0,250			

Ø 81

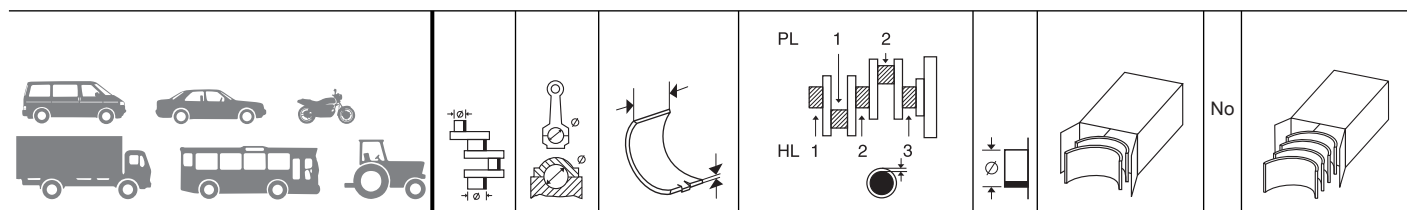
34

AZV, BKD, BMM, BMN, BMP, CBBB, CBDB, CEGA, CFFB, CFGB, CFHC, CLJA R 4 Diesel, 1968 cm³, 100 - 125 kW (136 - 170 PS), 16 Ventile OCTAVIA 2.0 TDI OCTAVIA 2.0 TDI RS SUPERB II 2.0 TDI YETI 2.0 TDI 02/2004...05/2010 04/2006... 03/2008...11/2010 05/2009...11/2011	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97							
	59,000	72,950		1,925			M157	0,000	AL 20557	4	
59,750	73,200		1,975								
53,958 53,978	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
	59,012	18,500	2,501		0,064						
50,858 50,878	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000 025	
	53,712	20,400	1,403		0,064		0,250				

Ø 81

35

BSS R 4 Diesel, 1968 cm³, 103 kW (140 PS), 18,5:1, Turbo, LLK, 4 Ventile SUPERB I 2.0 TDI 10/2005...03/2008	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	
53,978	59,012	18,500	2,501		0,064						
41,959 41,975	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1		
	45,025		3,27		0,066		0,000				



Ø 81 36

BWW R 4 Diesel, 1998 cm³, 91 kW (124 PS), 18,5:1, Hub 95,5mm, Turbo, LLK, 8 Ventile	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
CLCB R 4 Diesel, 1968 cm³, 103 kW (140 PS), 16,5:1, 16 Ventile OCTAVIA 2.0 TDI 02/2004... YETI 2.0 TDI 05/2009...	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					

Ø 81 37

CCSA, CMXA R 4 Benzin, 1595 cm³, 75 kW (102 PS), 10,5:1 OCTAVIA 1.6 06/2004...09/2004 OCTAVIA 1.6 MULTIFUEL 01/2008...	41,965	45,000	18,750	1,499				0,006	M810	0,000	PL 20895	4	029 PS 20896 000
	41,980	45,016	19,000	1,507				0,053		0,250			025
											0,500		

Ø 81 38

CFHA, CFHF, CFJA R 4 Diesel, 1968 cm³, 81 - 125 kW (110 - 170 PS), 16,5:1, 16 Ventile OCTAVIA 2.0 TDI 03/2010...05/2011 YETI 2.0 TDI 11/2009...	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							

Ø 81 39

CLCA R 4 Diesel, 1968 cm³, 81 kW (110 PS), 16 Ventile OCTAVIA 2.0 TDI 03/2010... YETI 2.0 TDI 11/2009...	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025

Ø 82,5 40

AEG, APK, AQY, AZJ R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,5:1 FABIA 2.0 12/1999...03/2008 OCTAVIA 2.0 04/1999...05/2007	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025

Ø 82,5 41

AZH, AZL R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,5:1 FABIA 2.0 12/1999...03/2008 OCTAVIA 2.0 04/1999...05/2007	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050

Ø 82,5 42

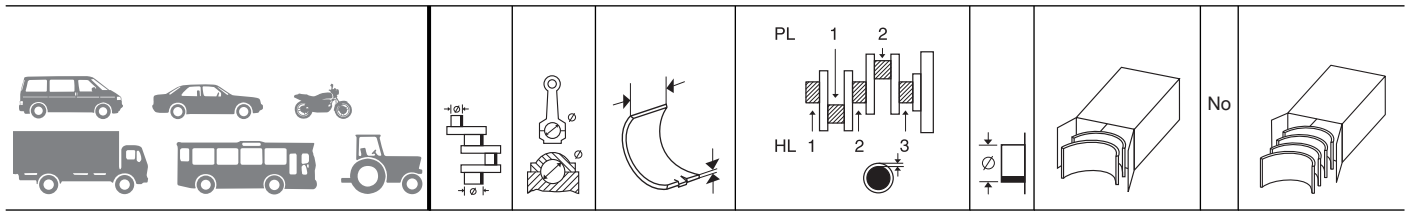
AZM R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,5:1 SUPERB I 2.0 02/2002...03/2008	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							

Ø 82,5 43

BLR, BLX, BLY, BVX, BLY, BVZ R 4 Benzin, 1984 cm³, 110 kW (150 PS), 11,5:1, Turbo, LLK, 16 Ventile OCTAVIA 2.0 FSI 11/2004...	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050

Ø 82,5 44

BWA R 4 Benzin, 1998 cm³, 147 kW (200 PS), 10,5:1, Hub 92,8mm, Turbo, 16 Ventile OCTAVIA 2.0 RS 10/2005...	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							



SMART

Ø 63,5 1

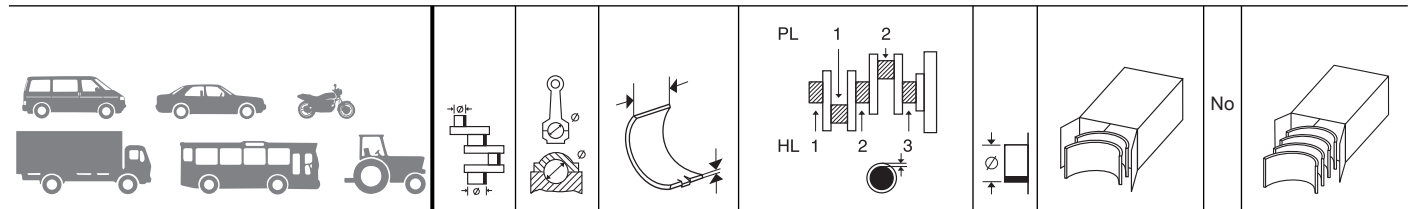
M 160.920, M 160 E6AL B04, M 160 E6AL B05 R 3 Benzin, 599 cm³, 33 - 55 kW (45 - 75 PS), 9,5:1, 6 Ventile CABRIO 0.6 CITY-COUPÉ 0.6	52,500	68,250		3,15			M157	0,000	AL 20840	2	222 AS 20841 000
	52,750	68,500		3,20							
	44,950	51,000	15,750	3,022			M157	0,000	HL 20836	4	222 HS 20837 000
	44,965	51,019	16,000	3,03				0,250			025
	03/2000...01/2004										
	07/1998...03/2007										
	37,940	41,600	16,750	1,803		0,009	M114	0,000	PL 20838	3	222 PS 20839 000
	37,965	41,616	17,000	1,813		0,070		0,250			025
HL 20836											
PL 20838											

Ø 65,5 2

OM 660.940, .950, OM 660 DE 8LA R 3 Diesel, 799 cm³, 30 - 33 kW (41 - 45 PS), 6 Ventile CABRIO 0.8 CDI FORTWO 0.8 CDI	52,500	68,250		3,15			M157	0,000	AL 20840	2	222 AS 20841 000
	52,750	68,500		3,20							
	11/1999...01/2004										
	01/2004...01/2007										

Ø 66,5 3

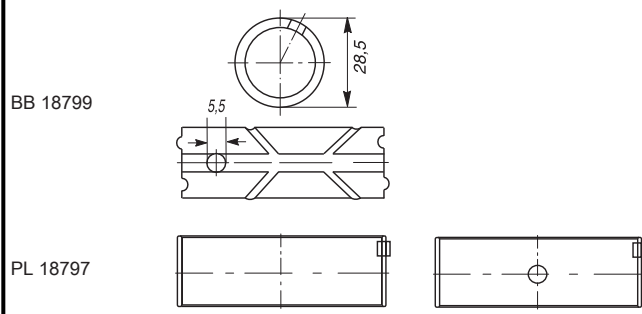
M 160.910, .921 - 922 R 3 Benzin, 698 cm³, 33 - 55 kW (45 - 75 PS), Hub 67mm, 6 Ventile CITY-COUPÉ 0.7 FORTWO 0.7 ROADSTER 0.7	52,500	68,250		3,15			M157	0,000	AL 20840	2	222 AS 20841 000
	52,750	68,500		3,20							
	44,950	51,000	15,750	3,022			M157	0,000	HL 20836	4	222 HS 20837 000
	44,965	51,019	16,000	3,03				0,250			025
	01/2003...01/2004										
	01/2004...01/2007										
	04/2003...11/2005										
	37,940	41,600	16,750	1,803		0,009	M114	0,000	PL 20838	3	222 PS 20839 000
	37,965	41,616	17,000	1,813		0,070		0,250			025
HL 20836											
PL 20838											



SSANGYONG

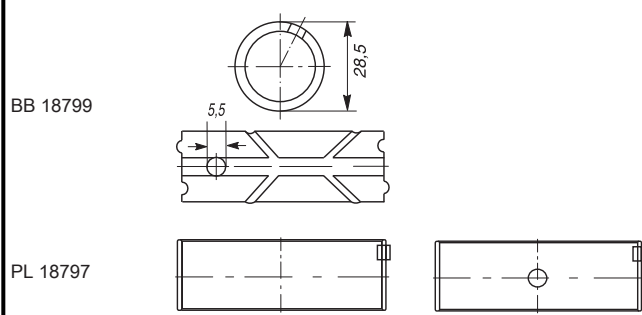
Ø 1

MB-OM 661 4 Diesel, 2299 cm³, 59 kW (80 PS), 8 Ventile MUSSO 2.3 D 10/1995...01/1999	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	4	001 BS 19226 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250	PL 18797	4	001 PS 18813 000 025



Ø 89 2

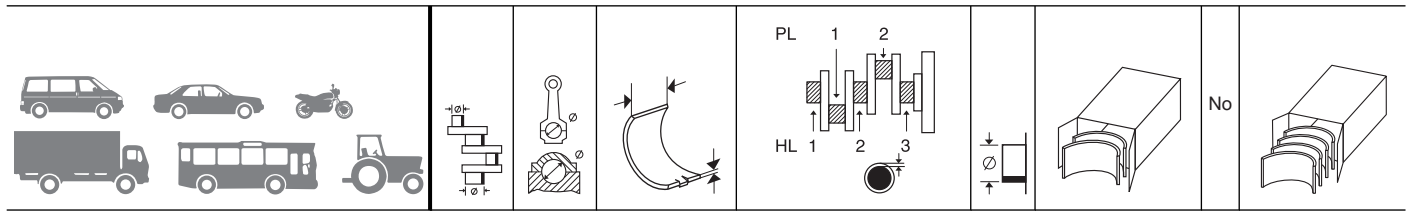
OM 601.940 R 4 Diesel, 2299 cm³, 57 - 59 kW (77 - 80 PS), 22:1, 8 Ventile KORANDO 2.3 D 12/1996...01/1999 MUSSO 2.3 D 10/1995...01/1999	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	4	001 BS 19226 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250	PL 18797	4	001 PS 18813 000 025



Ø 89 3.1

OM 602.940 R 5 Diesel, 2874 cm³, 70 kW (95 PS), 21:1, 10 Ventile	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	5	001 BS 18800 300

Fortsetzung nächste Seite / Continued on next page

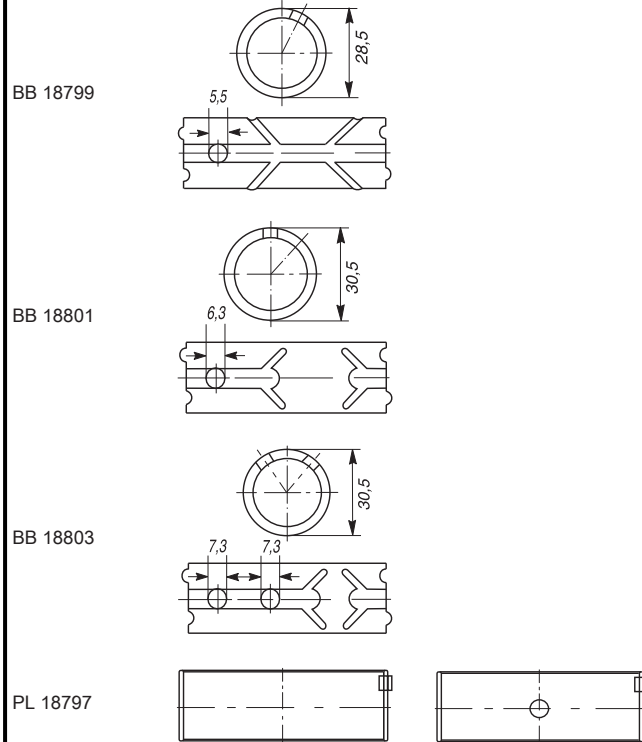


Ø 89 - Fortsetzung / Continued

3.2

OM 602.940
R 5 Diesel, 2874 cm³, 70 kW (95 PS), 21:1,
10 Ventile

28,000	30,500 30,525	21,900				M114	Semi	BB 18801	5	001 BS 18802 300
	30,500 30,521	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100
47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250 0,500	PL 18797	5	001 PS 18798 000 025 050



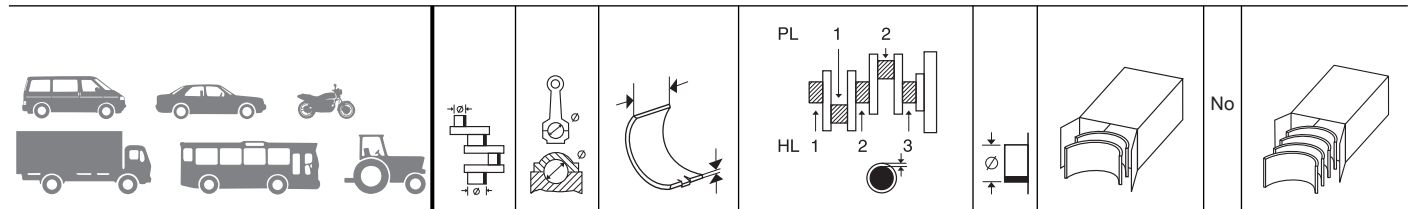
Ø 89

4.1

OM 602.980
R 5 Diesel, 2874 cm³, 75 - 90 kW (102 - 122 PS),
19,5:1, 10 Ventile

65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	5	001 BS 18800 300
28,000	30,500 30,525	21,900				M114	Semi	BB 18801	5	001 BS 18802 300
	30,500 30,521	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100

Fortsetzung nächste Seite / Continued on next page

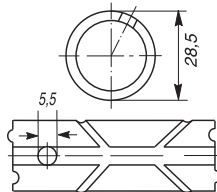


Ø 89 - Fortsetzung / Continued

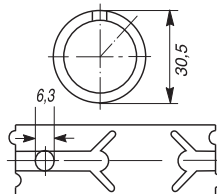
4.2

OM 602.980 R 5 Diesel, 2874 cm³, 75 - 90 kW (102 - 122 PS), 19,5:1, 10 Ventile	47,950	51,600	21,500	1,803		0,016	M330	0,000	PL 18204	5	001 PS 18203 000 025 050
	47,965	51,619	21,700	1,809		0,066		0,250			
	47,950	51,600	21,500	1,803		0,016	M215	0,000	PL 18557	5	
	47,965	51,619	21,700	1,809		0,066		0,250			

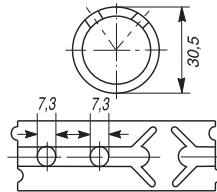
BB 18799



BB 18801



BB 18803



Ø 89,9

5

M 104.942, .945 R 6 Benzin, 2799 cm³, 142 - 145 kW (193 - 197 PS), 10:1	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000 010 020
								0,100			
M 104.992, .995 R 6 Benzin, 3199 cm³, 154 - 156 kW (209 - 212 PS), 9,2:1, 24 Ventile KORANDO 3.2 MUSSO 3.2	65,800	81,000		2,20			M157	0,000	AL 18749	2	001 HS 10706 000 025 050
								0,100			
12/1996...01/1999 06/1996...01/1999	57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 PS 18833 000 025
	57,965	62,519	17,500	2,261		0,063		0,250			
	47,950	51,600	21,800	1,815		0,020	M114	0,000	PL 18045	6	
	47,965	51,619				0,064		0,250			

Ø 90,9

6

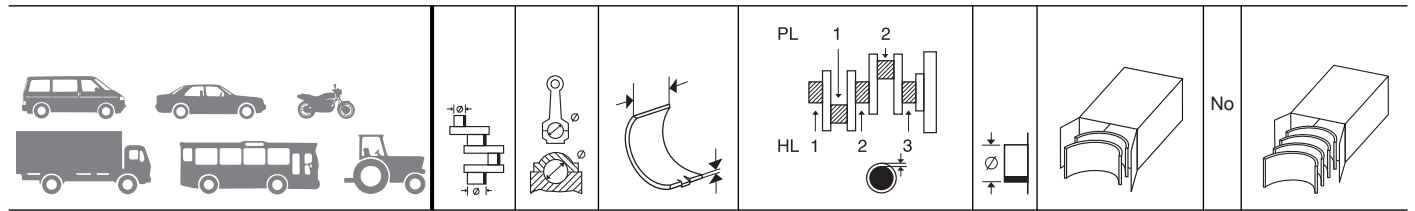
M 111.970, .974 R 4 Benzin, 2295 cm³, 103 - 110 kW (140 - 150 PS), 10,4:1, 16 Ventile KORANDO 2.3 MUSSO 2.3	65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000 010 020
								0,100			
05/1997... 10/1996...01/1999	65,800	81,000		2,20			M157	0,000	AL 18749	2	001 BS 18782 300
								0,100			
	21,995	24,500	21,900	1,38			M114	Semi	BB 18752	4	001 HS 10704 000 025 050 075
	22,000	24,521		1,43							
	57,950	62,500	17,250	2,253	1.2.3.4.5.	0,013	M157	0,000	HL 10306	5	001 HS 10704 000 025 050 075
	57,965	62,519	17,500	2,261		0,063		0,250			

Ø 94

7.1

XD3P R 4 Diesel, 2497 cm³, 53 - 58 kW (72 - 79 PS), 23:1, 8 Ventile	67,000	84,750		2,30			M250	0,000	AL 18015	4	039 AS 18014 000
	67,250	85,000		2,35							
	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	039 HS 10075 000 050
	60,021	63,750	30,000	1,835		0,098		0,500			
	59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2	
	60,021	63,750	24,000	1,835		0,098		0,500			

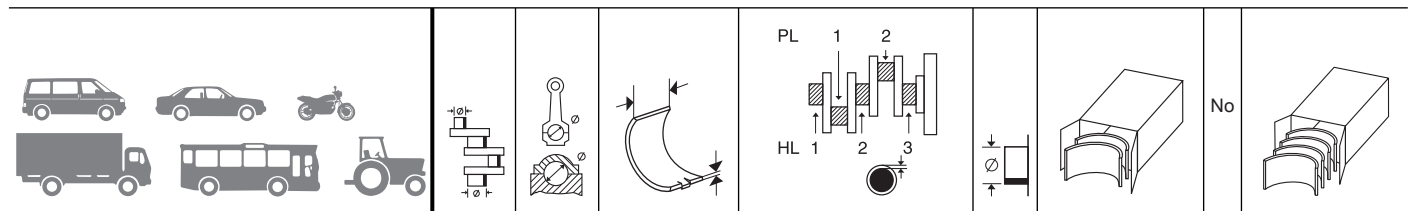
Fortsetzung nächste Seite / Continued on next page



Ø 94 - Fortsetzung / Continued

7.2

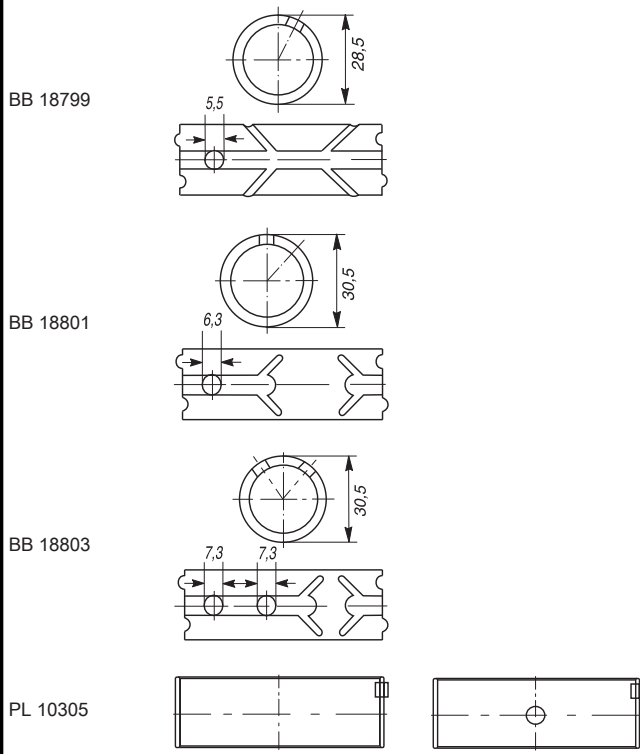
XD3P R 4 Diesel, 2497 cm ³ , 53 - 58 kW (72 - 79 PS), 23:1, 8 Ventile	54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000 030 050 080 100
	55,021	58,750	29,000	1,845		0,092		0,300			
								0,500			
								0,800			
								1,000			



STEYR-DAIMLER-PUCH

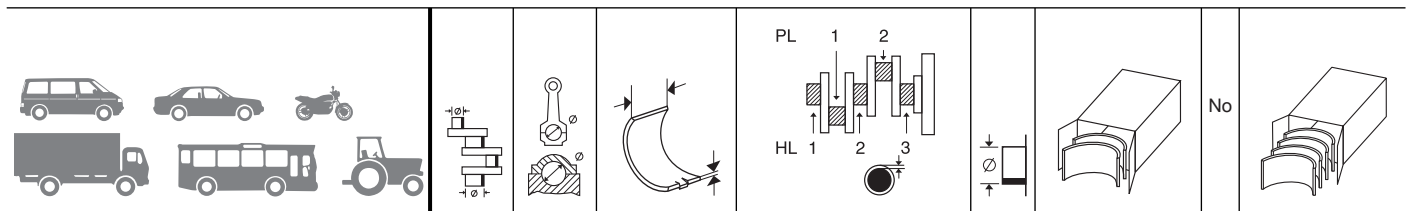
Ø 87 1

OM 602.930 R 5 Diesel, 2497 cm³, 62 - 69 kW (84 - 94 PS), 22:1, 10 Ventile 250 GD 10/1987...12/1992	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	25,995 26,000	28,500 28,521	21,900				M114	Semi	BB 18799	5	001 BS 18800 300
	28,000	30,500 30,525	21,900				M114	Semi	BB 18801	5	001 BS 18802 300
		30,500 30,521	21,900				M114	Semi	BB 18803	5	001 BS 18804 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250 0,500	PL 10305	5	001 PS 10702 000 025 050



Ø 87 2

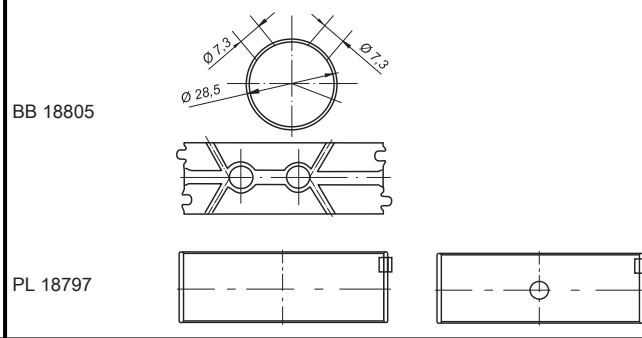
OM 603.931 R 6 Diesel, 2996 cm³, 83 kW (113 PS), 22:1, 12 Ventile 300 GD 09/1989...	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,750 1,000	PL 10305	6	001 PS 10703 000 075 100



Ø 87

3

OM 606.964 R 6 Diesel, 2996 cm ³ , 130 kW (177 PS), 22:1, Turbo, LLK, 4 Ventile G 300 TD 08/1996...	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020	
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2		
		28,500 28,521	21,900					M114	Semi	BB 18805	6	001 BS 19207 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050	
	47,950 47,965	51,600 51,619	21,500 21,700	1,803 1,809		0,017 0,063	M215	0,000 0,250 0,500	PL 18797	6	001 PS 10720 000 025 050	



Ø 88,5

4

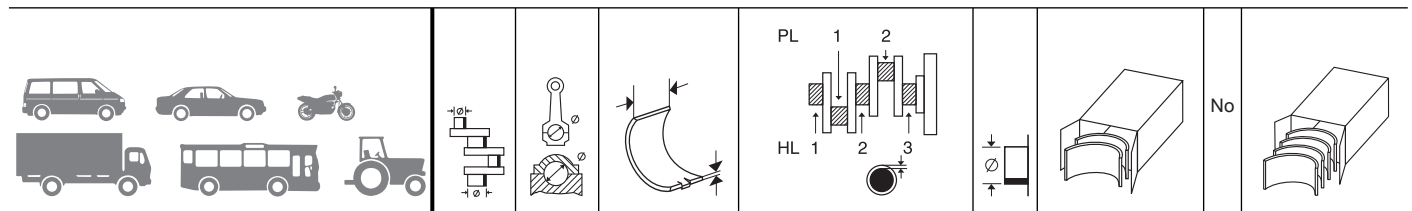
M 103.987 R 6 Benzin, 2960 cm ³ , 125 - 128 kW (170 - 174 PS), 9,2:1, 12 Ventile 300 GE 06/1990...	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,500	HL 10306	7	001 HS 10706 000 025 050
	47,950 47,965	51,600 51,619	21,800	1,814		0,020 0,065	M114	0,000 0,500	PL 10308	6	001 PS 10710 000 050

Ø 89

5.1

OM 602.942 R 5 Diesel, 2874 cm ³ , 70 - 72 kW (95 - 98 PS), 22:1, 10 Ventile 290 GD/G 290 D 04/1992...	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020	
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2		
	25,995 26,000	28,500 28,521	21,900					M114	Semi	BB 18799	5	001 BS 18800 300
	28,000	30,500 30,525	21,900					M114	Semi	BB 18801	5	001 BS 18802 300
		30,500 30,521	21,900					M114	Semi	BB 18803	5	001 BS 18804 300
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261		0,013 0,063	M157	0,000 0,250 0,750 1,000	HL 10306	6	001 HS 10705 000 025 075 100	

Fortsetzung nächste Seite / Continued on next page

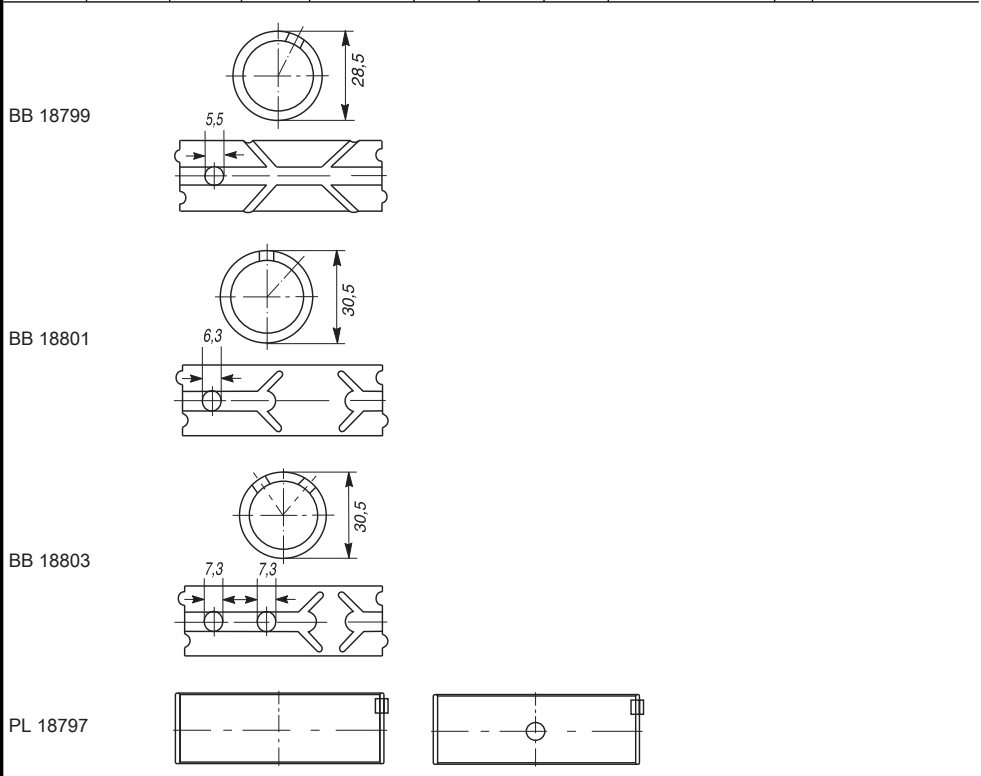


Ø 89 - Fortsetzung / Continued

5.2

OM 602.942
R 5 Diesel, 2874 cm³, 70 - 72 kW (95 - 98 PS),
22:1, 10 Ventile
290 GD/G 290 D 04/1992...

47,950	51,600	21,500	1,803		0,017	M215	0,000	PL 18797	5	001 PS 18798 000
47,965	51,619	21,700	1,809		0,063		0,250			025
							0,500			050



Ø 89

6

OM 603.972
R 6 Diesel, 3449 cm³, 110 kW (136 PS), 22:1,
Turbo, 12 Ventile
350 G TURBO D 09/1991...

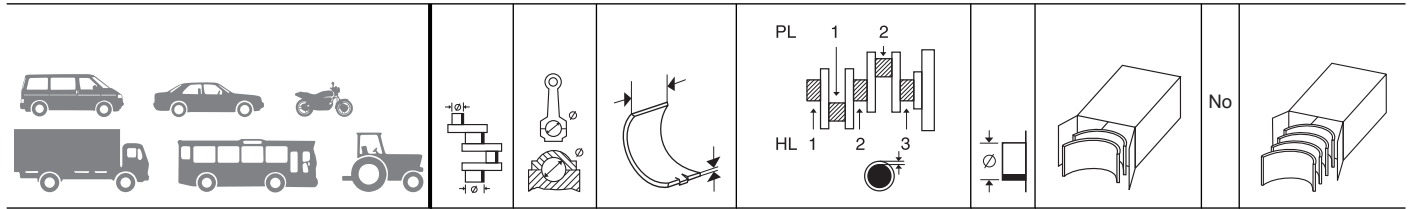
65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000
							0,100			010
							0,200			020
65,800	81,000		2,20			M157	0,000	AL 18749	2	
							0,100			
							0,200			
57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 HS 10706 000
57,965	62,519	17,500	2,261		0,063		0,250			025
							0,500			050
47,950	51,600	21,500	1,803		0,016	M330	0,000	PL 18204	6	001 PS 10099 000
47,965	51,619	21,700	1,809		0,066		0,500			050
47,950	51,600	21,500	1,803		0,016	M215	0,000	PL 18557	6	
47,965	51,619	21,700	1,809		0,066		0,500			

Ø 89,9

7

M 104.996
R 6 Benzin, 3199 cm³, 155 kW (211 PS), 10:1,
24 Ventile
G 320 09/1994...12/1997

65,800	81,000		2,20			M157	0,000	AL 18748	2	001 AS 18750 000
							0,100			010
							0,200			020
65,800	81,000		2,20			M157	0,000	AL 18749	2	
							0,100			
							0,200			
57,950	62,500	17,250	2,253		0,013	M157	0,000	HL 10306	7	001 HS 10706 000
57,965	62,519	17,500	2,261		0,063		0,250			025
							0,500			050
47,950	51,600	21,800	1,815		0,020	M114	0,000	PL 18045	6	001 PS 18833 000
47,965	51,619				0,064		0,250			025



Ø 90,9 8

OM 616.936 R 4 Diesel, 2399 cm³, 53 kW (72 PS), 21:1, 8 Ventile 240 GD 03/1979...08/1987	78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18742	2	001 AS 18744 000 010 020
	78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18743	2	
	26,000	29,000 29,021	31,800				M114	Semi	BB 18745	4	001 BS 18751 300
	69,955 69,965	74,500 74,519	33,820 33,880	2,255	3.	0,025 0,079	M157	0,000 0,250 0,500 1,000	FL 10209	1	001 HS 10618 000 025 050 100 <small>...12/1979</small>
	69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.	0,024 0,079	M157	0,000 0,250 0,500 1,000	HL 10117	4	
	69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.	0,024 0,079	M157	0,000 0,500	HL 10117	4	001 HS 10643 000 050
	69,955 69,965	74,500 74,519	27,000	2,255	3.	0,024 0,079	M157	0,000 0,500	HL 10263	1	
	51,955 51,965	55,600 55,619	26,000	1,805		0,024 0,079	M157	0,000 0,250 0,500 0,750	PL 10244	4	001 PS 10578 000 025 050 075
FL 10209											
PL 10244											

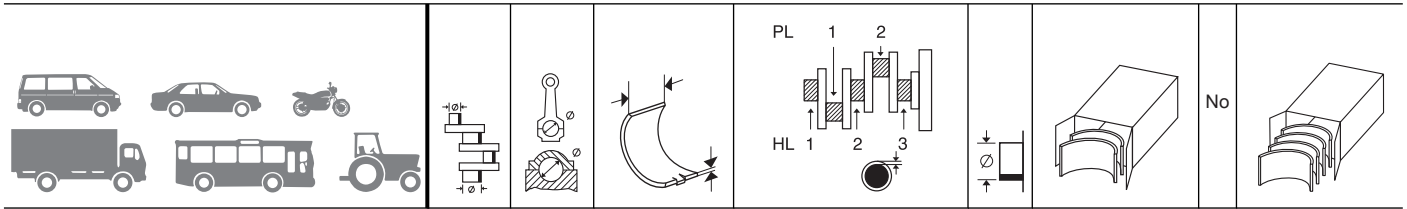
Ø 90,9 9

OM 617.931 R 5 Diesel, 2998 cm³, 65 kW (88 PS), 22:1, 10 Ventile 300 GD 12/1979...12/1991	78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18742	2	001 AS 18744 000 010 020
	78,000 78,250	91,250 91,500		2,15 2,20			M157	0,000 0,100 0,200	AL 18743	2	
	69,955 69,965	74,500 74,519	33,820 33,880	2,255	3.	0,025 0,079	M157	0,000 0,250 0,500	FL 10209	1	001 HS 10619 000 025 050
	69,955 69,965	74,500 74,519	27,000	2,255	1.2.4.5.6	0,024 0,079	M157	0,000 0,250 0,500	HL 10117	5	
	51,955 51,965	55,600 55,619	26,000	1,805		0,024 0,079	M157	0,000 0,250 0,500 1,000	PL 10244	5	001 PS 10579 000 025 050 100
FL 10209											
PL 10244											

Ø 95,5 10.1

M 102.981, .987 R 4 Benzin, 2299 cm³, 90 - 92 kW (122 - 125 PS), 8 Ventile 230 GE 04/1982...08/1992	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18748	2	001 AS 18750 000 010 020
	65,800	81,000		2,20			M157	0,000 0,100 0,200	AL 18749	2	

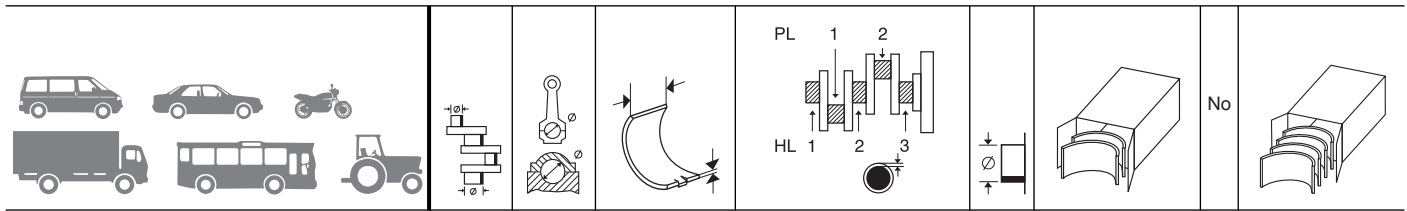
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Ø 95,5 - Fortsetzung / Continued

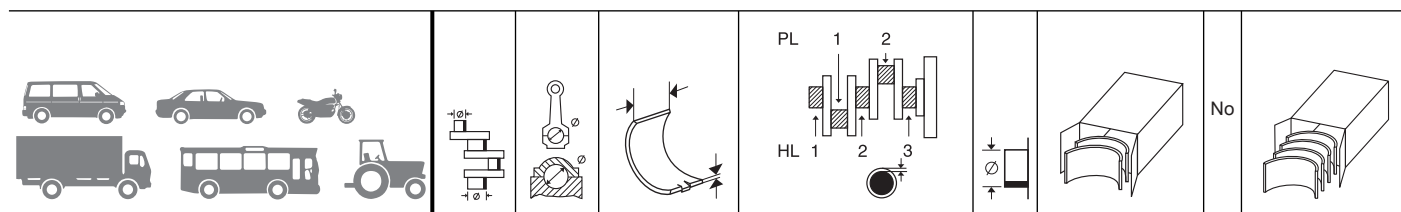
10.2

M 102.989 R 4 Benzin, 2298 cm ³ , 93 kW (126 PS), 9:1, 8 Ventile 230 DE 06/1990...06/1993	65,800	81,000		4,13 4,18			M157	0,000	AL 18776	2	001 AS 18780 000
	65,800	81,000		4,13 4,18			M157	0,000	AL 18777	2	
	24,000	27,000 27,021	27,600				M114	Semi	BB 18778	4	001 BS 18781 300
	21,995 22,000	24,500 24,521	21,900	1,38 1,43			M114	Semi	BB 18752	4	001 BS 18782 300
	57,950 57,965	62,500 62,519	21,400	2,261	1.2.3.4.5.	0,020 0,072	M157	0,000 0,250 0,750 1,000	HL 10294	5	001 HS 10657 000 025 075 100
	57,950 57,965	62,500 62,519	17,250 17,500	2,253 2,261	1.2.3.4.5.	0,013 0,063	M157	0,000 0,250 0,500 0,750	HL 10306	5	001 HS 10704 000 025 050 075
	47,955 47,965	51,600 51,619	21,800 22,000	1,939		0,020 0,061	M114	0,250 0,500	PL 10229	4	001 PS 10551 025 050
	47,950 47,965	51,600 51,619	21,800	1,814		0,020 0,065	M114	0,000 0,500	PL 10308	4	001 PS 10709 000 050



SUZUKI

Ø	1											
F8A , Euro 2 Kompressor Benzin, , Turbo CARRY 0.8 LJ 80 0.8	11/1980...10/1985 01/1980...01/1984	57,000 57,250	72,380 72,630		2,50			M250	0,000	AL 19824	2	643 AS 19825 000
		49,985 50,000	53,988 54,008	20,000	1,986		0,016 0,067	M157	0,000	HL 19826	5	643 HS 19827 000
Ø 65,5	2											
F10A R 4 Benzin, 970 cm³, 30 - 33 kW (40 - 45 PS), 8,7:1, 8 Ventile CARRY 1.0 SAMURAI 1.0 SJ 1.0	10/1985...03/1999 11/1988... 09/1981...12/1988	57,000 57,250	72,380 72,630		2,50			M250	0,000	AL 19824	2	643 AS 19825 000
		49,985 50,000	53,988 54,008	20,000	1,986		0,016 0,067	M157	0,000	HL 19826	5	643 HS 19827 000
Ø 68,5	3											
F8B, Y64 R 3 Benzin, 796 cm³, 29 kW (39 PS), 9,3:1 ALTO 0.8 ALTO I 0.8 ALTO II 0.8 MARUTI 800	12/1988...06/1996 06/1982...12/1985 06/1982...11/1993 02/1988...12/1994	57,000 57,250	72,380 72,630		2,50			M250	0,000	AL 19824	2	643 AS 19825 000
Ø 73,4	4											
Z 10 XEP R 3 Benzin, 998 cm³, 44 kW (60 PS), 12 Ventile WAGON R+ 1.0	06/2004...08/2005	42,971 42,987	46,000 46,016	13,700 13,900	1,49 1,50		0,013 0,065	M23	0,000 0,250 0,500	PL 21043	3	011 PS 21044 000 025 050
		PL 21043 										
Ø 73,4	5											
Z 12 XEP R 4 Benzin, 1229 cm³, 59 kW (80 PS), 10,5:1, 12 Ventile WAGON R+ 1.2	06/2004...08/2005	42,971 42,987	46,000 46,016	13,700 13,900	1,49 1,50		0,013 0,065	M23	0,000 0,250 0,500	PL 21043	4	011 PS 21045 000 025 050
		PL 21043 										
Ø 73,7	6											
8HY R 4 Diesel, 1398 cm³, 66 kW (90 PS) LIANA 1.4 DDIS	04/2004...12/2007	71,350 71,700	55,200 55,480		2,40 2,45			M218	0,000	AL 21042	2	039 AS 21056 000
		49,962 49,981	53,655 53,674	19,668 19,918	1,831 1,837			M920	0,000 0,300	HL 21052	5	039 HS 21053 000 030
		44,975 44,991	48,655 48,671	16,800 17,050	1,812 1,818		0,036 0,080	M330	0,000	PL 21519	4	039 PS 21520 000
Ø 74	7											
G10, G10A, G10T R 3 Benzin, 993 cm³, 37 - 52 kW (50 - 71 PS) SWIFT I 1.0 SWIFT I 1.0 TURBO SWIFT II 1.0 WAGON R 1.0	10/1983...03/1989 02/1985...12/1989 03/1989...05/2001 07/2003...08/2005	52,250 41,982 42,000	67,900 44,998 45,018	18,000	1,49		0,020 0,068	M250 M780	0,000 0,000	AL 18344 PL 18369	2 3	643 AS 18343 000 643 PS 18641 000
Ø 74	8											
G13A R 4 Benzin, 1324 cm³, 44 - 54 kW (60 - 73 PS), 8,9:1, 8 Ventile SAMURAI 1.3 SJ 413 1.3 SWIFT I 1.3 SWIFT II 1.3	11/1988... 11/1984...08/1990 10/1984...03/1989 03/1989...05/2001	52,250 41,982 42,000	67,900 44,998 45,018	18,000	1,49		0,020 0,068	M250 M780	0,000 0,000 0,250	AL 18344 PL 18369	2 4	643 AS 18343 000 643 PS 18720 000 025
G13B R 4 Benzin, 1298 cm³, 44 - 74 kW (60 - 101 PS), 9,5:1, 16 Ventile SWIFT I 1.3 I SWIFT II 1.3 I	08/1986...03/1989 03/1989...05/2001											



Ø 75 9

9HX R 4 Diesel, 1560 cm³, 66 kW (90 PS), 18:1, 16 Ventile SX4 1.6 DDIS 04/2007...	71,350	55,200		2,40			M218	0,000	AL 21042	2	039 AS 21056 000	
	71,700	55,480		2,45								
	49,962	53,655	19,668	1,831			M920	0,000	HL 21052	5	039 HS 21053 000	
	49,981	53,674	19,918	1,837				0,300			030	
	46,975	50,655	16,750	1,81			0,035	M331	0,000	PL 21022	4	039 PS 21023 000
	46,991	50,674	17,000	1,82			0,086		0,300			030
PL 21022												

Ø 75 10

DV6ATED4 R 4 Diesel, 1560 cm³, 66 kW (90 PS), 18:1, 16 Ventile SANTANA 300/350 1.6 D 09/1998... SANTANA 300/350 1.6 HDI 07/2006...02/2011	46,975	50,655	16,750	1,81			0,035	M331	0,000	PL 21022	4	039 PS 21023 000
	46,991	50,674	17,000	1,82			0,086		0,300			030
PL 21022												

Ø 76 11

K9K 700 R 4 Diesel, 1461 cm³, 48 - 50 kW (65 - 68 PS), 18,8:1, 8 Ventile JIMNY 1.5 DDIS 12/2003...	48,004	51,936	19,250	1,943			0,037	M157	0,000	HL 20153	5	021 HS 20154 000
	48,010	51,942	19,500	1,949			0,064		0,250			025
	43,960	47,610	20,500	1,805			0,009	M114	0,000	PL 20513	2	021 PS 20515 000
	43,980	47,628	20,750	1,815			0,065		0,250	0,500		025
	43,960	47,610	17,500	1,798			0,009	M157	0,000	PL 20514	2	050
	43,980	47,628	17,750	1,806			0,065		0,250	0,500		

Ø 77,6 12

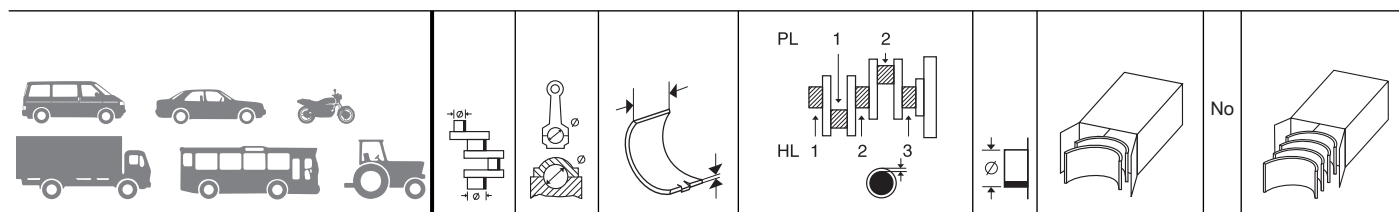
C 14 SE R 4 Benzin, 1389 cm³, 60 - 63 kW (82 - 86 PS), 9,8:1, 8 Ventile	54,972	59,000	25,900	1,988			0,019	M114	0,000	FL 19222	1	011 HS 19223 000
	54,985	59,013		2,001			0,074		0,250			025
	54,972	59,000	19,500	1,988			0,013	M114	0,000	HL 19221	4	
	54,985	59,013		2,001			0,065		0,250			
	42,971	46,000	16,600	1,484			0,019	M114	0,000	PL 19219	2	011 PS 19563 000
	42,987	46,012		1,497			0,074		0,250	0,500		025
	42,971	46,000	16,630	1,497			0,019	M114	0,000	PL 19738	2	050
	42,987	46,012					0,074		0,250	0,500		
PL 19219												
PL 19738												

Ø 82 13

D19AA R 4 Diesel, 1910 cm³, 88 kW (120 PS), 18:1 SX4 1.9 DDIS 06/2006...	50,787	53,897	19,250	1,654			0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714			0,068					

Ø 83 14

XUD 9 R 4 Diesel, 1905 cm³, 48 - 50 kW (65 - 68 PS), 23,5:1 SAMURAI 1.9 TD 11/1998...12/2004	59,981	63,731	20,040	1,838			0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845			0,103		0,300			030
	67,050	83,050		2,33				M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300										
	25,007	27,000	24,050					M114	Semi	BB 18760	4	039 BS 18761 300
	25,020	27,021										
	49,984	53,695	20,050	1,83			0,035	M157	0,000	PL 18030	4	039 PS 18037 000
	50,000	53,708					0,089		0,300			030



Ø 83 **15**

XUD 9 A R 4 Diesel, 1905 cm³, 52 kW (71 PS), 23,5:1 8 Ventile VITARA 1.9 D 01/1995...03/1998	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	49,984	53,695	20,050	1,83		0,035	M157	0,000	PL 18030	4	039 PS 18037 000
	50,000	53,708				0,089		0,300			030

Ø 83 **16**

XUD9SD R 4 Diesel, 1905 cm³, 55 kW (75 PS), 23:1, 8 Ventile VITARA 1.9 D 08/1996...03/1999	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	49,984	53,695	20,000	1,828		0,039	M114	0,000	PL 18020	4	007 PS 18021 000
	50,000	53,708				0,092		0,300			030
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	25,007	27,000	24,050				M114	Semi	BB 18760	4	039 BS 18761 300
	25,020	27,021									

Ø 85 **17**

RHP (DW10TD) R 4 Diesel, 1997 cm³, 64 kW (87 PS), 18:1, 8 Ventile VITARA HDI 01/2001...12/2005	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							
	59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000
	60,000	63,741	19,490	1,856				0,300			030

Ø 85 **18**

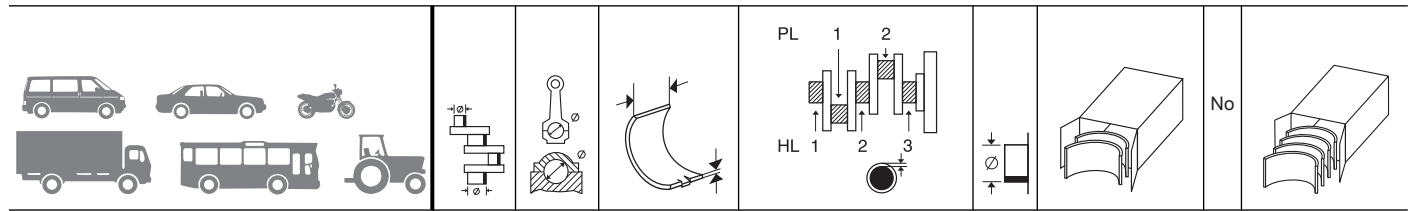
RHW R 4 Diesel, 1997 cm³, 80 kW (109 PS), 17,3:1, 16 Ventile GRAND VITARA I 2.0 HDI 01/2001...09/2005 GRAND VITARA II 2.0 HDI 01/2006...	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									

Ø 85 **19**

RHZ R 4 Diesel, 1997 cm³, 80 kW (109 PS), 17,6:1, 8 Ventile GRAND VITARA I 2.0 HDI 01/2001...09/2005	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300									
	28,007	30,202	23,550	1,38			M100	Semi	BB 20287	4	039 BS 20288 300
	28,020	30,281	24,050	1,43							
	59,991	63,731	19,240	1,85			M157	0,000	HL 20281	5	039 HS 20282 000
	60,000	63,741	19,490	1,856				0,300			030

Ø 86 **20**

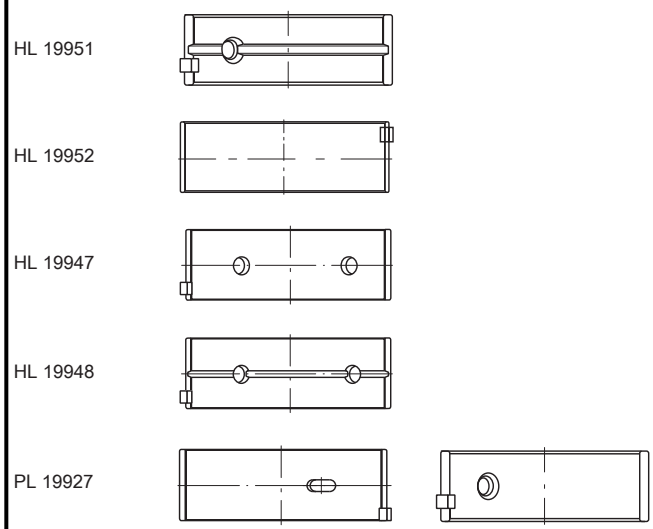
RFS R 4 Diesel, 1998 cm³, 52 kW (71 PS), 20,9:1	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845		0,103		0,300			030



TALBOT

Ø 70 **1**

XV5 R 4 Benzin, 954 cm ³ , 31 - 33 kW (42 - 45 PS), 8,8:1	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010 <small>01/1981...</small>
	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
	37,992 38,008	41,128 41,144	16,300	1,548	1.-4.	0,024 0,081	M157	0,000 0,300	PL 19927	4	039 PS 19937 000 030



Ø 70 **2**

XV8 R 4 Benzin, 954 cm ³ , 33 kW (45 PS), 8,1:1, 8 Ventile	44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050
	PL 19934										

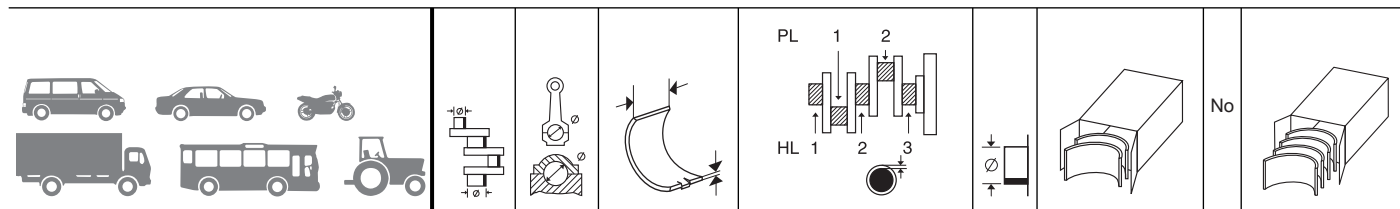
Ø 72 **3**

XW3 R 4 Benzin, 1124 cm ³ , 42 kW (57 PS), 9,2:1, 8 Ventile	44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050
	PL 19934										

Ø 72 **4.1**

XW7 R 4 Benzin, 1124 cm ³ , 37 kW (50 PS), 9,7:1, 8 Ventile SAMBA 1.1 01/1981...06/1986	55,250 55,500	71,450 71,700		2,35			M250	0,000	AL 19959	2	039 AS 19963 000
	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010 <small>01/1981...</small>
	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	

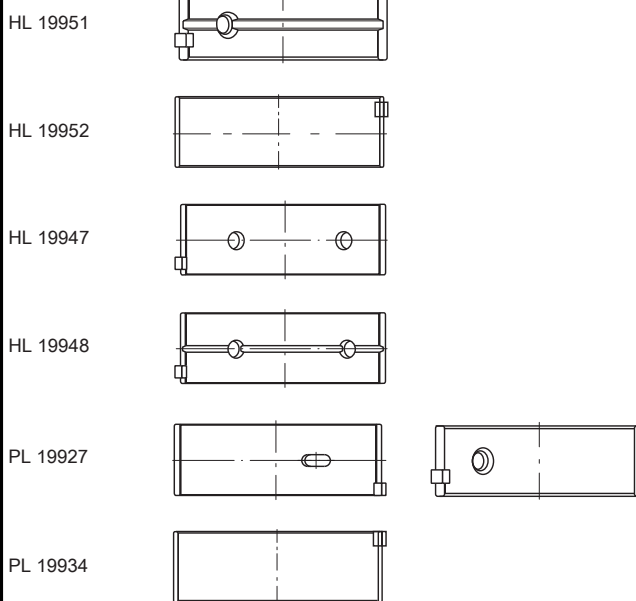
Fortsetzung nächste Seite / Continued on next page



Ø 72 - Fortsetzung / Continued

4.2

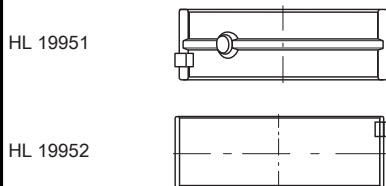
XW7 R 4 Benzin, 1124 cm³, 37 kW (50 PS), 9,7:1, 8 Ventile SAMBA 1.1 01/1981...06/1986	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
	37,992 38,008	41,128 41,144	16,300	1,548	1.-4.	0,024 0,081	M157	0,000 0,300	PL 19927	4	039 PS 19937 000 030
	44,975 44,991	48,655 48,671	19,750	1,82	1.-4.	0,024 0,081	M157	0,000 0,300 0,500	PL 19934	4	039 PS 19943 000 030 050



Ø 75

5

150 D 4 Benzin, 1351 cm³, 44 kW (60 PS), 8 Ventile SAMBA 1.4 06/1983...10/1986	55,250 55,500	71,450 71,700		2,50			M250	0,100	AL 19960	2	039 AS 19964 010
	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	

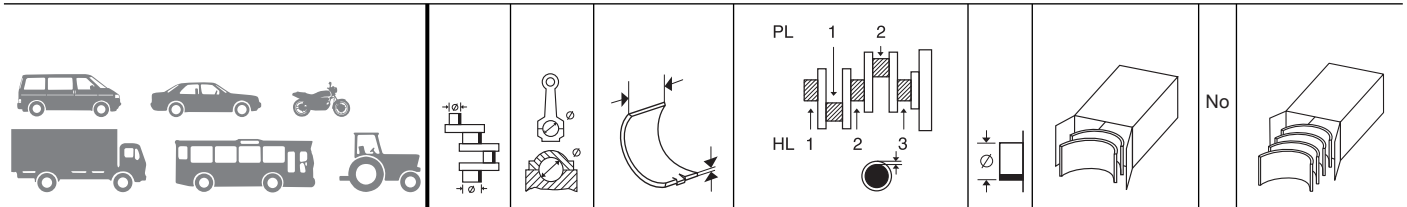


Ø 75

6.1

XY6B, XY8 R 4 Benzin, 1361 cm³, 44 - 58 kW (60 - 79 PS), 9,3:1 SAMBA 1.4 01/1981...10/1986	55,250 55,500	71,450 71,700		2,45			M250	0,000 0,100	AL 19960	2	039 AS 19964 000 010
	49,965 49,981	53,655 53,674	17,290	1,982	2.4.	0,020 0,070	M157	0,300	HL 19951	2	039 HS 19965 030
	49,965 49,981	53,655 53,674	17,290	1,982	1.3.5.	0,020 0,070	M157	0,300	HL 19952	3	
	49,965 49,981	53,655 53,674	17,290	1,832	1.	0,020 0,070	M157	0,000	HL 19947	3	039 HS 19969 000
	49,965 49,981	53,655 53,674	17,290	1,832	2.-5.	0,020 0,070	M157	0,000	HL 19948	2	
	37,992 38,008	41,128 41,144	16,300	1,548	1.-4.	0,024 0,081	M157	0,000 0,300	PL 19927	4	039 PS 19937 000 030

Fortsetzung nächste Seite / Continued on next page



Ø 75 - Fortsetzung / Continued

6.2

XY6B, XY8 R 4 Benzin, 1361 cm ³ , 44 - 58 kW (60 - 79 PS), 9,3:1 SAMBA 1.4 01/1981...10/1986	44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050	
	44,991	48,671				0,081		0,300				
	HL 19951											
	HL 19952											
	HL 19947											
	HL 19948											
	PL 19927											
PL 19934												

Ø 75

7

XY7 R 4 Benzin, 1361 cm ³ , 53 kW (72 PS), 9,7:1 SAMBA 1.4 01/1981...06/1986	55,250	71,450		2,50			M250	0,100	AL 19960	2	039 AS 19964 010	
	55,500	71,700										
	49,965	53,655	17,290	1,982	2.4.	0,020	M157	0,300	HL 19951	2		039 HS 19965 030
	49,981	53,674				0,070						
	49,965	53,655	17,290	1,982	1.3.5.	0,020	M157	0,300	HL 19952	3		
	49,981	53,674				0,070						
44,975	48,655	19,750	1,82	1.-4.	0,024	M157	0,000	PL 19934	4	039 PS 19943 000 030 050		
44,991	48,671				0,081		0,300					
							0,500					
HL 19951												
HL 19952												
PL 19934												

Ø 83

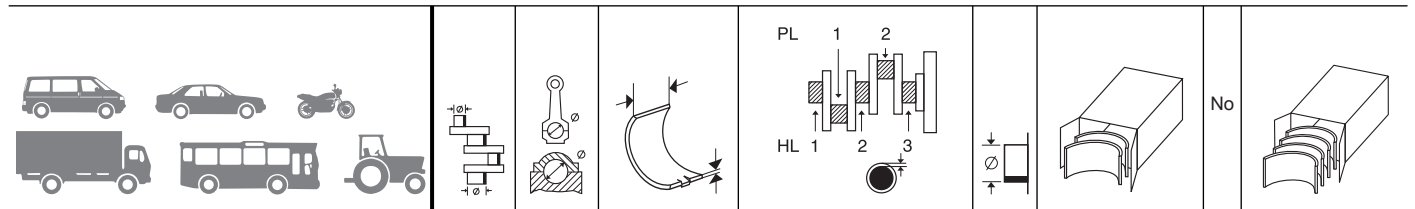
8

XUD9 R 4 Diesel, 1905 cm ³ , 48 kW (65 PS), 23,5:1 HORIZON 1.9 D 07/1982...06/1986	49,984	53,695	20,050	1,83			0,035	M157	0,000	PL 18030	4	039 PS 18037 000 030
	50,000	53,708					0,089		0,300			

Ø 84

9

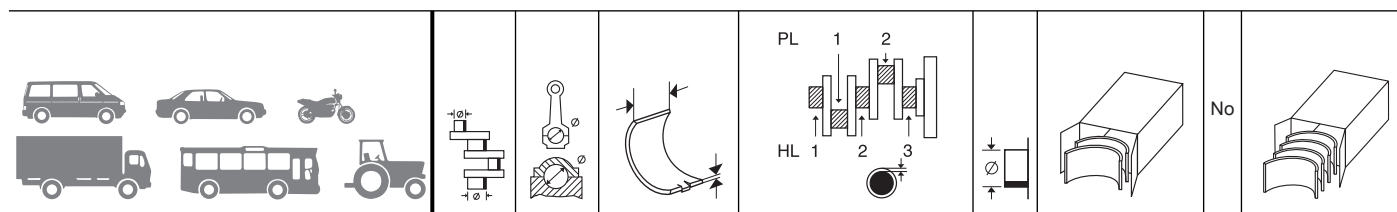
XM7T R 4 Benzin, 1796 cm ³ , 50 - 51 kW (68 - 69 PS), 7,5:1, 8 Ventile EXPRESS 1.8 07/1981...10/1990	49,975	53,655	23,400	1,812			0,028	M157	0,000	PL 10067	4	039 PS 10066 000 030 050
	49,991	53,674		1,818			0,075		0,300			
									0,500			



Ø 94

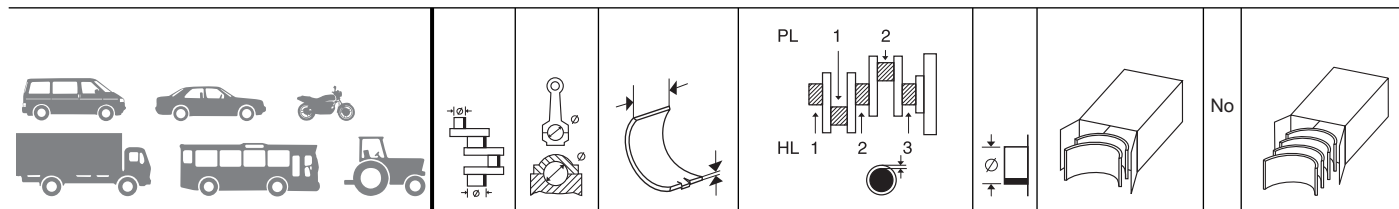
10

XD2S R 4 Diesel, 2288 cm³, 54 - 59 kW (73 - 80 PS), 21:1, 8 Ventile TAGORA 2.3 TD 08/1981...12/1987	67,000	84,750		2,30			M250	0,000	AL 18015	4	039 AS 18014 000
	67,250	85,000		2,35							
	59,994	63,731	29,750	1,829	1.3.5.	0,040	M100	0,000	HL 10076	3	039 HS 10075 000 050
	60,021	63,750	30,000	1,835		0,098		0,500			
	59,994	63,731	23,750	1,829	2.4.	0,040	M100	0,000	HL 18013	2	
	60,021	63,750	24,000	1,835		0,098		0,500			
	54,994	58,731	21,750	1,829	2.4.	0,052	M157	0,000	HL 20478	2	039 HS 20480 000 030 050 080
55,009	58,750	22,000	1,835		0,098		0,300				
54,994	58,731	29,750	1,829	1.3.5.	0,052	M157	0,000	HL 20479	3		
55,009	58,750	30,000	1,835		0,098		0,300				
54,994	58,737	28,750	1,832		0,040	M100	0,000	PL 10064	4	039 PS 10074 000 030 050 080 100	
55,021	58,750	29,000	1,845		0,092		0,300				
49,984	53,695	28,750	1,866		0,051	M157	0,100	PL 20483	4	039 PS 20484 010 030 050 080	
50,000	53,708	29,000	1,922		0,092		0,300				
								0,500			
								0,800			



TOYOTA

Ø 90											1
L R 4 Diesel, 2188 cm³, 46 - 53 kW (63 - 72 PS), 21,5:1, Hub 88,9mm, 8 Ventile CRESSIDA 2.2 D 09/1980...03/1985 CROWN 2.2 D 04/1980...07/1983 HIACE I 2.2 D 01/1979...03/1983 HIACE II 2.2 D 03/1983...11/1989 HILUX 2.2 D 05/1979...03/1983 HILUX II 2.2 D 08/1983...08/1984	70,000	81,450		2,49			M800	0,000	AL 19817	2	607 AS 19816 000
	70,250	81,700									
	61,980	66,000	27,560	2,236		0,028	M800	0,500	HL 19815	5	607 HS 19814 050
Ø 92 2L R 4 Diesel, 2446 cm³, 53 - 63 kW (72 - 86 PS), 22,3:1, Hub 92mm, 8 Ventile DYNA 2.4 D 08/1977...07/2001 DYNA 150 2.4 D 08/1985...07/2001 HIACE II 2.4 D 05/1984...11/1989 HIACE III 2.4 D 08/1989...08/1995 HIACE IV 2.4 D 08/1995...08/2006 HILUX II 2.4 D 01/1984...07/2005 LAND CRUISER 2.4 D 11/1984...10/1985	70,000	81,450		2,49			M800	0,000	AL 19817	2	607 AS 19816 000
	70,250	81,700									
	61,980	66,000	27,560	2,236		0,028	M800	0,500	HL 19815	5	607 HS 19814 050
2LII R 4 Diesel, 2446 cm³, 61 kW (83 PS)	62,000	66,020									
	52,988	56,000	25,900	1,485		0,030	M800	0,000	PL 19818	4	607 PS 19819 000
	53,000	56,020				0,088		0,250			025
								0,500			050
Ø 92 2LT R 4 Diesel, 2446 cm³, 63 - 66 kW (85 - 90 PS), 21:1, Hub 92mm, Turbo, 8 Ventile 4 RUNNER 2.4 TD 08/1989...11/1995 CRESSIDA 2.4 TD 01/1985...10/1988 HIACE IV 2.4 TD 08/1995...08/2006 HILUX II 2.4 TD 08/1997...01/2002 LAND CRUISER 2.4 TD 10/1985...05/1996	70,000	81,450		2,49			M800	0,000	AL 19817	2	607 AS 19816 000
	70,250	81,700									
	61,980	66,000	27,560	2,236		0,028	M800	0,500	HL 19815	5	607 HS 19814 050
Ø 96 3L R 4 Diesel, 2779 cm³, 58 - 66 kW (79 - 90 PS), Hub 96mm, 8 Ventile DYNA 150 2.8 D 08/1988...06/1995 DYNA 2.8 D 05/1995...08/1998	62,000	66,020									
	54,985	58,000	26,000	1,611		0,032	M800	0,250	PL 19813	4	607 PS 19812 025
	55,000	58,024				0,093		0,500			050
Ø 99,5 5L R 4 Diesel, 2955 cm³, 65 - 67 kW (88 - 91 PS), 8 Ventile DYNA 3.0 D 09/1998...07/2001 DYNA 3.0 D4D 08/2001...	70,000	81,450		2,49			M800	0,000	AL 19817	2	607 AS 19816 000
	70,250	81,700									
	61,980	66,000	27,560	2,236		0,028	M800	0,500	HL 19815	5	607 HS 19814 050
54,985 55,000	58,000	26,000	1,611		0,032	M800	0,250	PL 19813	4	607 PS 19812 025	
	58,024				0,093		0,500			050	



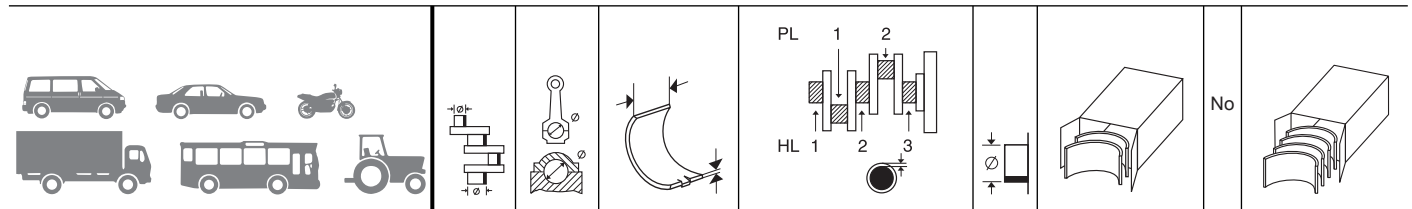
UNIC-SIMCA

Ø 100 1

8040.02. R 4 Diesel, 3456 cm ³ , 60 kW (82 PS), 17:1, 8 Ventile	85,090	106,550		3,38			M157	0,000	AL 20340	4	007 AS 20341 200 <small>403) 645691</small>
	85,340	106,800		3,43							
	76,187 76,200	80,587 80,607	24,610 24,990	2,163 2,172		0,043 0,094	M900	0,000 0,254 0,508 0,762	007 HL 20197 200 210 220 230	5	007 HS 20201 200 210 220 230
58,730 58,743	62,408 62,420	28,320 28,700	1,806 1,815		0,035 0,078	M900	0,000 0,254 0,508 0,762	007 PL 20185 200 210 220 230	4	007 PS 20199 200 210 220 230	

Ø 120 2

8460.21.206, 8460.21.611 R, 8460.41K.406, .41K.410, .41L TCA R 6 Diesel, 9500 cm ³ , 155 - 276 kW (210 - 375 PS), 15:1 - 17:1, 12 Ventile	99,800	123,650		3,91			M7	0,000	AL 20322	4	007 AS 20323 000
	100,200	124,000									
	89,958 89,980	96,000 96,022	32,500 32,750	3,108 4,168	1.2.3.5.6.7	0,038 0,102	M901	0,254	HL 20298	6	007 HS 20299 210
89,022 89,958	96,000 96,022	44,250 44,500	3,108 4,168	4.	0,038 0,102	M901	0,254	HL 20328	1		



URSUS

Ø 95 1

S4001, S4002, S4003 R 4 Diesel, 3120 cm³, 33 kW (45 PS), 17:1	76,000 76,250	89,750 90,000		2,90 2,95			M157	0,000 0,300 0,600 0,900 1,200	AL 20121	2	454 AS 20123 000 030 060 090 120	
	77,500 77,750	99,750 100,000		2,90 2,95			M157	0,000 0,300 0,600 0,900 1,200	AL 20122	2		
	35,000	40,000 40,025	34,750 35,250				M100	Semi	BB 20166	4		454 BS 20167 300
	69,981 70,000	76,000 76,019	31,700 32,000	2,967 2,977		0,046 0,104	M157	0,000 0,250 0,500 0,750 1,000 1,250 1,500	HL 20118	4		454 HS 20120 000 025 050 075 100 125 150
	69,981 70,000	76,000 76,019	35,700 36,000	2,967 2,977		0,046 0,104	M157	0,000 0,250 0,500 0,750 1,000 1,250 1,500	HL 20119	1		
	59,981 60,000	64,000 64,019	31,700 32,000	1,97 1,98		0,040 0,098	M157	0,000 0,250 0,500 0,750 1,000 1,250 1,500	PL 20116	4		454 PS 20117 000 025 050 075 100 125 150

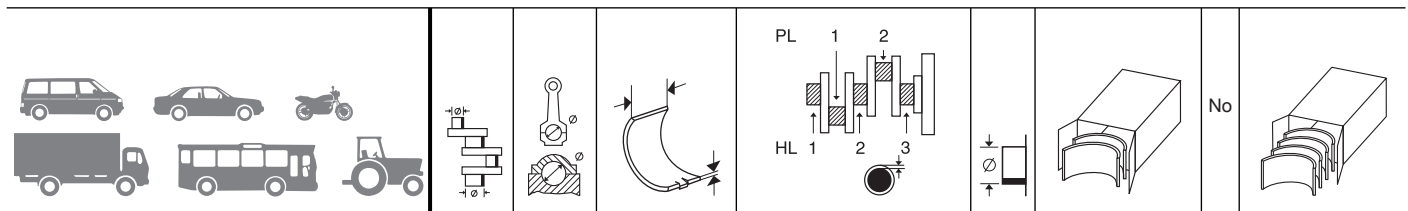
Ø 102 2

S312C R 2 Diesel, 1960 cm³, 22 kW (30 PS), Hub 120mm	86,000 86,250	104,750 105,000		2,90 2,95			M157	0,000 0,200 0,400 0,600 0,800 1,000	AL 20114	4	454 AS 20115 000 020 040 060 080 100	
	38,010 38,022	42,060 42,110	37,500 38,000	2,15 2,30			M100	Semi	BB 20164	2		454 BS 20165 300
	80,150 80,170	86,000 86,022	39,800 40,000	2,877 2,887		0,056 0,118	M157	0,000 0,250 0,500 0,750 1,000	HL 20110	1		454 HS 20113 000 025 050 075 100
	80,150 80,170	86,000 86,022	31,800 32,000	2,877 2,887			M157	0,000 0,250 0,500 0,750 1,000	HL 20111	1		
	80,150 80,170	86,000 86,022	39,800 40,000	2,877 2,887		0,056 0,118	M157	0,000 0,250 0,500 0,750 1,000	HL 20112	1		
	75,155 75,175	79,000 79,013	33,800 34,000	1,875 1,885		0,055 0,108	M157	0,000 0,250 0,500 0,750 1,000	PL 20108	2		454 PS 20109 000 025 050 075 100

Ø 110 3.1

Z8001, Z8001, Z8002.1, Z8401 R 4 Diesel, 4562 cm³, 57 kW (78 PS), 16,8:1 - 17:1, Hub 120mm	87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20130	2	454 AS 20131 000 025 050 075 100

Fortsetzung nächste Seite / Continued on next page



Ø 110 - Fortsetzung / Continued

3.2

Z8001, Z8001, Z8002.1, Z8401
R 4 Diesel, 4562 cm³, 57 kW (78 PS),
16,8:1 - 17:1, Hub 120mm

39,996 40,000	45,000 45,016	37,700 38,000				M100	Semi	BB 20168	4	454 BS 20169 300
79,981 80,000	84,000 84,022	39,800 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20126	1	454 HS 20129 000 025 050 075 100
79,981 80,000	84,000 84,022	39,980 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20127	2	
79,981 80,000	84,000 84,022	36,800 37,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20128	2	
69,981 70,000	74,000 74,013	36,800 37,000	1,963 1,973		0,054 0,106	M31	0,000 0,250 0,500 0,750 1,000	PL 20124	4	454 PS 20125 000 025 050 075 100
87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20757	4	595 AS 20758 000 025 050 075 100

Ø 110

4

Z8401.1
R 6 Diesel, 6842 cm³, 84 kW (114 PS),
Hub 120mm, Turbo

87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20130	2	454 AS 20131 000 025 050 075 100
39,996 40,000	45,000 45,016	37,700 38,000				M100	Semi	BB 20168	6	454 BS 20170 300
79,981 80,000	84,000 84,022	39,800 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20126	1	454 HS 20148 000 025 050 075 100
79,981 80,000	84,000 84,022	39,980 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20127	2	
79,981 80,000	84,000 84,022	36,800 37,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20128	4	
69,981 70,000	74,000 74,013	36,800 37,000	1,963 1,973		0,054 0,106	M31	0,000 0,250 0,500 0,750 1,000	PL 20124	6	454 PS 20147 000 025 050 075 100
87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20757	4	595 AS 20758 000 025 050 075 100

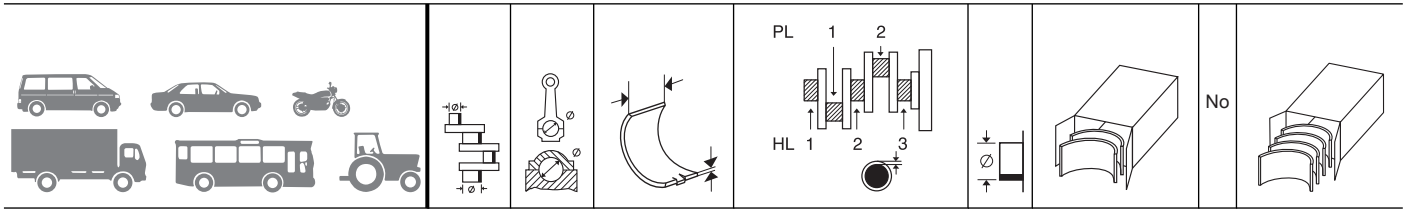
Ø 110

5.1

Z8602.1
R 6 Diesel, 6842 cm³, 84 kW (114 PS),
Hub 120mm, Turbo

87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20130	2	454 AS 20131 000 025 050 075 100
39,996 40,000	45,000 45,016	37,700 38,000				M100	Semi	BB 20168	6	454 BS 20170 300

Fortsetzung nächste Seite / Continued on next page



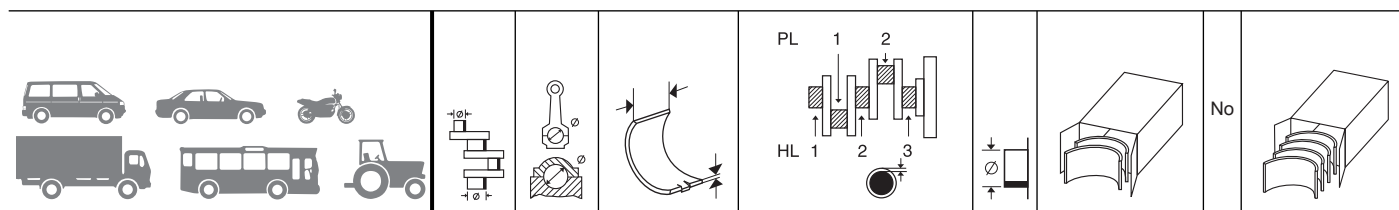
Ø 110 - Fortsetzung / Continued

5.2

Z8602.1

R 6 Diesel, 6842 cm³, 84 kW (114 PS),
Hub 120mm, Turbo

79,981 80,000	84,000 84,022	39,800 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20126	1	454 HS 20148 000 025 050 075 100
79,981 80,000	84,000 84,022	39,980 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20127	2	
79,981 80,000	84,000 84,022	36,800 37,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20128	4	
69,981 70,000	74,000 74,013	36,800 37,000	1,963 1,973		0,054 0,106	M31	0,000 0,250 0,500 0,750 1,000	PL 20124	6	454 PS 20147 000 025 050 075 100
87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20757	4	



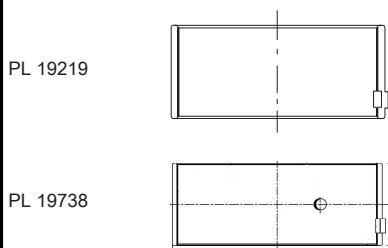
VAUXHALL

Ø 72 1

1.0 S R 4 Benzin, 993 cm³, 29 - 35 kW (39 - 48 PS), 9,2:1 NOVA 1.0	44,970 44,987	48,000 48,012	19,200	1,618		0,027 0,072	M114	0,250 0,500	PL 18035	4	011 PS 18036 025 050
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Ø 72 2

C 12 NZ, C 12 NZ R 4 Benzin, 1200 cm³, 33 kW (45 PS), 9:1, 8 Ventile COMBO I 1.2 07/1994...10/2001 CORSA I 1.2 I 03/1993...09/2000 NOVA 1.2 I 09/1989...03/1993	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
X 12 SZ R 4 Benzin, 1195 cm³, 33 kW (45 PS), 10:1, 8 Ventile COMBO I 1.2 07/1994...10/2001 CORSA I 1.2 I 03/1993...09/2000	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	



Ø 72,5 3

X 10 XE R 3 Benzin, 973 cm³, 40 kW (54 PS), 10,1:1, 12 Ventile CORSA I 1.0 I 11/1996...09/2000	42,971 42,987	46,000 46,016	13,700 13,900	1,49 1,50		0,013 0,065	M23	0,000 0,250 0,500	PL 21043	3	011 PS 21044 000 025 050
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Ø 72,5 4

X 12 XE, Z 12 XE R 4 Benzin, 1199 cm³, 48 - 55 kW (65 - 75 PS), 10,1:1, 16 Ventile ASTRA IV 1.2 02/1998...05/2005 CORSA I 1.2 I 03/1998...09/2000 CORSA II 1.2 09/2000...10/2006 CORSAVAN II 1.2 DUALFUEL 09/2000...06/2006	42,971 42,987	46,000 46,016	13,700 13,900	1,49 1,50		0,013 0,065	M23	0,000 0,250 0,500	PL 21043	4	011 PS 21045 000 025 050



Ø 73,4 5

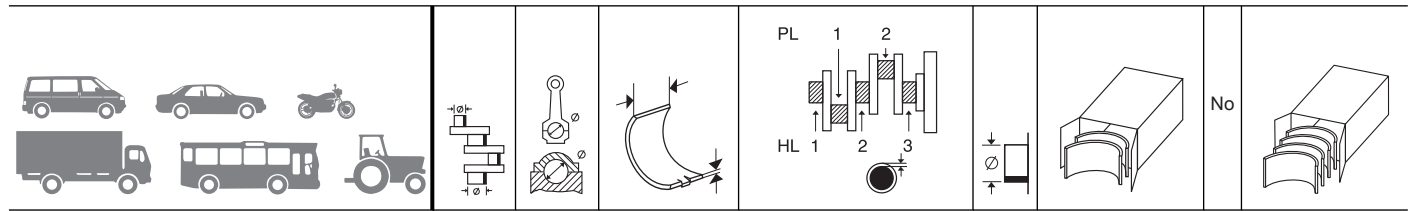
Z 10 XEP R 3 Benzin, 998 cm³, 44 kW (60 PS), 10,5:1, 12 Ventile CORSA II 1.0 11/2003...10/2006 CORSA III 1.0 11/2006...	42,971 42,987	46,000 46,016	13,700 13,900	1,49 1,50		0,013 0,065	M23	0,000 0,250 0,500	PL 21043	3	011 PS 21044 000 025 050



Ø 73,4 6

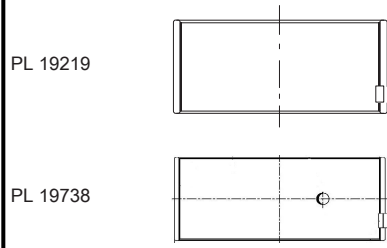
Z 12 XEP, Z 12 XEP R 4 Benzin, 1229 cm³, 59 kW (80 PS), 10,5:1, 16 Ventile CORSA-D 1.2 LPG 09/2009... CORSA III 1.2 11/2006...	42,971 42,987	46,000 46,016	13,700 13,900	1,49 1,50		0,013 0,065	M23	0,000 0,250 0,500	PL 21043	4	011 PS 21045 000 025 050





Ø 75 7

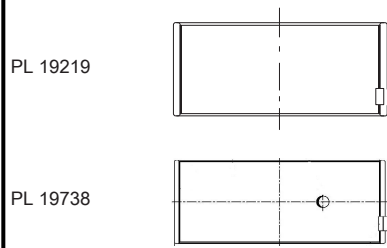
13 N, 13 NB, 13 S, 13 SB, C 13 N R 4 Benzin, 1297 cm ³ , 39 - 55 kW (53 - 75 PS), 8,2:1 - 9:1, 8 Ventile ASTRA II 1.3 CAVALIER I 1.3 CAVALIER II 1.3 N CHEVETTE 1200 CHEVETTE 1300 NOVA 1.3 I NOVA 1.3 S	09/1984...08/1991	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	08/1977...08/1981	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	09/1981...08/1988	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	09/1976...12/1985	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	
	03/1975...12/1985											



Ø 77,6 8

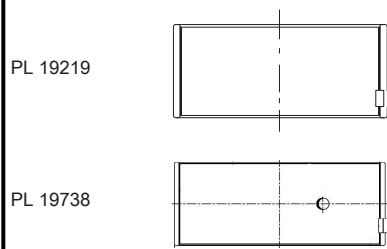
14 NV, X 14 SZ, X 14 XE, Z 14 XE R 4 Benzin, 1389 cm ³ , 40 - 66 kW (54 - 90 PS), 9,4:1 - 10,5:1, 8 Ventile ASTRA IV 1.4 CAVALIER III 1.4 S CORSA I 1.4 I CORSA II 1.4 NOVA 1.4 S NOVAVAN 1.4 TIGRA 1.4 I	02/1998...05/2005	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	09/1988...11/1995	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	03/1993...09/2000	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	09/2000...10/2006	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	
	01/1990...03/1993											

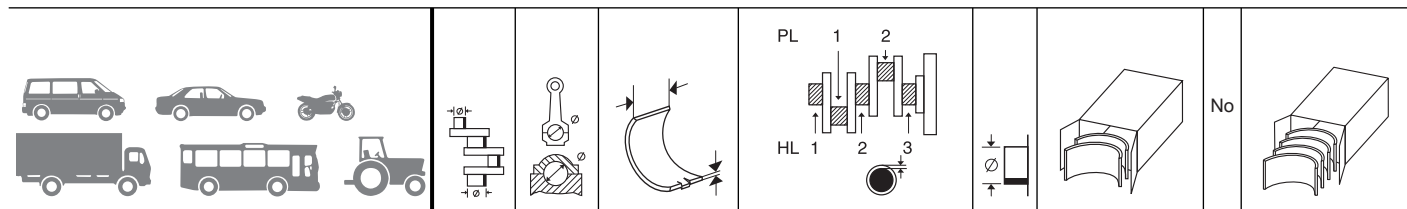
C 14 NZ, C 14 NZ, C 14 SE R 4 Benzin, 1396 cm ³ , 40 - 60 kW (54 - 82 PS), 9,4:1 - 9,8:1, 8 Ventile ASTRA II 1.4 I ASTRAVAN III 1.4 I COMBO I 1.4 CORSA I 1.4 I CORSAVAN I 1.4 I NOVA 1.4 NOVA 1.4 I S	01/1990...12/1991											
	01/1991...10/1994											
	07/1994...10/2001											
	03/1993...09/2000											
	01/1994...09/2000											




Ø 77,8 9


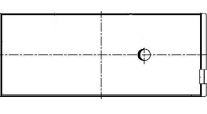
1.2 ST Family 1, 12 NV, 12 NV R 4 Benzin, 1196 cm ³ , 38 - 43 kW (52 - 58 PS), 7,8:1 - 9,2:1 NOVA 1.2 NOVA 1.2 S NOVAVAN 1.2	01/1988...03/1993	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	09/1982...02/1990	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	01/1990...10/1994	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
		42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	




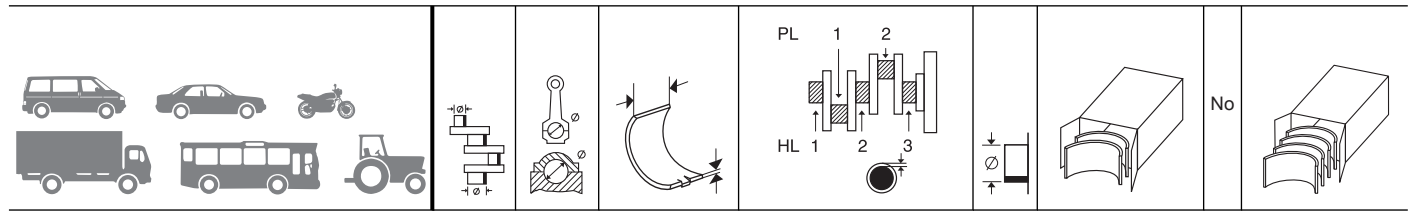


Ø 79											10
1.2 SC R 4 Benzin, 1195 cm³, 33 - 44 kW (45 - 60 PS), 9:1 12 NC, 12 S, E 12 GV, E 12 GV R 4 Benzin, 1196 cm³, 33 - 44 kW (45 - 60 PS), 7,8:1 - 9:1 ASTRA II 1.2 09/1984...08/1991 NOVA 1.2 01/1988...02/1990 NOVA 1.2 I 01/1985...10/1989	44,970 44,987	48,000 48,012	19,200	1,618		0,027 0,072	M114	0,250 0,500	PL 18035	4	011 PS 18036 025 050

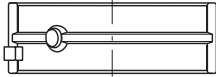
Ø 79											11
16 SV, 16 SV R 4 Benzin, 1598 cm³, 60 kW (82 PS), 10:1, 8 Ventile ASTRA II 1.6 09/1984...12/1991 CAVALIER III 1.6 09/1988...05/1993	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250 0,500	PL 18121	4	011 PS 18122 000 025 050
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250	PL 18727	4	011 PS 18724 000 025
HL 18119 											


Ø 79											12
C 16 LZ, C 16 SEI, C 16 SEL, C 16 XE, E 16 NZ, E 16 SE, X 16 SZ, Y 16 XE, Z 16 XE, Z 16 XE1, Z 16 XEP, Z 16 XER, Z 16 YNG R 4 Benzin, 1598 cm³, 52 - 85 kW (71 - 116 PS), 9,2:1 - 12,5:1, 8 Ventile ASTRA II 1.6 I KAT 10/1987...08/1993 ASTRA IV 1.6 02/1998...10/2005 ASTRA IV 1.6 DUALFUEL 03/1998...05/2005 ASTRA V 1.6 01/2004...11/2010 ASTRAVAN MK IV 1.6 07/2000...08/2005 DUALFUEL ASTRAVAN V 1.6 03/2005... CAVALIER II 1.6 I 08/1986...08/1988 CAVALIER III 1.6 I 09/1988...11/1995 COMBO 1.6 CNG 06/2006...09/2010 COMBO 1.6 CNG 16V 04/2005...02/2012 CORSA I 1.6 GSI 03/1993...09/2000 MERIVA I 1.6 I 01/2003...10/2009 NOVA 1.6 09/1988...08/1990 NOVA 1.6 GSI 09/1989...03/1993 VECTRA I 1.6 I 08/1995...03/2002 VECTRA II 1.6 06/2004...07/2008 ZAFIRA I 1.6 I 04/1999... ZAFIRA II 1.6 12/2007... ZAFIRA II 1.6 I 07/2005...	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	
PL 19219 											
PL 19738 											





Ø 79											13
C 16 NZ, C 16 SE, X 16 SZR, X 16 SZR, X 16 XE, X 16 XEL, Z 16 SE R 4 Benzin, 1598 cm³, 55 - 80 kW (74 - 109 PS), 9,2:1 - 10,5:1, 8 Ventile ASTRA II 1.6 I KAT 10/1987...02/1993 ASTRA IV 1.6 02/1998...08/2006 ASTRAVAN III 1.6 I 01/1991...08/1998 ASTRAVAN IV 1.6 I 08/1998...09/2000 CAVALIER II 1.6 I KAT 08/1986...08/1988 COMBO II 1.6 08/2001...10/2004 CORSA I 1.6 I 09/1994...09/2000 MERIVA I 1.6 I 01/2003...10/2009 NOVA 1.6 GSI KAT 02/1992...03/1993 TIGRA 1.6 I 07/1994...12/2000 VECTRA I 1.6 I 08/1995...03/2002 ZAFIRA I 1.6 I 04/1999...	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250	PL 19219	4	011 PS 19220 000 025
	PL 19219 										



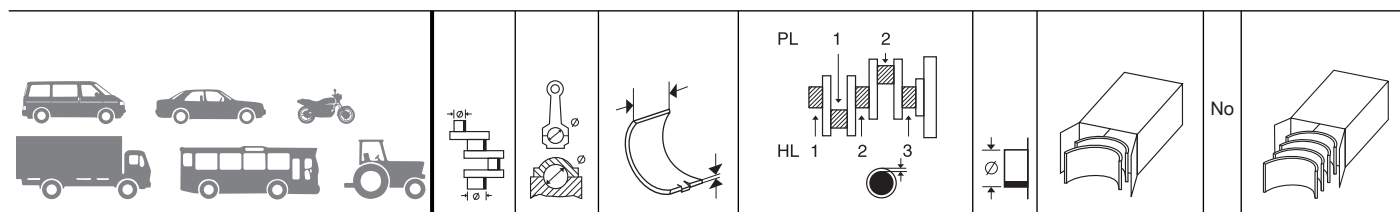
Ø 79											14
X 17 DT (TC4EE1) R 4 Diesel, 1686 cm³, 60 kW (82 PS), 22:1, 8 Ventile VECTRA I 1.7 TD 10/1995...11/1996	26,000	29,520	26,350				M5	Semi	BB 19748	4	011 BS 1907 300

Ø 80											15
16 D, 16 DA, 16 DA, 16 SH R 4 Diesel, 1598 cm³, 40 - 66 kW (54 - 90 PS), 9,2:1 - 23:1, Hub 79.5mm, 8 Ventile ASTRA I 1.6 D ASTRA I 1.6 S ASTRA II 1.6 CAVALIER II 1.6 CAVALIER II 1.6 D	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000 025 050
	57,995	62,013		1,995				0,250			
	02/1982...08/1986	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4
	09/1981...08/1986	57,995	62,013				0,067		0,250		
09/1984...08/1991	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18727	4	011 PS 18724 000 025
09/1981...08/1988	48,987	52,012				0,067		0,250			
03/1982...08/1988	HL 18119 										

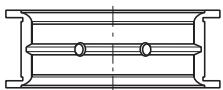
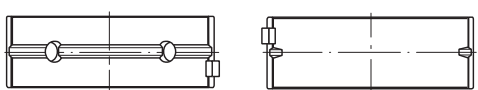
Ø 80											16
16 N, 16 S R 4 Benzin, 1598 cm³, 51 - 66 kW (69 - 90 PS), 8,2:1 - 9,2:1, 8 Ventile ASTRA I 1.6 S ASTRA II 1.6 S CAVALIER II 1.6 N	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000 025 050
	57,995	62,013		1,995				0,250			
	09/1981...08/1986	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4
	09/1984...08/1986	57,995	62,013				0,067		0,250		
	09/1981...08/1988	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18121	4
09/1981...08/1988	48,987	52,012				0,067		0,500			
	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18727	4	011 PS 18724 000 025
	48,987	52,012				0,067		0,250			
	HL 18119 										

Ø 80											17	
F9Q 760 R 4 Diesel, 1870 cm³, 74 kW (101 PS), 18,3:1 VIVARO 1.9 DTI	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010	
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	5		021 HS 20012 000 025 050
	08/2001...12/2006	54,795	58,744				0,094		0,250			
		48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
		48,020	51,600	20,500	1,768		0,084					
	48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000 025	
	48,020	51,600				0,089		0,250				
	HL 19987  											
	PL 19980 											
	PL 19981 											


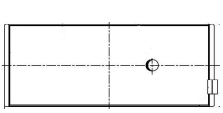
Ø 80											18
F9Q 762, F 9 Q 770, F 9 Q 774 R 4 Diesel, 1870 cm³, 58 - 60 kW (79 - 82 PS), 18,3:1 MOVANO I 1.9 DTI VIVARO 1.9 DI	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010
	09/2000...05/2010	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19987	
08/2001...12/2006	54,795	58,744						0,250			



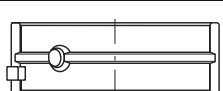

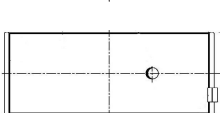
Ø 80 **19**

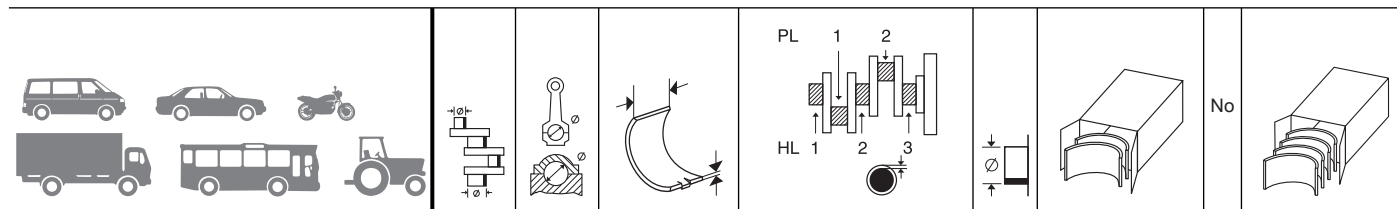
X 25 TD R 6 Diesel, 2498 cm ³ , 96 kW (131 PS), 22:1, 12 Ventile	59,971 59,990	65,000 65,019	24,940	2,498		0,030 0,093	M800	0,000 0,250 0,500	FL 19396	1	081 HS 19400 000 025 050
	59,971 59,990	65,000 65,019	20,000	2,498		0,020 0,063	M157	0,000 0,250 0,500	HL 19398	6	
FL 19396 											
HL 19398 											

Ø 80,5 **20**

A 18 XER, Z 18 XE R 4 Benzin, 1796 cm ³ , 87 - 92 kW (118 - 125 PS), 10,5:1, 16 Ventile ASTRA IV 1.8 02/1998...10/2005 ASTRA IV 1.8 DUALFUEL 02/1998...08/2005 ASTRA V 1.8 01/2004...11/2010 ASTRA V 1.8 I 03/2007...11/2010 CORSA II 1.8 09/2000...09/2006 MERIVA I 1.8 I 05/2003...08/2005 SIGNUM 1.8 06/2003...07/2005 TIGRA 1.8 I 06/2004...08/2009 VECTRA I 1.8 I 09/2000...07/2003 VECTRA II 1.8 DUALFUEL 04/2002...07/2008 ZAFIRA I 1.8 DUALFUEL 09/2000...08/2005 ZAFIRA II 1.8 I 04/2005...	54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025	
	54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4		
	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050	
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2		
	PL 19219 											
	PL 19738 											

Ø 80,5 **21**

X 18 XE1 R 4 Benzin, 1796 cm ³ , 85 kW (115 PS), 10,5:1, Hub 88.2mm, 16 Ventile ASTRA IV 1.8 02/1998...08/2005 VECTRA I 1.8 I 10/1995...09/2000 ZAFIRA I 1.8 I 05/1999...08/2000	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
	42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	
HL 18119 											
PL 19219 											
PL 19738 											



Ø 81,6 **22**

C 25 XE, X 25 XE V 6 Benzin, 2498 cm³, 125 - 143 kW (170 - 194 PS), 10,8:1, 24 Ventile	59,436	72,000	24,500	1,989			M157	0,000	FL 20617	1	011 HS 20618 000 025
	60,706	72,013		1,995				0,250			
CALIBRA 2.5 I 04/1993...07/1997		72,000	19,850	1,989			M916	0,000	HL 20615	1	
CAVALIER III 2.5 08/1988...06/1994		72,013	20,100	1,995				0,250			
OMEGA 2.5 03/1994...09/2000		72,000	16,800	1,989			M916	0,000	HL 20616	2	
VECTRA I 2.5 I 09/1995...08/2000		72,013	17,000	1,995				0,250			
VECTRA I 2.5 I GSI 03/1998...07/2000	48,971	52,000	16,100	1,49		0,021	M916	0,000	PL 20521	6	011 PS 20522 000 025 050
	48,987	52,012	16,300	1,496		0,061		0,250			

Ø 81,6 **23**

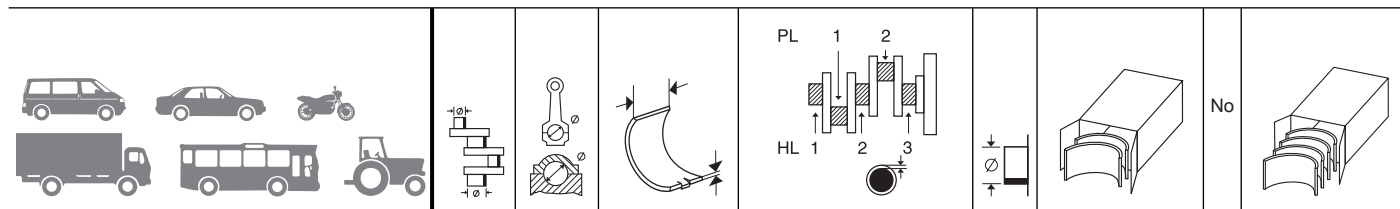
X 1.8 XE R 4 Benzin, 1796 cm³, 85 kW (115 PS), 10,8:1, 4 Ventile	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000 025 050	
	57,995	62,013		1,995		0,067		0,250				
VECTRA I 1.8 I 10/1995...09/2000	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4		
	57,995	62,013				0,067		0,250				
	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18727	4	011 PS 18724 000 025	
	48,987	52,012				0,067		0,250				
	HL 18119											

Ø 82 **24**

Z 19 DTH, Euro 4 R 4 Diesel, 1910 cm³, 110 kW (150 PS), 17,5:1, Turbo, LLK, 16 Ventile	50,787	53,897	19,250	1,654		0,018	M114	0,254	007 PL 20485 210	4	007 PS 20486 210
	50,805	53,909	19,500	2,714		0,068					
ASTRA V 1.9 CDTI 01/2004...11/2010											
ASTRAVAN V 1.9 CDTI 03/2005...11/2011											
SIGNUM 1.9 CDTI 04/2004...03/2008											
VECTRA II 1.9 CDTI 04/2004...08/2008											
ZAFIRA II 1.9 CDTI 07/2005...											

Ø 82,5 **25**

17 D R 4 Diesel, 1699 cm³, 42 kW (57 PS), 23:1, 8 Ventile	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000 025 050	
	57,995	62,013		1,995		0,067		0,250				
ASTRA II 1.7 D 01/1989...12/1991	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4		
CAVALIER III 1.7 D 09/1988...09/1992	57,995	62,013				0,067		0,250				
17 DR, 17 DR R 4 Diesel, 1700 cm³, 42 - 44 kW (57 - 60 PS), 23:1, 8 Ventile	57,974	62,000	25,950	2,126		0,075	M114	0,250	FL 19758	1	011 HS 19558 025	
	57,995	62,013	26,002			0,150						
ASTRA II 1.7 D 01/1989...08/1991	57,974	62,000	19,500	2,126		0,015	M114	0,250	HL 19757	4		
ASTRAVAN III 1.7 D 01/1991...08/1994	57,995	62,013				0,069						
CAVALIER III 1.7 D 07/1992...11/1995	48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18727	4		
	48,987	52,012				0,067		0,250				
	48,971	52,000	19,300	1,484		0,019	M100	0,000	PL 19737	4		
	48,987	52,012				0,067		0,250				
	HL 18119											
	FL 19758											
	HL 19757											



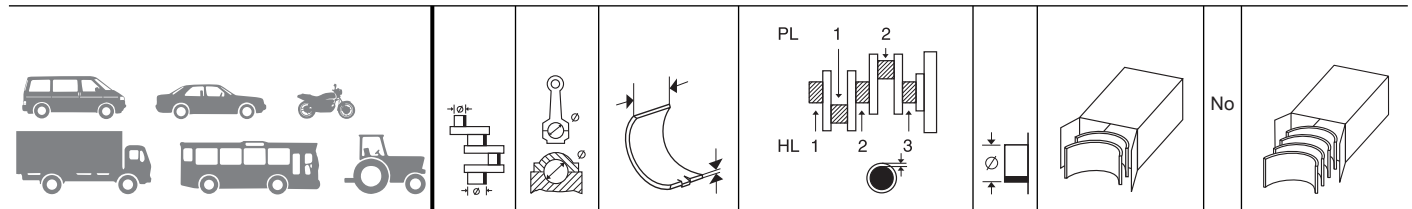
Ø 82,5											26
X 17 DTL, X 17 DTL R 4 Diesel, 1699 cm³, 50 kW (68 PS), 22:1, Turbo, LLK, 8 Ventile ASTRA IV 1.7 TD 02/1998...08/2000 ASTRAVAN III 1.7 TD 01/1994...08/1998 ASTRAVAN IV 1.7 TD 08/1998...08/2006	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000 025 050 <small>405) 14310408</small>
	57,995	62,013		1,995		0,067		0,250			
	57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4	
	57,995	62,013				0,067		0,250			
57,974	62,000	25,950	2,126		0,075	M114	0,250	FL 19758	1	011 HS 19558 025 <small>405) 14310408</small>	
57,995	62,013	26,002			0,150						
57,974	62,000	19,500	2,126		0,015	M114	0,250	HL 19757	4		
57,995	62,013				0,069						
HL 18119											
FL 19758											
HL 19757											

Ø 82,7											27
F4R 720 R 4 Benzin, 1998 cm³, 88 kW (120 PS) VIVARO 2.0 08/2001...12/2006	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000 010

Ø 84											28
X 20 DTH, X 20 DTL, Y 20 DTH, Y 20 DTL R 4 Diesel, 1995 cm³, 60 - 74 kW (82 - 101 PS), 18,5:1, 16 Ventile ASTRA IV 2.0 DTI 02/1998...05/2005 ASTRAVAN IV 2.0 DI 08/1998...08/2006 ASTRAVAN IV 2.0 DTI 04/2004...08/2006 OMEGA 2.0 DTI 01/1998...09/2000 SIGNUM 2.0 DTI 05/2003... VECTRA I 2.0 DI 08/1995...10/2001 VECTRA II 2.0 DTI 04/2002...10/2008 ZAFIRA I 2.0 DI 10/1999... ZAFIRA I 2.0 DTI 04/1999...08/2005	28,995	32,000	26,800				M5	Semi	BB 19459	4	011 BS 19562 300
	29,000	32,051									
67,980	72,000	25,900	1,995		0,014	M157	0,000	FL 19496	1	011 HS 19561 000	
67,996	72,013				0,059						
67,980	72,000	19,250	1,995		0,014	M23	0,000	HL 19461	4		
67,996	72,013	19,500			0,059						
X 22 DTH, Y 22 DTH R 4 Diesel, 2171 cm³, 85 - 88 kW (116 - 120 PS), 18,5:1, 16 Ventile FRONTERA II 2.2 DTI 10/1998...09/2004 OMEGA 2.2 DTI 08/2000...03/2004 SINTRA 2.2 DTI 07/1997...04/1999											
Y 22 DTR R 4 Diesel, 2172 cm³, 92 kW (125 PS), 18,5:1, 16 Ventile SIGNUM 2.2 DTI 05/2003... VECTRA I 2.2 DTI 08/1995...10/2001 VECTRA II 2.2 DTI 04/2002...10/2008 ZAFIRA I 2.2 D 06/2001...06/2005											

Ø 84,8											29.1
1.8 SE, 1.8 SEH R 4 Benzin, 1795 cm³, 82 - 85 kW (112 - 116 PS), 10:1 ASTRA II 1.8 01/1986...12/1990 ASTRA II 1.8 GTE 09/1984...08/1991 CARLTON III 1.8 I 09/1986...03/1994 CAVALIER II 1.8 I 09/1981...10/1988	57,982	62,000	25,900	1,982		0,015	M114	0,000	FL 18120	1	011 HS 18118 000 025 050
	57,995	62,013		1,995		0,067		0,250			
57,982	62,000	19,500	1,995		0,015	M114	0,000	HL 18119	4		
57,995	62,013				0,067		0,250				
48,971	52,000	19,300	1,50		0,013	M114	0,000	PL 18121	4	011 PS 18122 000 025 050	
48,987	52,012				0,067		0,250				

Fortsetzung nächste Seite / Continued on next page



Ø 84,8 - Fortsetzung / Continued

29.2

18 E, 18 S, 18 SV R 4 Benzin, 1796 cm ³ , 66 - 85 kW (90 - 116 PS), 9,2:1 - 10:1, 8 Ventile ASTRA I 1.8 03/1983...08/1986 ASTRA II 1.8 GTE 09/1984...08/1991 CARLTON II 1.8 S 11/1982...08/1986 CARLTON III 1.8 S 09/1986...03/1994 CAVALIER II 1.8 I 09/1981...08/1988 CAVALIER III 1.8 09/1988...08/1995 C 18 NZ R 4 Benzin, 1798 cm ³ , 66 kW (90 PS), 9,2:1, 8 Ventile CAVALIER III 1.8 09/1988...08/1995 CAVALIER III 1.8 I KAT 03/1990...11/1995	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250	PL 18727	4	011 PS 18724 000 025
	HL 18119										

Ø 84,8

30

18 NV, C 18 NE R 4 Benzin, 1796 cm ³ , 60 - 74 kW (82 - 100 PS), 9:1, 8 Ventile CARLTON III 1.8 N 09/1986...08/1987 CAVALIER II 1.8 I 01/1985...08/1986	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250	PL 18727	4	011 PS 18724 000 025
HL 18119											

Ø 85

31

16 N (CIH) R 4 Benzin, 1584 cm ³ , 44 kW (60 PS), 8,2:1, 8 Ventile CAVALIER I 1.6 N 03/1975...08/1975	51,971 51,987	55,000 55,012	19,610	1,449		0,020 0,059	M157	0,000 0,250 0,500	PL 19739	4	011 PS 19564 000 025 050
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Ø 86

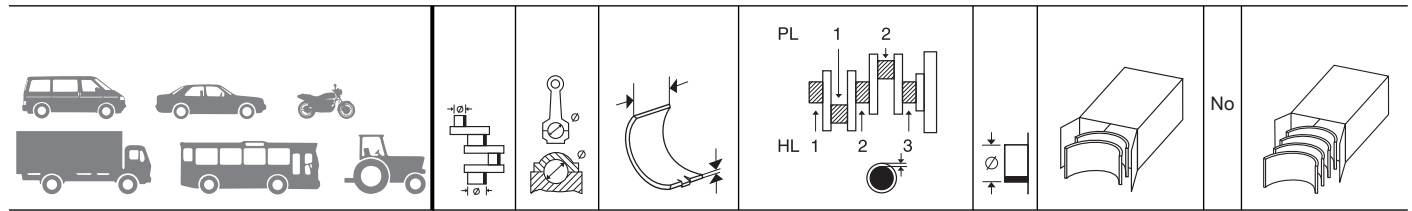
32

20 NE R 4 Benzin, 1998 cm ³ , 85 kW (115 PS), 9,2:1, 8 Ventile ASTRA II 1.9 09/1986...08/1991 CAVALIER II 2.0 I 09/1986...08/1988 CAVALIER III 2.0 I 09/1988...10/1992	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	19,300	1,50		0,013 0,067	M114	0,000 0,250	PL 18727	4	011 PS 18724 000 025
HL 18119											

Ø 86

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20 SE, 20 SE, 20 SEH, 20 XE, 20 XE, C 20 LET, C 20 NE, C 20 NEF, C 20 NEJ, C 20 XE, X 2.0 SE, X 2.0 XEV R 4 Benzin, 1998 cm ³ , 73 - 150 kW (99 - 204 PS), 9,1:1 - 10,8:1, 8 Ventile ASTRA II 1.9 09/1990...08/1991 ASTRA II 2.0 09/1986...08/1991 ASTRA II 2.0 I KAT 01/1991...08/1993 ASTRA IV 2.0 02/1998...05/2005 CALIBRA 2.0 I 06/1990...07/1997 CALIBRA 2.0 TURBO 03/1992...07/1997 CARLTON II 2.0 S 10/1978...08/1986 CARLTON III 2.0 09/1986...03/1994 CAVALIER II 2.0 I 09/1986...08/1988 CAVALIER II 2.0 SRI 03/1987...08/1988 CAVALIER III 2.0 I 09/1988...11/1995 CAVALIER III 2.0 I KAT 09/1990...11/1995 FRONTERA I 2.0 03/1992...10/1998 OMEGA 2.0 03/1994...02/2001 VECTRA I 2.0 I 10/1995...01/2001	57,982 57,995	62,000 62,013	25,900	1,982 1,995		0,015 0,067	M114	0,000 0,250 0,500	FL 18120	1	011 HS 18118 000 025 050
	57,982 57,995	62,000 62,013	19,500	1,995		0,015 0,067	M114	0,000 0,250 0,500	HL 18119	4	
	48,971 48,987	52,000 52,012	20,300	1,50		0,020 0,066	M114	0,000	PL 19224	4	011 PS 19225 000
HL 18119											



Ø 89											41
G9U 630, G9U 632 R 4 Diesel, 2464 cm³, 84 - 107 kW (114 - 146 PS), 18:1 - 18,1:1, 16 Ventile	63,250	78,550		2,30			M157	0,000	AL 20324	2	021 AS 20325 000
	63,500	78,800		2,35							
MOVANO I 2.5 CDTI 02/2003...05/2010 VIVARO 2.5 CDTI 04/2003...08/2006 VIVARO 2.5 DTI 04/2004...	31,013	33,607	25,410				M100	Semi	BB 20294	4	021 BS 20295 300
	31,020	33,607	25,910								
G9U 720, G9U 724, G9U 730, G9U 750, G9U 754 R 4 Diesel, 2463 cm³, 73 - 107 kW (99 - 146 PS), 17,8:1 - 21:1, 16 Ventile	57,990	61,668	20,740	1,81			M920	0,000	HL 20296	5	021 HS 20297 000
	58,000	61,681	20,990	1,816				0,250			025
MOVANO I 2.5 CDTI 10/2001...05/2010 VIVARO 2.5 CDTI 04/2003...07/2006 VIVARO 2.5 DTI 04/2004...	52,971	56,587	20,400	1,782		0,015	M157	0,000	PL 20292	4	021 PS 20293 000
	52,990	56,606	20,650	1,792		0,069		0,250			025

Ø 92											42
23 D, 23 DTR, 23 TD, 23 TD, 23 YDT R 4 Diesel, 2260 cm³, 48 - 74 kW (65 - 100 PS), 22:1 - 23:1, 8 Ventile	27,200	31,000	34,250				M100	Semi	BB 19447	4	011 BS 19572 300
	27,320	31,025									
CARLTON II 2.3 D 05/1983...08/1986 CARLTON III 2.2 TD 09/1986...08/1988 CARLTON III 2.3 TD INTERC. 08/1988...03/1994 FRONTERA I 2.3 TD 03/1992...10/1998 ROYALE 2.2 TD 11/1984...08/1987	29,200	33,000	34,250				M100	Semi	BB 19445	4	011 BS 19573 300
	29,320	33,025									
	57,987	62,000	29,420	1,987		0,026	M114	0,000	FL 18305	1	011 HS 18200 000
	58,000	62,013				0,077		0,250			025
	57,987	62,000	24,500	1,987		0,026	M114	0,000	HL 18301	4	
	58,000	62,013				0,077		0,250			
		49,500	18,000				M23	Semi	NB 19460	4	011 NS 19571 300
		49,525									
	53,971	57,000	25,500	1,485		0,043	M114	0,000	PL 18201	4	011 PS 18202 000
	53,987	57,012				0,096		0,250			025

Ø 92											43
23 YD R 4 Diesel, 2260 cm³, 54 kW (73 PS), 22:1 CARLTON III 2.3 D 09/1986...03/1994	57,987	62,000	29,420	1,987		0,026	M114	0,000	FL 18305	1	011 HS 18200 000
	58,000	62,013				0,077		0,250			025
	57,987	62,000	24,500	1,987		0,026	M114	0,000	HL 18301	4	
	58,000	62,013				0,077		0,250			
	53,971	57,000	25,500	1,485		0,043	M114	0,000	PL 18201	4	011 PS 18202 000
	53,987	57,012				0,096		0,250			025

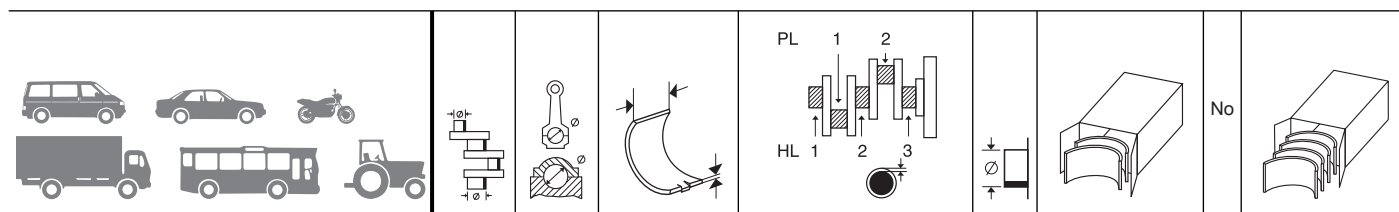
Ø 92											44
28 H R 6 Benzin, 2784 cm³, 103 - 107 kW (140 - 146 PS), 9,1:1 ROYALE 2.8 02/1978...10/1982	57,987	61,999	27,450	1,986		0,026	M114	0,000	FL 19741	1	011 HS 19760 000
	58,000	62,014	27,510			0,076		0,250			025
	57,987	62,000	22,430	1,989		0,026	M157	0,000	HL 19740	6	
	58,000	62,013				0,076		0,250			050
	51,971	55,000	19,610	1,449		0,020	M157	0,000	PL 19739	6	011 PS 19759 000
	51,987	55,012				0,059		0,250			025
								0,500			050

Ø 93											45
19 S R 4 Benzin, 1897 cm³, 65 - 66 kW (88 - 90 PS), 8,8:1, 8 Ventile CAVALIER I 1.9 S 10/1975...03/1978	51,971	55,000	19,610	1,449		0,020	M157	0,000	PL 19739	4	011 PS 19564 000
	51,987	55,012				0,059		0,250			025
								0,500			050

Ø 93											46
S8U 770 R 4 Diesel, 2499 cm³, 59 kW (80 PS), 22,5:1 MOVANO I 2.5 D 10/1998...09/2000	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							
	86,182	90,588	30,870	2,164	5	0,032	M114	0,000	FL 20358	1	007 HS 20359 200
	86,208	90,614	30,950	2,174		0,104		0,254			210
								0,508			220
								0,762			230
	80,182	84,588	23,550	2,164	1,2,3,4	0,032	M114	0,000	HL 20357	4	
	80,208	84,614	23,800	2,174		0,102		0,254			
								0,508			
								0,762			
	56,520	60,333	24,450	1,988		0,028	M900	0,254	PL 20349	4	007 PS 20350 210
	56,535	60,345	24,700	3,048		0,075					

Ø 94,4											47.1
S9W 702 R 4 Diesel, 2799 cm³, 84 kW (114 PS), 19:1 MOVANO I 2.8 TDI 10/1998...10/2001	31,990	34,895	30,200	1,70			M5	Semi	BB 20393	4	007 BS 20394 300
	31,996	34,920	30,700	1,75							⁴⁰³⁾ 344183

Fortsetzung nächste Seite / Continued on next page



Ø 94,4 - Fortsetzung / Continued

47.2

S9W 702 R 4 Diesel, 2799 cm³, 84 kW (114 PS), 19:1 MOVANO I 2.8 TDI 10/1998...10/2001	86,182 86,208	90,588 90,614	30,870 30,950	2,164 2,174	5	0,032 0,104	M114	0,000 0,254 0,508 0,762	FL 20358	1	007 HS 20359 200 210 220 230
	80,182 80,208	84,588 84,614	23,550 23,800	2,164 2,174	1,2,3,4	0,032 0,102	M114	0,000 0,254 0,508 0,762	HL 20357	4	
	76,171 76,200	80,587 80,616	31,900 31,950	2,164 2,174	5.	0,032 0,104	M900	0,000 0,254 0,508	FL 20369	1	007 HS 20370 200 210 220
	76,171 76,200	80,587 80,616	24,610 24,990	2,164 2,174	1.2.3.4.	0,039 0,117	M900	0,000 0,254 0,508	HL 20368	4	
	76,187 76,200	80,587 80,607	31,880 31,950	2,159 2,172	5.	0,043 0,094	M900	0,000 0,254 0,508	FL 20378	1	007 HS 20379 200 210 220
	76,187 76,200	80,587 80,607	24,600 25,000	2,163 2,172	1.2.3.4.	0,043 0,094	M900	0,000 0,254 0,508	HL 20377	4	
	56,506 56,534	60,333 60,348	24,430 24,690	1,875 1,884		0,031 0,092	M900	0,000 0,254 0,508	PL 20181	4	007 PS 20182 200 210 220
	56,520 56,535	60,333 60,345	24,450 24,700	1,889 1,899		0,028 0,075	M900	0,000 0,254 0,508	PL 20223	4	
56,520 56,535	60,333 60,345	24,450 24,700	1,861 1,871		0,028 0,075	M900	0,000 0,254	PL 20349	4	007 PS 20350 200 210	
PL 20223											

Ø 95

48

20 E, 20 S R 4 Benzin, 1979 cm³, 74 kW (100 PS), 8 Ventile CARLTON II 1.9 09/1977...08/1986 CARLTON II 2.0 I 01/1983...12/1984 CAVALIER I 2.0 08/1977...08/1981 CAVALIER II 2.0 08/1986...08/1987	51,971 51,987	55,000 55,012	19,610	1,449		0,020 0,059	M157	0,000 0,250 0,500	PL 19739	4	011 PS 19564 000 025 050
	22 E, 22 E R 4 Benzin, 2197 cm³, 85 kW (115 PS), 9,4:1 CARLTON II 2.2 I 11/1984...08/1986 ROYALE 2.2 11/1984...08/1987										

Ø 95

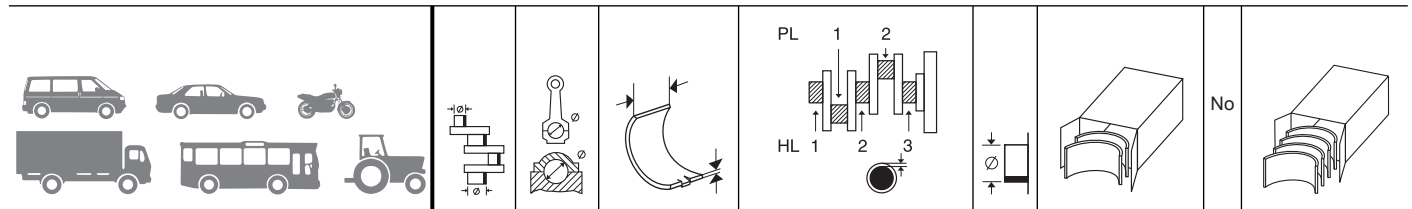
49

30 E, 30 H, 30 H, 30 NE, C 30 SE R 6 Benzin, 2969 cm³, 110 - 150 kW (150 - 204 PS), 9,3:1 - 10:1, 12 Ventile CARLTON III 3.0 03/1987...03/1994 ROYALE 2.9 02/1978...12/1986 ROYALE 3.0 10/1979...10/1982 SENATOR I 3.0 I 09/1984...12/1986 SENATOR II 3.0 01/1988...09/1990	57,987 58,000	61,999 62,014	27,450 27,510	1,986		0,026 0,076	M114	0,000 0,250 0,500	FL 19741	1	011 HS 19760 000 025 050
	57,987 58,000	62,000 62,013	22,430	1,989		0,026 0,076	M157	0,000 0,250 0,500	HL 19740	6	
C 30 LE R 6 Benzin, 2968 cm³, 115 kW (156 PS), 12 Ventile ROYALE 2.9 09/1985...08/1987											

Ø 95

50

C 24 NE R 4 Benzin, 2410 cm³, 92 kW (125 PS), 9,2:1, 8 Ventile CARLTON III 2.4 I 09/1988...03/1994 FRONTERA I 2.4 I 03/1992...10/1998	51,971 51,987	55,000 55,012	19,610	1,624		0,020 0,068	M114	0,250	PL 19449	4	011 PS 19565 025
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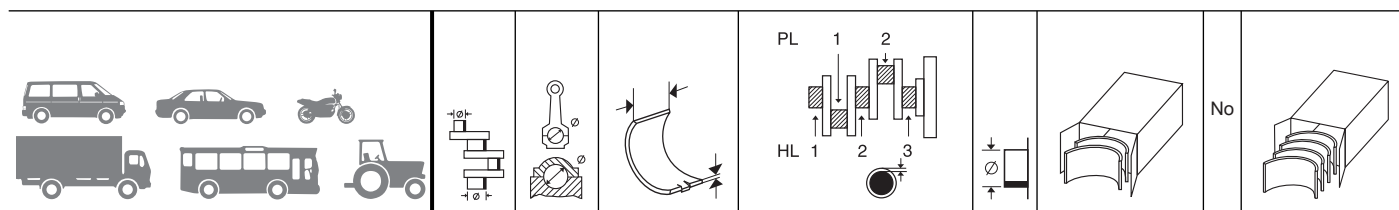


Ø 95 **51**

C 30 LE, C 30 NE, C 30 SE, C 30 SEJ R 6 Benzin, 2969 cm ³ , 115 - 150 kW (156 - 204 PS), 8,5:1 - 10:1, 12 Ventile CARLTON III 3.0 03/1987...03/1994 CARLTON III 3.0 KAT 03/1988...03/1994 SENATOR II 3.0 09/1987...09/1993 SENATOR II 3.0 I 09/1989...09/1993 SENATOR II 3.0 I KAT 01/1988...09/1993	57,987	61,999	27,450	1,986		0,026	M114	0,000	FL 19741	1	011 HS 19760 000 025 050
	58,000	62,014	27,510			0,076		0,250			
57,987 62,000 22,430 1,989 58,000 62,013						0,026	M157	0,000	HL 19740	6	
51,971 55,000 19,610 1,449 51,987 55,012						0,020	M157	0,000	PL 19739	6	011 PS 19759 000 025 050

Ø 95,4 **52**

4 JG2 T, 4 JG2TC, 4 JG2TC R 4 Diesel, 3059 cm ³ , 80 - 85 kW (109 - 116 PS), 20:1, 8 Ventile BRAVA 3.1 D 07/1991...07/2001 MONTEREY I 3.1 TD 09/1991...07/1998	69,920	73,975	23,030	2,129		0,037	M780	0,250	HL 19899	5	629 HS 19895 025
69,930	74,000					0,098					



VOLVO

Ø 70											1
B 10 E R 4 Benzin, 1108 cm³, 33 - 35 kW (45 - 48 PS), 8,5:1, 8 Ventile	43,960 43,980	47,614 47,625	17,625	1,80 1,806		0,022 0,065	M157	0,000 0,250 0,500	PL 18158	4	021 PS 18159 000 025 050

PL 18158



Ø 73											2
B 13, B 130 R 4 Benzin, 1289 cm³, 42 kW (57 PS), 8 Ventile 340 1.3 01/1989...12/1990 66 GL 1.3 08/1975...11/1979	43,960 43,980	47,614 47,625	17,625	1,80 1,806		0,022 0,065	M157	0,000 0,250 0,500	PL 18158	4	021 PS 18159 000 025 050

PL 18158



Ø 75											3
D 4164 T R 4 Diesel, 1560 cm³, 80 kW (109 PS), 18,3:1 C30 1.6 D 10/2006... S80 II 1.6 D 01/2010... V50 1.6 D 01/2005...	71,350 71,700	55,200 55,480		2,40 2,45			M218	0,000	AL 21042	2	039 AS 21056 000
	49,962 49,981	53,655 53,674	19,668 19,918	1,831 1,837			M920	0,000 0,300	HL 21052	5	039 HS 21053 000 030
	46,975 46,991	50,655 50,674	16,750 17,000	1,81 1,82		0,035 0,086	M331	0,000 0,300	PL 21022	4	039 PS 21023 000 030

PL 21022



Ø 76											4
B 14 R 4 Benzin, 1397 cm³, 50 - 53 kW (68 - 72 PS), 9,3:1, 8 Ventile 340 1.4 08/1975...12/1988	62,500 62,750	79,750 80,000		2,85			M817	0,000 0,100	AL 19988	2	021 AS 20003 000 010
	54,784 54,805	58,731 58,750	19,500	1,95		0,026 0,090	M157	0,000 0,250	HL 20016	5	021 HS 20004 000 025

Ø 76											5
B 14.3 E R 4 Benzin, 1397 cm³, 46 - 53 kW (63 - 72 PS), 9,2:1, 8 Ventile 340 1.4 08/1979...12/1986	62,500 62,750	79,750 80,000		2,85			M817	0,000 0,100	AL 19988	2	021 AS 20003 000 010
	54,784 54,805	58,731 58,750	19,500	1,95		0,026 0,090	M157	0,000 0,250	HL 20016	5	021 HS 20004 000 025
	43,960 43,980	47,614 47,625	17,625	1,80 1,806		0,022 0,065	M157	0,000 0,250 0,500	PL 18158	4	021 PS 18159 000 025 050

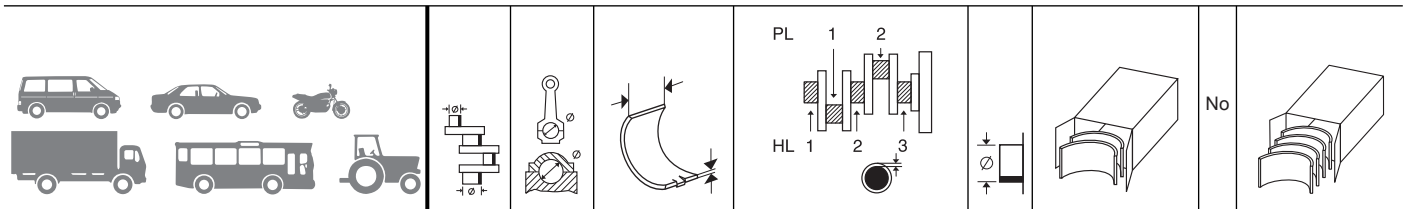
PL 18158



Ø 76,5											6.1
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D 24, D 24 TD, D 24 TIC R 6 Diesel, 2383 cm³, 60 - 95 kW (82 - 129 PS), 23:1, Hub 90mm	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
240 2.4 DIESEL 08/1978...08/1993	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
740 2.4 D 08/1984...07/1990											
740 2.4 DIESEL 08/1984...07/1992	23,994	27,000	25,000	1,70		0,016	M100	Semi	BB 18080	6	029 BS 18828 300
740 2.4 TD 08/1985...07/1992	24,000	27,021		1,78		0,029					
740 2.4 TD INTERC. 08/1986...10/1988	57,958	63,000	18,500	2,502	1.-7.	0,016	M900	0,000	HL 18817	7	029 HS 18814 000
760 2.4 D 01/1982...07/1992	57,978	63,019				0,079		0,500			050
760 2.4 TD 08/1982...07/1992											
760 2.4 TD INTERC. 08/1987...07/1992											
780 2.4 D 04/1986...07/1990											
940 2.4 D 08/1990...07/1995											
940 2.4 TD 08/1990...10/1998											
960 2.4 TD INTERC. 09/1991...07/1994											

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

6.2

D 24, D 24 TD, D 24 TIC R 6 Diesel, 2383 cm³, 60 - 95 kW (82 - 129 PS), 23:1, Hub 90mm 240 2.4 DIESEL 740 2.4 D 740 2.4 DIESEL 740 2.4 TD 740 2.4 TD INTERC. 760 2.4 D 760 2.4 TD 760 2.4 TD INTERC. 780 2.4 D 940 2.4 D 940 2.4 TD 960 2.4 TD INTERC.	08/1978...08/1993	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.7	0,016 0,079	M900	0,000 0,250 0,500 0,750 1,000	HL 18817	6	029 HS 18816 000 025 050 075 100	
	08/1984...07/1990 08/1984...07/1992 08/1985...07/1992 08/1986...10/1988 01/1982...07/1992 08/1982...07/1992 08/1987...07/1992	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.		0,016 0,079	M114	0,000 0,250 0,500 0,750 1,000	FL 18818	1	
	04/1986...07/1990 08/1990...07/1995 08/1990...10/1998 09/1991...07/1994	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406			0,012 0,067	M114	0,000 0,250 0,500	PL 19903	6	029 PS 19906 000 025 050
PL 19903													

Ø 78

7

D 16 R 4 Diesel, 1596 cm³, 40 kW (54 PS), 22,5:1, 8 Ventile 340 1.6 DIESEL	08/1984...07/1991	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
		54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19986	5	021 HS 20010 000 025 050
		40,425 40,450	43,500 43,525	19,250	1,50			M250	0,000	LB 19982	1	021 LS 19992 000
		39,500 39,525	42,500 42,525	12,500	1,50			M250	0,000	LB 19983	1	
		48,000 48,020	51,587 51,600	20,250 20,500	1,76 1,768			0,031 0,084	M157	0,000	PL 19980	4
HL 19986												
PL 19980												

Ø 80

8

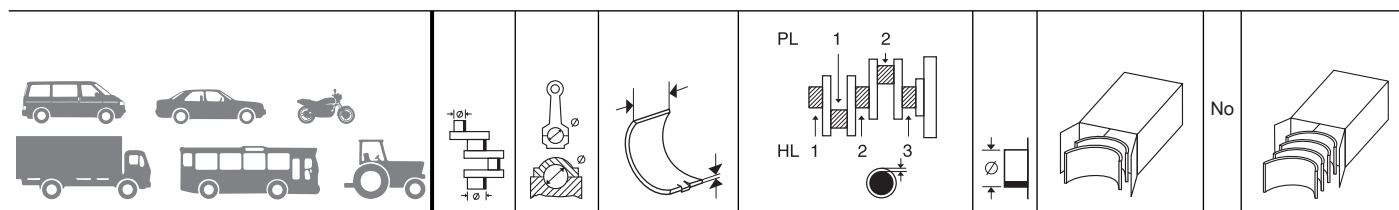
D 19 T R 4 Diesel, 1870 cm³, 66 kW (90 PS), 20,5:1, 8 Ventile 440 1.9 TD 460 1.9 TD	07/1994...12/1996 07/1994...07/1996	60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010
		54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19986	5	021 HS 20010 000 025 050

Ø 80

9.1

D 4172 T R 4 Diesel, 1873 cm³, 60 - 85 kW (82 - 115 PS)		60,750	80,000		2,35			M817	0,000 0,100	AL 19991	2	021 AS 20009 000 010	
		54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19986	5	021 HS 20010 000 025 050	
		54,785 54,795	58,731 58,744	18,500	1,945	1.-5.	0,046 0,094	M157	0,000 0,250 0,500	HL 19987	5	021 HS 20012 000 025 050	
		40,425 40,450	43,500 43,525	19,250	1,50			M250	0,000	LB 19982	1	021 LS 19992 000	
		39,500 39,525	42,500 42,525	12,500	1,50			M250	0,000	LB 19983	1		
		48,000 48,020	51,587 51,600	20,250 20,500	1,755 1,768			0,030 0,090	M780	0,000	PL 19975	4	021 PS 19994 000
		48,000 48,020	51,587 51,600	20,250 20,500	1,76 1,768			0,031 0,084	M157	0,000	PL 19980	4	021 PS 20001 000

Fortsetzung nächste Seite / Continued on next page



Ø 80 - Fortsetzung / Continued

9.2

D 4172 T R 4 Diesel, 1873 cm ³ , 60 - 85 kW (82 - 115 PS)	48,000	51,587	20,500	1,768			0,031	M157	0,000	PL 19981	4	021 PS 20002 000
	48,020	51,600					0,089		0,250			025
HL 19986												
HL 19987												
PL 19975												
PL 19980												
PL 19981												

Ø 80

11

D 4192 T, D 4192 T2 R 4 Diesel, 1870 cm ³ , 66 - 70 kW (90 - 95 PS), 19:1, Turbo, 8 Ventile V40 1.9 DI V40 1.9 TD	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000	
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	021 HS 20010 000	
03/1999...07/2000	54,795	58,744				0,094		0,250			025	
07/1995...08/1999								0,500			050	
	48,000	51,587	20,250	1,755		0,030	M780	0,000	PL 19975	4	021 PS 19994 000	
	48,020	51,600	20,500	1,768		0,090						
HL 19986												
PL 19975												

Ø 81

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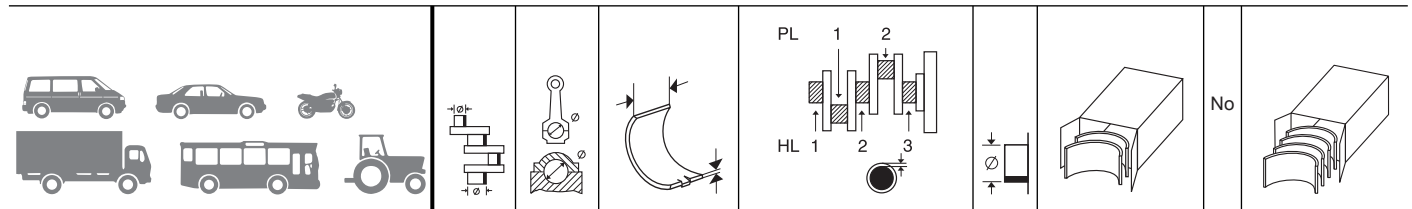
B 172, B 18 E, B 18 EP, B 18 F, B 18 FP, B 18 FT, B 18 K, B 18 KD, B 18 KP R 4 Benzin, 1721 cm ³ , 58 - 90 kW (79 - 122 PS) 340 1.7 440 1.7 440 1.7 I 460 1.7 460 1.7 I 460 1.7 TURBO 480 1.7 480 1.7 TURBO	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	021 HS 20010 000
08/1985...07/1991	54,795	58,744				0,094		0,250			025
09/1988...12/1996								0,500			050
08/1988...12/1996											
09/1988...07/1996											
08/1989...07/1992											
08/1989...07/1996											
04/1986...07/1990											
08/1987...07/1996											

Ø 82,7

12.1

B 18 U R 4 Benzin, 1794 cm ³ , 66 kW (90 PS), 9,7:1, 8 Ventile 440 1.8 460 1.8 I	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	021 HS 20010 000
08/1991...12/1996	54,795	58,744				0,094		0,250			025
08/1991...07/1996								0,500			050
	43,990	47,612	23,930	1,813		0,020	M157	0,000	FL 19985	1	021 HS 20011 000
	44,010	47,625				0,064					
	43,990	47,612	18,550	1,813		0,020	M157	0,000	HL 19984	4	
	44,010	47,625	18,800			0,064					

Fortsetzung nächste Seite / Continued on next page



Ø 82,7 - Fortsetzung / Continued

12.2

B 18 U R 4 Benzin, 1794 cm ³ , 66 kW (90 PS), 9,7:1, 8 Ventile 440 1.8 460 1.8 l 08/1991...12/1996 08/1991...07/1996	40,425	43,500	19,250	1,50			M250	0,000	LB 19982	1	021 LS 19992 000
	40,450	43,525									
	39,500	42,500	12,500	1,50			M250	0,000	LB 19983	1	
	39,525	42,525									
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000
48,020	51,600	20,500	1,768		0,084						
48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000	
48,020	51,600				0,089		0,250				025
HL 19986											
HL 19984											
PL 19980											
PL 19981											

Ø 82,7

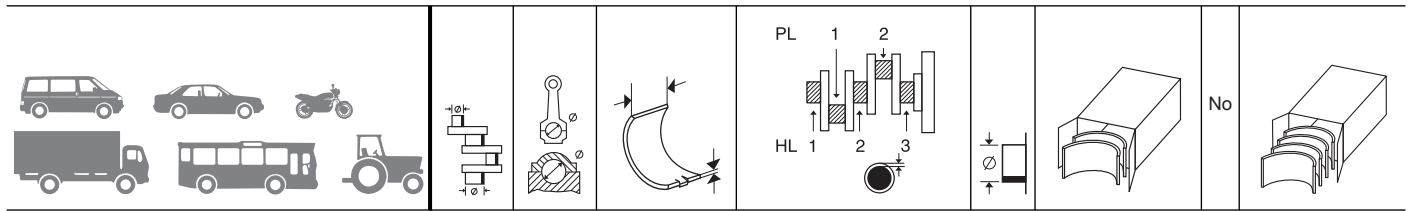
13

B 20 F R 4 Benzin, 1998 cm ³ , 80 - 85 kW (108 - 115 PS), 9,5:1, 8 Ventile 440 2.0 l 480 2.0 l 08/1992...07/1996 08/1992...09/1995	60,750	80,000		2,35			M817	0,000	AL 19991	2	021 AS 20009 000	
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	021 HS 20010 000	
	54,795	58,744				0,094		0,250				025
								0,500				050
	48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000	
48,020	51,600	20,500	1,768		0,084							
48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000		
48,020	51,600				0,089		0,250				025	
HL 19986												
PL 19980												
PL 19981												

Ø 85

14

D 4204 T, D 4204 T2 R 4 Diesel, 1998 cm ³ , 96 kW (131 PS), 18,5:1 - 19,5:1, Turbo, LLK, 4 Ventile C30 2.0 D C70 II 2.0 D S40 II 2.0 D S40 II 2.0 D4 S80 II 2.0 TDI V50 2.0 D V70 III 2.0 D	59,981	63,731	20,040	1,838		0,041	M157	0,000	HL 18018	5	007 HS 18019 000	
	60,000	63,750	20,290	1,845		0,103		0,300			030	
	67,050	83,050		2,33			M250	0,000	AL 19961	4	039 AS 19967 000	
	67,300	83,300										

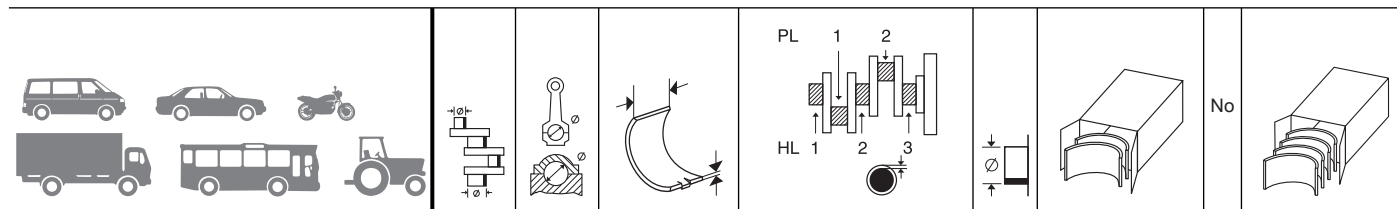


Ø 87,5											15	
B 4204 S3 R 4 Benzin, 1999 cm ³ , 107 kW (146 PS), 10,8:1, 4 Ventile S40 II 2.0 10/2006... S80 II 2.0 01/2008... V70 III 2.0 10/2007...	59,981	63,731	20,040	1,838			0,041	M157	0,000	HL 18018	5	007 HS 18019 000
	60,000	63,750	20,290	1,845			0,103		0,300			030
	67,050	83,050		2,33				M250	0,000	AL 19961	4	039 AS 19967 000
	67,300	83,300										

Ø 88,9											16	
B 20 F R 4 Benzin, 1985 cm ³ , 85 kW (116 PS), 10,2:1, 8 Ventile 140 2.0 S 09/1972...08/1975	60,750	80,000		2,35				M817	0,000	AL 19991	2	021 AS 20009 000
	54,785	58,731	18,500	1,945	1.-5.	0,046	M157	0,000	HL 19986	5	021 HS 20010 000	
	54,795	58,744				0,094		0,250	0,500			025
	43,990	47,612	23,930	1,813		0,020	M157	0,000	FL 19985	1	021 HS 20011 000	
	44,010	47,625				0,064						
	43,990	47,612	18,550	1,813		0,020	M157	0,000	HL 19984	4		
	44,010	47,625	18,800			0,064						
	40,425	43,500	19,250	1,50			M250	0,000	LB 19982	1	021 LS 19992 000	
	40,450	43,525										
	39,500	42,500	12,500	1,50			M250	0,000	LB 19983	1		
39,525	42,525											
48,000	51,587	20,250	1,76		0,031	M157	0,000	PL 19980	4	021 PS 20001 000		
48,020	51,600	20,500	1,768		0,084							
48,000	51,587	20,500	1,768		0,031	M157	0,000	PL 19981	4	021 PS 20002 000		
48,020	51,600				0,089		0,250					025
HL 19986												
HL 19984												
PL 19980												
PL 19981												

Ø 98,43											17.1		
D 60 A, D 61 ES, D 61 F, D 61 G, D 61 G, D 61 GA, D 61 GB, D 61 GC, D 61 GS, TD 60 A, TD 60 B, TD 60 C, TD 61 ES, TD 61 F, TD 61 G, TD 61 GA, TD 61 GB, TD 61 GC, TD 61 GS, TD 63 E, TD 63 ES, TD 63 ME R 6 Diesel, 5480 cm ³ , 88 - 154 kW (120 - 209 PS), 15:1 - 18,3:1 F 609 03/1975...02/1980 F 610 02/1980...10/1986 F 611 09/1975...02/1986 F 612 04/1983...12/1986 F 615 S 12/1978...10/1981 F 616 02/1981...02/1986 FL 608 10/1985...12/1999 FL 611 09/1985...03/2000 FL 612 09/1985...12/1999 FL 618 11/1991...03/2000 FL 619 09/1985...11/1994	85,090	104,390		3,073				M901	0,000	AL 18783	4	037 AS 18784 000	
	85,340	104,650		3,123									
	40,000	43,043	31,700					M114	Semi	BB 18809	6	037 BS 18810 300	
	40,004	43,068											
	76,146	81,051	26,240	2,402		0,061	M114	0,000	HL 18050	7	037 HS 18051 200		
	76,162	81,076	26,500	2,414		0,126		0,254				210	
								0,508					220
	63,449	67,323	34,000	1,902		0,056	M114	0,000	PL 18717	6	037 PS 18047 200		
	63,462	67,336				0,108							

Fortsetzung nächste Seite / Continued on next page



Ø 98,43 - Fortsetzung / Continued

17.2

D 60 A, D 61 ES, D 61 F, D 61 G, D 61 G, D 61 GA, D 61 GB, D 61 GC, D 61 GS, TD 60 A, TD 60 B, TD 60 C, TD 61 ES, TD 61 F, TD 61 G, TD 61 GA, TD 61 GB, TD 61 GC, TD 61 GS, TD 63 E, TD 63 ES, TD 63 ME R 6 Diesel, 5480 cm³, 88 - 154 kW (120 - 209 PS), 15:1 - 18,3:1 F 609 03/1975...02/1980 F 610 02/1980...10/1986 F 611 09/1975...02/1986 F 612 04/1983...12/1986 F 615 S 12/1978...10/1981 F 616 02/1981...02/1986 FL 608 10/1985...12/1999 FL 611 09/1985...03/2000 FL 612 09/1985...12/1999 FL 618 11/1991...03/2000 FL 619 09/1985...11/1994	63,449 63,462	67,323 67,336	34,000	1,902		0,056 0,108	M114	0,000 0,254	PL 18048	6	037 PS 18049 200 210
	BB 18809										
	PL 18717										
PL 18048											

Ø 104,77

18

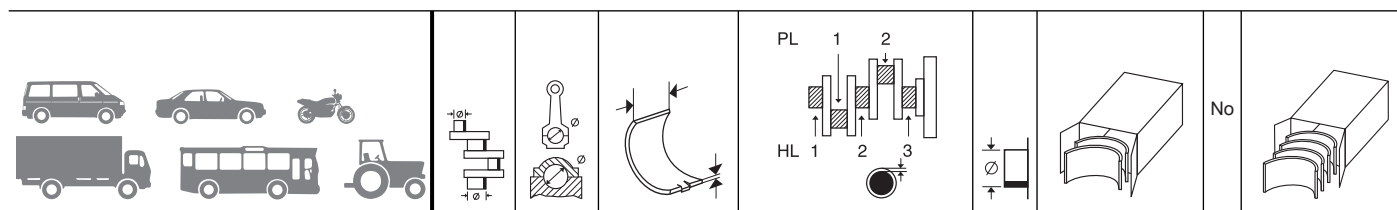
D7A260, D 7A 285, D7B 260, D7B 260, Euro 2 R 6 Diesel, 6700 cm³, 191 - 210 kW (260 - 285 PS), 18:1, Turbo, LLK, 12 Ventile FL 7/260 11/1991...09/1998 FL 7/290 10/1993...09/1998 FS 718/260 09/1994...03/1996	98,300 98,800	120,680 120,930		2,31 2,36			M250	0,000	AL 20092	4	038 AS 20093 000
	90,528 90,550	96,483 96,508	30,200 30,400	2,92 2,932		0,071 0,144	M780	0,000 0,250 0,500	HL 20090	7	038 HS 20091 000 025 050
	73,831 73,850	77,740 77,753	36,850 37,050	1,91 1,922			M114	0,000 0,250 0,500	PL 20731	6	038 PS 20732 000 025 050

Ø 104,77

19.1

MD 70, TD 70 F, TD 70 FS, TD 70 G, TD 73 E, TD 73 ES R 6 Diesel, 6700 cm³, 106 - 191 kW (144 - 260 PS), 14,5:1 - 17,6:1 F 7 08/1978...12/1985 FL 7/230 09/1985...09/1998 FL 7/260 11/1991...09/1998	90,150	112,820		2,31 2,36			M114	0,000	AL 18786	4	037 AS 18785 000
	45,000 45,004	49,887 49,912	37,900				M114	Semi	BB 18811	6	037 BS 18812 300
	82,535 82,550	88,483 88,508	30,600	2,935	1.-7.	0,063 0,127	M114	0,000 0,254 0,508	HL 18056	7	037 HS 18057 200 210 220
		28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
	69,840 69,850	73,740 73,753	37,100	1,912		0,066 0,113	M114	0,000 0,254 0,508 0,762 1,016	PL 18052	6	037 PS 18053 200 210 220 230 240
	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	

Fortsetzung nächste Seite / Continued on next page



Ø 104,77 - Fortsetzung / Continued

19.2

MD 70, TD 70 F, TD 70 FS, TD 70 G, TD 73 E, TD 73 ES R 6 Diesel, 6700 cm ³ , 106 - 191 kW (144 - 260 PS), 14,5:1 - 17,6:1 F 7 FL 7/230 FL 7/260	68,996	72,225	33,070				0,018	M23	Semi	NB 18084	1	038 NS 18085 300
	69,015	72,250	33,580				0,098					
	66,621	69,850	25,150				0,043	M23	Semi	NB 18112	1	
	66,640	69,875	25,650				0,073					
	64,233	67,462	25,150				0,018	M23	Semi	NB 18113	1	
	64,252	67,488	25,650				0,099					
	63,446	66,675	25,150				0,018	M23	Semi	NB 18114	1	
	63,465	66,700	25,650				0,098					
	61,058	64,287	25,150				0,018	M23	Semi	NB 18115	1	
	61,077	64,313	25,650				0,099					
60,271	63,500	25,150				0,018	M23	Semi	NB 18116	1		
60,290	63,525	25,650				0,098						
56,296	59,525	25,150				0,018	M23	Semi	NB 18117	1		
56,315	59,550	25,650				0,098						
PL 18052												

Ø 104,77

20

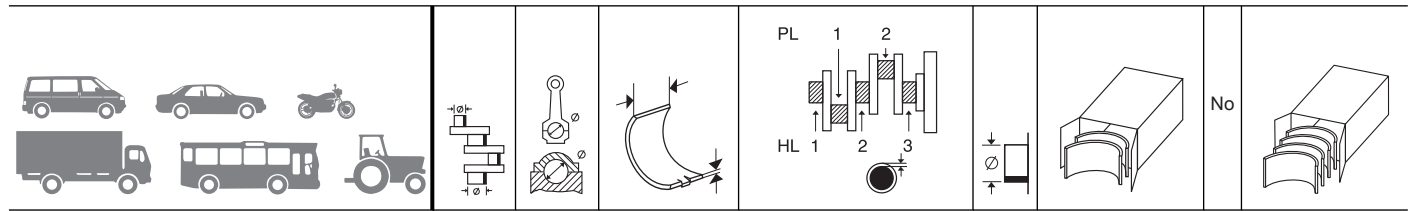
TAMD 70 A R 6 Diesel, 6730 cm ³ , 184 - 206 kW (250 - 280 PS), 14,5:1, Turbo, LLK, 2 Ventile	45,000	49,887	37,900					M114	Semi	BB 18811	6	037 BS 18812 300
	45,004	49,912										
TAMD 71 D R 6 Diesel, , Turbo, LLK, 2 Ventile												
TD 71 E, TD 71 FA, TD 71 FC, TD 71 FQ, TD 71 FQK, TD 71 GE R 6 Diesel, 6700 cm ³ , 169 - 173 kW (230 - 235 PS), 15,5:1, Turbo, 2 Ventile FL 7/230 09/1985...09/1998												

Ø 104,77

21.1

TD 70 B R 6 Diesel, 6700 cm ³ , 152 kW (207 PS), 15,5:1, Turbo F 86/207 08/1965...12/1974	90,150	112,820		2,31				M114	0,000	AL 18786	4	037 AS 18785 000	
	45,000	49,887	37,900					M114	Semi	BB 18811	6		037 BS 18812 300 01/1983...
	45,004	49,912											
	82,535	88,483	30,600	2,935	1.-7.	0,063	M114	0,000	HL 18056	7	037 HS 18057 200 210 220		
	82,550	88,508				0,127		0,254					
		28,175	22,960	1,73			M100	Semi	KB 18128	12	037 KS 18129 300		
		28,196		1,81									
	69,840	73,740	37,100	1,912		0,066	M114	0,000	PL 18052	6	037 PS 18053 200 210 220 230 240		
	69,850	73,753				0,113		0,254					
								0,508					
								0,762					
	69,840	73,740	37,100	1,912		0,066	M114	0,000	PL 18054	6	037 PS 18055 200 210 220		
	69,850	73,753				0,113		0,254					
								0,508					
								1,016					
	68,996	72,225	33,070			0,018	M23	0,000	NB 18084	1	038 NS 18085 000		
	69,015	72,250	33,580			0,098							
	66,621	69,850	25,150			0,043	M23	0,000	NB 18112	1			
	66,640	69,875	25,650			0,073							
64,233	67,462	25,150			0,018	M23	0,000	NB 18113	1				
64,252	67,488	25,650			0,099								
63,446	66,675	25,150			0,018	M23	0,000	NB 18114	1				
63,465	66,700	25,650			0,098								
61,058	64,287	25,150			0,018	M23	0,000	NB 18115	1				
61,077	64,313	25,650			0,099								
60,271	63,500	25,150			0,018	M23	0,000	NB 18116	1				
60,290	63,525	25,650			0,098								
56,296	59,525	25,150			0,018	M23	0,000	NB 18117	1				
56,315	59,550	25,650			0,098								

Fortsetzung nächste Seite / Continued on next page



Ø 104,77 - Fortsetzung / Continued

21.2

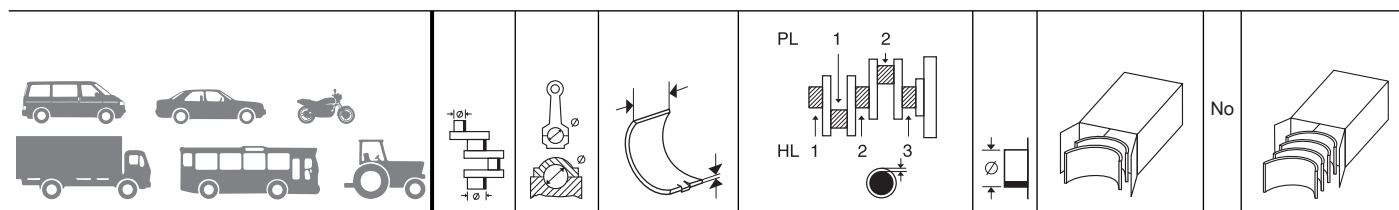
TD 70 B R 6 Diesel, 6700 cm³, 152 kW (207 PS), 15,5:1, Turbo F 86/207 08/1965...12/1974	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	
	PL 18052										
PL 18054											

Ø 104,77

22.1

TD 70 E, TD 70 ES R 6 Diesel, 6700 cm³, 154 - 166 kW (210 - 226 PS), 14,5:1, Turbo, 12 Ventile N 7 01/1973...09/1980	90,150	112,820		2,31 2,36			M114	0,000	AL 18786	4	037 AS 18785 000
	45,000 45,004	49,887 49,912	37,900				M114	Semi	BB 18811	6	037 BS 18812 300
	82,535 82,550	88,483 88,508	30,600	2,935	1.-7.	0,063 0,127	M114	0,000 0,254 0,508	HL 18056	7	037 HS 18057 200 210 220
		28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300 ⁴⁰³⁾ 92667
	69,840 69,850	73,740 73,753	37,100	1,912		0,066 0,113	M114	0,000 0,254 0,508 0,762 1,016	PL 18052	6	037 PS 18053 200 210 220 230 240 ⁴⁰³⁾ 92667
	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000 ⁴⁰³⁾ 92667
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	

Fortsetzung nächste Seite / Continued on next page



Ø 104,77 - Fortsetzung / Continued

22.2

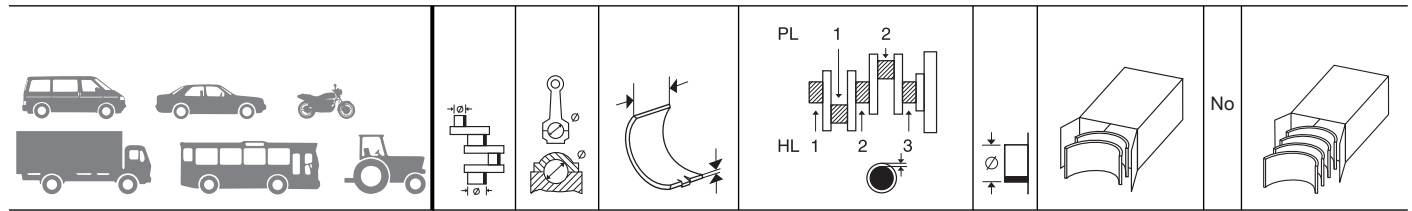
TD 70 E, TD 70 ES R 6 Diesel, 6700 cm ³ , 154 - 166 kW (210 - 226 PS), 14,5:1, Turbo, 12 Ventile N 7 01/1973...09/1980	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300 <small>403) 92667</small>
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	
PL 18052											

Ø 104,77

23.1

TD 70 GA, TMD 70 R 6 Diesel, 6700 cm ³ , 106 - 180 kW (144 - 245 PS), 14,5:1, Turbo, 12 Ventile	90,150	112,820		2,31 2,36			M114	0,000	AL 18786	4	037 AS 18785 000
	45,000 45,004	49,887 49,912	37,900				M114	Semi	BB 18811	6	037 BS 18812 300 <small>01/1983...</small>
	82,535 82,550	88,483 88,508	30,600	2,935	1.-7.	0,063 0,127	M114	0,000 0,254 0,508	HL 18056	7	037 HS 18057 200 210 220
		28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
	69,840 69,850	73,740 73,753	37,100	1,912		0,066 0,113	M114	0,000 0,254 0,508 0,762 1,016	PL 18052	6	037 PS 18053 200 210 220 230 240
	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	

Fortsetzung nächste Seite / Continued on next page



Ø 104,77 - Fortsetzung / Continued

23.2

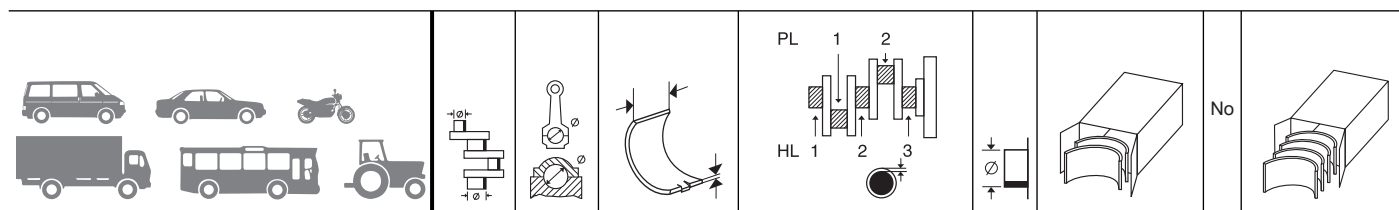
TD 70 GA, TMD 70 R 6 Diesel, 6700 cm³, 106 - 180 kW (144 - 245 PS), 14,5:1, Turbo, 12 Ventile	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	
	PL 18052										

Ø 104,77

24.1

TD 70 H, TD 70 HA R 6 Diesel, 6700 cm³, 143 kW (194 PS), 14,5:1, Turbo, 12 Ventile	90,150	112,820		2,31 2,36			M114	0,000	AL 18786	4	037 AS 18785 000		
	45,000 45,004	49,887 49,912	37,900				M114	Semi	BB 18811	6		037 BS 18812 300 <small>01/1983...</small>	
	45,019 45,024	49,950	28,730 37,900	2,54 2,69			M100	Semi	BB 20551	6			037 BS 20552 300 <small>01/1978...</small>
	82,535 82,550	88,483 88,508	30,600	2,935	1.-7.	0,063 0,127	M114	0,000 0,254 0,508	HL 18056	7		037 HS 18057 200 210 220	
		28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12			037 KS 18129 300
	69,840 69,850	73,740 73,753	37,100	1,912		0,066 0,113	M114	0,000 0,254 0,508 0,762 1,016	PL 18052	6		037 PS 18053 200 210 220 230 240	
	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1			038 NS 18085 000
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1			
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1			
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1			
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1			
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1			
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1			

Fortsetzung nächste Seite / Continued on next page



Ø 104,77 - Fortsetzung / Continued

24.2

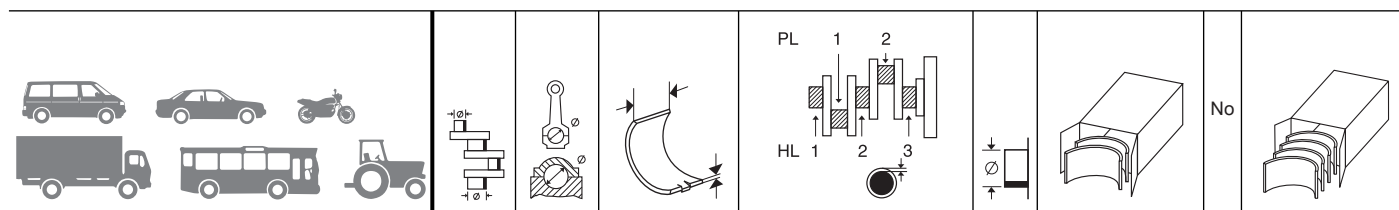
TD 70 H, TD 70 HA R 6 Diesel, 6700 cm ³ , 143 kW (194 PS), 14,5:1, Turbo, 12 Ventile	68,996	72,225	33,070			0,018	M23	Semi	NB 18084	1	038 NS 18085 300
	69,015	72,250	33,580			0,098					
	66,621	69,850	25,150			0,043	M23	Semi	NB 18112	1	
	66,640	69,875	25,650			0,073					
	64,233	67,462	25,150			0,018	M23	Semi	NB 18113	1	
	64,252	67,488	25,650			0,099					
	63,446	66,675	25,150			0,018	M23	Semi	NB 18114	1	
	63,465	66,700	25,650			0,098					
61,058	64,287	25,150			0,018	M23	Semi	NB 18115	1		
61,077	64,313	25,650			0,099						
60,271	63,500	25,150			0,018	M23	Semi	NB 18116	1		
60,290	63,525	25,650			0,098						
56,296	59,525	25,150			0,018	M23	Semi	NB 18117	1		
56,315	59,550	25,650			0,098						
PL 18052											

Ø 104,77

25.1

TD 71 F R 6 Diesel, 6700 cm ³ , 106 - 180 kW (144 - 245 PS), 15,5:1 FL 7/230 09/1985...09/1998	90,150	112,820		2,31			M114	0,000	AL 18786	4	037 AS 18785 000
				2,36							
TD 71 G R 6 Diesel, 6730 cm ³ , 178 - 184 kW (242 - 250 PS), 15,5:1, Turbo, LLK, 12 Ventile	45,000	49,887	37,900				M114	Semi	BB 18811	6	037 BS 18812 300
	45,004	49,912									
	45,019	49,950	28,730	2,54			M100	Semi	BB 20551	6	037 BS 20552 300 <small>01/1978...</small>
	45,024		37,900	2,69							
	82,535	88,483	30,600	2,935	1.-7.	0,063	M114	0,000	HL 18056	7	037 HS 18057 200 210 220
	82,550	88,508				0,127		0,254			
		28,175	22,960	1,73			M100	Semi	KB 18128	12	037 KS 18129 300
		28,196		1,81							
	69,840	73,740	37,100	1,912		0,066	M114	0,000	PL 18054	6	037 PS 18055 200 210 220
	69,850	73,753				0,113		0,254			
	68,996	72,225	33,070			0,018	M23	0,000	NB 18084	1	038 NS 18085 000
	69,015	72,250	33,580			0,098					
	66,621	69,850	25,150			0,043	M23	0,000	NB 18112	1	
	66,640	69,875	25,650			0,073					
64,233	67,462	25,150			0,018	M23	0,000	NB 18113	1		
64,252	67,488	25,650			0,099						
63,446	66,675	25,150			0,018	M23	0,000	NB 18114	1		
63,465	66,700	25,650			0,098						
61,058	64,287	25,150			0,018	M23	0,000	NB 18115	1		
61,077	64,313	25,650			0,099						
60,271	63,500	25,150			0,018	M23	0,000	NB 18116	1		
60,290	63,525	25,650			0,098						
56,296	59,525	25,150			0,018	M23	0,000	NB 18117	1		
56,315	59,550	25,650			0,098						

Fortsetzung nächste Seite / Continued on next page



Ø 104,77 - Fortsetzung / Continued

25.2

TD 71 F R 6 Diesel, 6700 cm³, 106 - 180 kW (144 - 245 PS), 15,5:1 FL 7/230 09/1985...09/1998	68,996	72,225	33,070			0,018	M23	Semi	NB 18084	1	038 NS 18085 300
	69,015	72,250	33,580			0,098					
TD 71 G R 6 Diesel, 6730 cm³, 178 - 184 kW (242 - 250 PS), 15,5:1, Turbo, LLK, 12 Ventile	66,621	69,850	25,150			0,043	M23	Semi	NB 18112	1	
	66,640	69,875	25,650			0,073					
	64,233	67,462	25,150			0,018	M23	Semi	NB 18113	1	
	64,252	67,488	25,650			0,099					
	63,446	66,675	25,150			0,018	M23	Semi	NB 18114	1	
	63,465	66,700	25,650			0,098					
	61,058	64,287	25,150			0,018	M23	Semi	NB 18115	1	
61,077	64,313	25,650			0,099						
60,271	63,500	25,150			0,018	M23	Semi	NB 18116	1		
60,290	63,525	25,650			0,098						
56,296	59,525	25,150			0,018	M23	Semi	NB 18117	1		
56,315	59,550	25,650			0,098						
PL 18054											

Ø 104,78

26

D7A230, D 7B 230 , Euro 2 R 6 Diesel, 6700 cm³, 169 kW (230 PS), 18:1, Turbo, LLK, 12 Ventile FL 7/230 09/1985...09/1998 FS 718/230 09/1994...03/1996	98,300	120,680		2,31			M250	0,000	AL 20092	4	038 AS 20093 000
	98,800	120,930		2,36							
	90,528	96,483	30,200	2,92		0,071	M780	0,000	HL 20090	7	
	90,550	96,508	30,400	2,932		0,144		0,250 0,500			
	73,831	77,740	36,850	1,91			M114	0,000	PL 20731	6	038 PS 20732 000
	73,850	77,753	37,050	1,922				0,250 0,500			

Ø 107

27

D7 R 6 Diesel, 6700 cm³	90,528	96,483	30,600	2,93		0,053	M900	0,000	HL 20437	7	037 HS 20438 200
	90,550	96,508		2,94		0,120		0,254 0,508			
	73,831	77,740	36,800	2,039		0,046	M114	0,254	PL 20648	6	
	73,850	77,753	37,100	3,099		0,098		0,508			037 PS 20649 210 220

Ø 107

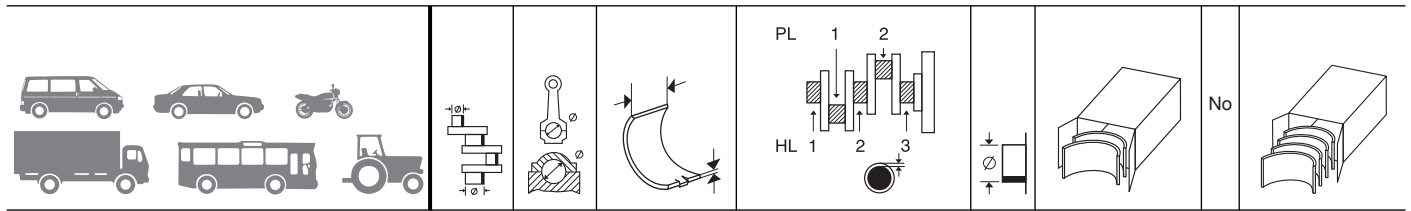
28

D7C 215, D7C 250, D7C275, D7C 310 , Euro 2 R 6 Diesel, 7300 cm³, 158 - 228 kW (215 - 310 PS), 19,5:1, Turbo, LLK, 12 Ventile FM 7/250 08/1998...12/2001	98,300	120,680		2,31			M250	0,000	AL 20092	4	038 AS 20093 000
	98,800	120,930		2,36							
	90,528	96,483	30,200	2,92		0,071	M780	0,000	HL 20090	7	
	90,550	96,508	30,400	2,932		0,144		0,250 0,500			
D7C 290 , Euro 2 R 6 Diesel, 7300 cm³, 213 kW (290 PS), 19,5:1, Turbo, LLK, 12 Ventile FM 7/290 08/1998...12/2001	73,831	77,740	36,850	1,91			M114	0,000	PL 20731	6	038 PS 20732 000
	73,850	77,753	37,050	1,922				0,250 0,500			

Ø 108

29

D7E 240, D7E 280, D7E 320 R 6 Diesel, 7146 cm³, 177 - 235 kW (241 - 320 PS), 18:1, Turbo, LLK, 4 Ventile FE 320-18 05/2006...05/2012 FLL 240-16 05/2013... FL 280-18 05/2006...06/2009	98,300	120,680		2,31			M250	0,000	AL 20092	4	038 AS 20093 000
	98,800	120,930		2,36							
	90,528	96,483	30,200	2,92		0,071	M780	0,000	HL 20090	7	
	90,550	96,508	30,400	2,932		0,144		0,250 0,500			
	73,831	77,740	36,850	1,91			M114	0,000	PL 20731	6	038 PS 20732 000
	73,850	77,753	37,050	1,922				0,250 0,500			
	91,400	113,750		2,89			M916	0,000	AL 21576	4	209 AS 21577 000
	91,700	114,000		2,95							



Ø 108 **30**

D7E 290, D7F240, D7F260, D7F290, D7F300, D7F340, EEV R 6 Diesel, 7100 cm³, 177 - 250 kW (241 - 340 PS), 18:1 - 18,1:1, 24 Ventile FE 260-18 05/2012... FE 240-18 05/2006... FE 260-26 05/2006...05/2012 FLH 260-12, FLL 260-12, FLM 05/2013... 260-12 FL 240-16 05/2006...06/2009 FL 260-12 06/2009...	91,400	113,750		2,89			M916	0,000	AL 21576	4	209 AS 21577 000
	91,700	114,000		2,95							

Ø 120 **31**

D 9 A, Euro 3 R 6 Diesel, 9364 cm³, 194 - 283 kW (264 - 384 PS), 18,6:1, Turbo, LLK, 4 Ventile FM 9/380 12/2001...09/2005	116,590	139,680		0,421			M250	0,100	AL 19921	2	038 AS 19922 010
	117,090	139,930		3,19							
	107,978	113,040	31,800	2,484		0,046	M901	0,000	HL 20096	7	038 HS 20097 000
	108,000	113,065	32,000	2,497		0,119		0,250			025
								0,500			050
	87,987	92,835	44,800	2,385		0,045	M114	0,000	PL 20094	6	038 PS 20095 000
	88,000	92,850	45,100	2,395		0,093		0,250			025
								0,500			050
	105,650	130,000		3,37			M901	0,000	AL 20784	4	061 AS 20785 000
	106,000	130,350		3,43							

Ø 120 **32**

D9A 260, D9A 300, D9A 340, D9A 380, Euro 3 R 6 Diesel, 9364 cm³, 191 - 280 kW (260 - 381 PS), 18,6:1, Hub 138mm, Turbo, LLK, 24 Ventile FM 9/340 12/2001...09/2005 FM 300 09/2005...	116,590	139,680		0,421			M250	0,100	AL 19921	2	038 AS 19922 010
	117,090	139,930		3,19							
	107,978	113,040	31,800	2,484		0,046	M901	0,000	HL 20096	7	038 HS 20097 000
	108,000	113,065	32,000	2,497		0,119		0,250			025
								0,500			050
	87,987	92,835	44,800	2,385		0,045	M114	0,000	PL 20094	6	038 PS 20095 000
	88,000	92,850	45,100	2,395		0,093		0,250			025
								0,500			050

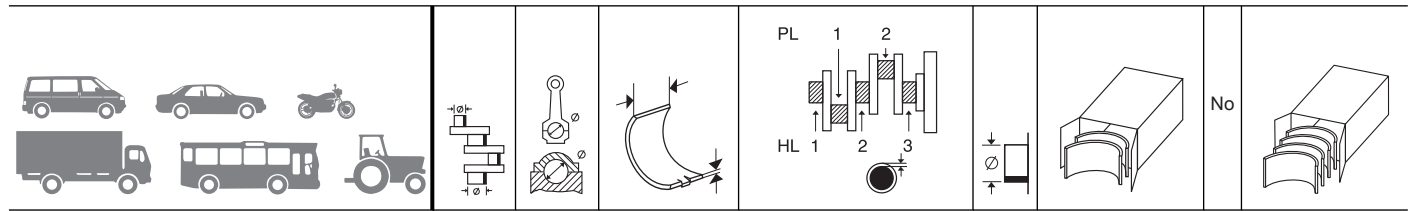
Ø 120 **33**

D 9 B 260, D 9 B 300, D9B 310, D 9 B 340, D 9 B 360, D 9 B 380, Euro 4 R 6 Diesel, 9364 cm³, 191 - 280 kW (260 - 381 PS), 18,1:1 - 18,5:1, Hub 138mm, Turbo, LLK, 4 Ventile FM 9/300 12/2001...09/2005 FM 340 09/2005...	116,590	139,680		0,421			M250	0,100	AL 19921	2	038 AS 19922 010
	117,090	139,930		3,19							
	107,978	113,040	31,800	2,484		0,046	M901	0,000	HL 20096	7	038 HS 20097 000
	108,000	113,065	32,000	2,497		0,119		0,250			025
								0,500			050
	87,987	92,835	44,800	2,385		0,045	M114	0,000	PL 20094	6	038 PS 20095 000
	88,000	92,850	45,100	2,395		0,093		0,250			025
								0,500			050

Ø 120,64 **34.1**

TD 100 A, TD 100 B, TD 100 G, TD 100 GA, TD 102 F, TD 102 FDQ, TD 102 FF, TD 102 FL, TD 102 FM, TD 103 E, TD 103 ES R 6 Diesel, 9600 cm³, 176 - 252 kW (239 - 343 PS), 12,5:1 - 18:1, Hub 140mm, Turbo, 12 Ventile F 10/260 02/1982...06/1985 F 10/280 08/1977...02/1982 F 10/320 10/1987...12/1994 F 88/260 08/1965...06/1977 N 10/300 01/1973...12/1989	108,460	139,850		2,31			M114	0,000	AL 10285	4	037 AS 10651 000	
	108,960	140,350		2,36				0,100			010	
	52,000	57,300	48,850	2,90		0,018	M5	Semi	BB 18147	6	037 BS 18148 300	
	52,004	57,346		2,95		0,026						
	99,978	104,978	37,340	2,442		0,068	M900	0,000	HL 10256	7	037 HS 10596 000	
	100,000	105,003		2,455		0,141		0,250			025	
								0,500				050
								0,750				075
								1,000				100
		28,175	22,960	1,73			M100	Semi	KB 18128	12	037 KS 18129 300	
		28,196		1,81								
	86,003	90,925	45,470	2,783		0,065	M900	0,750	PL 10255	6	037 PS 10595 075	
	86,018	90,940	45,720	3,171		0,121		1,000			100	
86,003	90,925	45,470	2,408		0,065	M900	0,000	PL 10255	6	037 PS 10595 200		
86,018	90,940	45,720	3,421		0,121		0,508			220		
							0,762				230	
							1,016				240	
86,003	90,925	45,720	2,408		0,065	M900	0,000	PL 10323	6	037 PS 10682 000		
86,018	90,940		2,421		0,121		0,250			025		
							0,500				050	
							0,750				075	
							1,000				100	

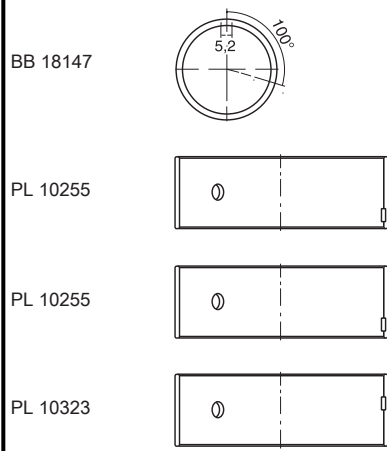
Fortsetzung nächste Seite / Continued on next page



Ø 120,64 - Fortsetzung / Continued

34.2

TD 100 A, TD 100 B, TD 100 G, TD 100 GA, TD 102 F, TD 102 FDQ, TD 102 FF, TD 102 FL, TD 102 FM, TD 103 E, TD 103 ES R 6 Diesel, 9600 cm³, 176 - 252 kW (239 - 343 PS), 12,5:1 - 18:1, Hub 140mm, Turbo, 12 Ventile F 10/260 02/1982...06/1985 F 10/280 08/1977...02/1982 F 10/320 10/1987...12/1994 F 88/260 08/1965...06/1977 N 10/300 01/1973...12/1989	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000	
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1		
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1		
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1		
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1		
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1		
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1		
	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1		038 NS 18085 300
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1		
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1		
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1		
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1		
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1		
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1		

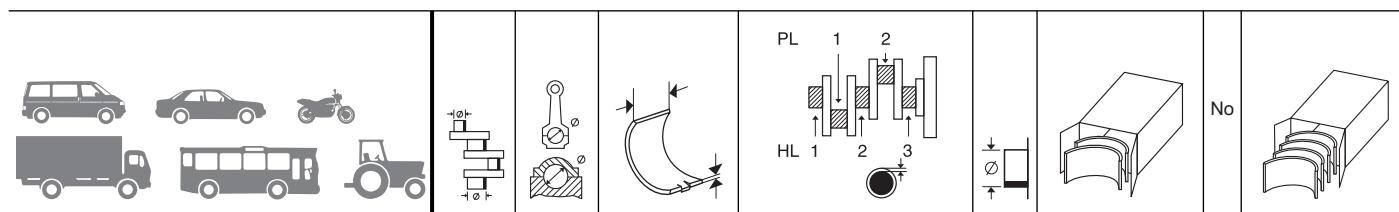


Ø 120,64

35.1

TD 100 BG, TD 102 FD, TD 102 FH, TD 102 GB, TD 102 GB, THD 100 D, THD 100 DB, THD 100 DC, THD 100 DD, THD 100 E, THD 100 EB, THD 100 EC, THD 100 ED, THD 102 KA, THD 102 KB, THD 102 KE, THD 102 KF R 6 Diesel, 9600 cm³, 155 - 235 kW (211 - 320 PS), 14,3:1 - 16:1, Turbo, 12 Ventile	108,460 108,960	139,850 140,350		2,31 2,36			M114	0,000 0,100	AL 10285	4	037 AS 10651 000 010
	52,000 52,004	57,300 57,346	48,850	2,90 2,95		0,018 0,026	M5	Semi	BB 18147	6	
	99,978 100,000	104,978 105,003	37,340	2,442 2,455		0,068 0,141	M900	0,000 0,250 0,500 0,750 1,000	HL 10256	7	037 HS 10596 000 025 050 075 100
		28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
	86,003 86,018	90,925 90,940	45,470 45,720	2,783 3,171		0,065 0,121	M900	0,750 1,000	PL 10255	6	037 PS 10595 075 100

Fortsetzung nächste Seite / Continued on next page

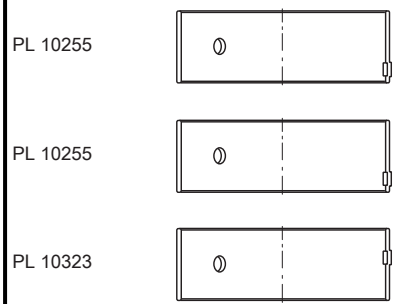


Ø 120,64 - Fortsetzung / Continued

35.2

TD 100 BG, TD 102 FD, TD 102 FH, TD 102 GB, TD 102 GB, THD 100 D, THD 100 DB, THD 100 DC, THD 100 DD, THD 100 E, THD 100 EB, THD 100 EC, THD 100 ED, THD 102 KA, THD 102 KB, THD 102 KE, THD 102 KF
R 6 Diesel, 9600 cm³, 155 - 235 kW (211 - 320 PS), 14,3:1 - 16:1, Turbo, 12 Ventile

86,003 86,018	90,925 90,940	45,470 45,720	2,408 3,421		0,065 0,121	M900	0,000 0,508 0,762 1,016	PL 10255	6	037 PS 10595 200 220 230 240 <small>01/1983...</small>
86,003 86,018	90,925 90,940	45,720	2,408 2,421		0,065 0,121	M900	0,000 0,250 0,500 0,750 1,000	PL 10323	6	037 PS 10682 000 025 050 075 100
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	



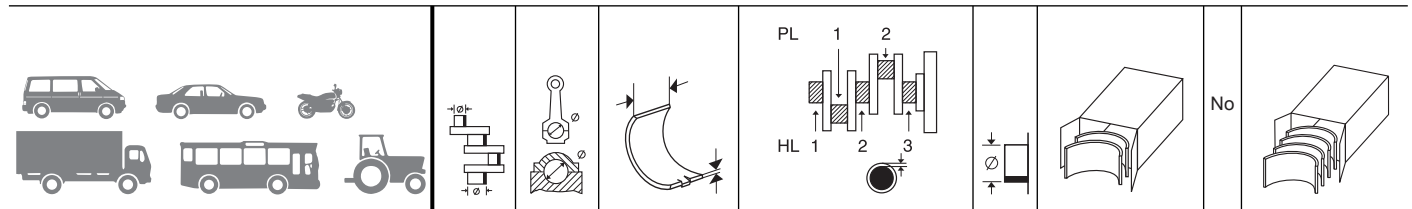
Ø 120,64

36.1

TD 101 FC, TD 101 GB, TD 101 GE, THD 101 KD, THD 101 KE, THD 101 KF
R 6 Diesel, 9600 cm³, 185 - 228 kW (252 - 310 PS), 14,3:1 - 15:1, Turbo, LLK

108,460 108,960	139,850 140,350		2,31 2,36			M114	0,000 0,100	AL 10285	4	037 AS 10651 000 010
99,978 100,000	104,978 105,003	37,340	2,442 2,455		0,068 0,141	M900	0,000 0,250 0,500 0,750 1,000	HL 10256	7	037 HS 10596 000 025 050 075 100
	28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300

Fortsetzung nächste Seite / Continued on next page



Ø 120,64 - Fortsetzung / Continued

36.2

TD 101 FC, TD 101 GB, TD 101 GE,
THD 101 KD, THD 101 KE, THD 101 KF
R 6 Diesel, 9600 cm³, 185 - 228 kW
(252 - 310 PS), 14,3:1 - 15:1, Turbo, LLK

86,003 86,018	90,925 90,940	45,470 45,720	2,783 3,171		0,065 0,121	M900	0,750 1,000	PL 10255	6	037 PS 10595 075 100 <small>01/1983...</small>
86,003 86,018	90,925 90,940	45,470 45,720	2,408 3,421		0,065 0,121	M900	0,000 0,508 0,762 1,016	PL 10255	6	037 PS 10595 200 220 230 240 <small>01/1983...</small>
86,003 86,018	90,925 90,940	45,720	2,408 2,421		0,065 0,121	M900	0,000 0,250 0,500 0,750 1,000	PL 10323	6	037 PS 10682 000 025 050 075 100
52,000 52,004	57,300 57,346	46,150	2,77 2,95		0,018 0,026	M100	Semi	BB 18086	6	038 BS 18087 300
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	

PL 10255



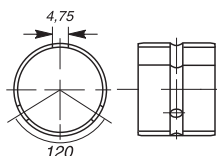
PL 10255

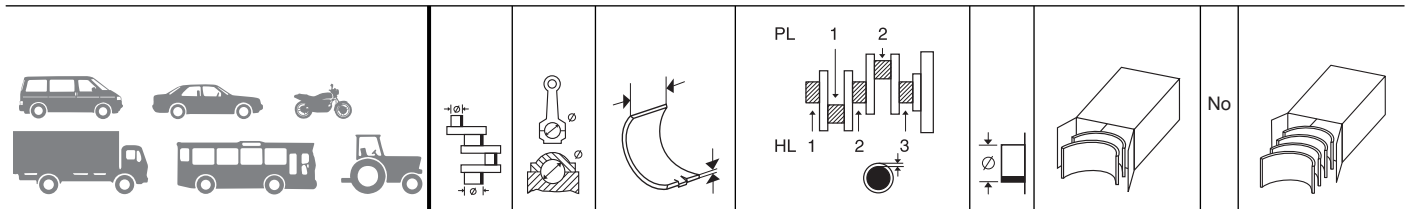


PL 10323



BB 18086





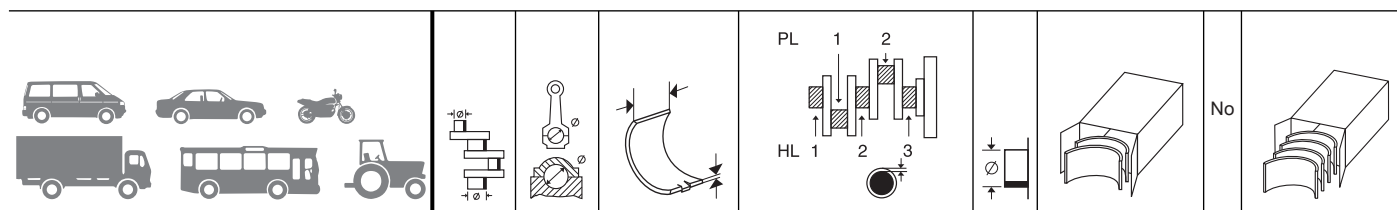
Ø 120,64

37.1

TD 101 FD, THD 101 KB, THD 101 KC
 R 6 Diesel, 9600 cm³, 200 - 228 kW
 (272 - 310 PS), 14,3:1 - 15:1, Turbo, LLK

108,460 108,960	139,850 140,350		2,31 2,36			M114	0,000 0,100	AL 10285	4	037 AS 10651 000 010
99,978 100,000	104,978 105,003	37,340	2,442 2,455		0,068 0,141	M900	0,000 0,250 0,500 0,750 1,000	HL 10256	7	037 HS 10596 000 025 050 075 100
	28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
86,003 86,018	90,925 90,940	45,470 45,720	2,783 3,171		0,065 0,121	M900	0,750 1,000	PL 10255	6	037 PS 10595 075 100
86,003 86,018	90,925 90,940	45,470 45,720	2,408 3,421		0,065 0,121	M900	0,000 0,508 0,762 1,016	PL 10255	6	037 PS 10595 200 220 230 240
86,003 86,018	90,925 90,940	45,720	2,408 2,421		0,065 0,121	M900	0,000 0,250 0,500 0,750 1,000	PL 10323	6	037 PS 10682 000 025 050 075 100
52,000 52,004	57,300 57,346	46,150	2,77 2,95		0,018 0,026	M100	Semi	BB 18086	6	038 BS 18087 300
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	

Fortsetzung nächste Seite / Continued on next page



Ø 120,64 - Fortsetzung / Continued

37.2

TD 101 FD, THD 101 KB, THD 101 KC
R 6 Diesel, 9600 cm³, 200 - 228 kW
(272 - 310 PS), 14,3:1 - 15:1, Turbo, LLK

68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	

PL 10255



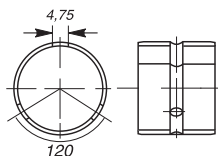
PL 10255



PL 10323



BB 18086



Ø 120,64

38

TD 101 G
R 6 Diesel, 9600 cm³, 200 - 202 kW
(272 - 275 PS), 14,3:1, Turbo, LLK
F 10/260 02/1982...06/1985
FL 10/280 09/1985...12/1990
N 10/270 01/1973...12/1989

86,003 86,018	90,925 90,940	45,470 45,720	2,783 3,171		0,065 0,121	M900	0,750 1,000	PL 10255	6	037 PS 10595 075 100
86,003 86,018	90,925 90,940	45,470 45,720	2,408 3,421		0,065 0,121	M900	0,000 0,508 0,762 1,016	PL 10255	6	

PL 10255



PL 10255



Ø 123

39

D11C410, Euro 5
R 6 Diesel, 10800 cm³, 302 kW (410 PS), 17,3:1,
24 Ventile
FM 410 09/2005...04/2012
410 04/2010...

116,590 117,090	139,680 139,930		0,421 3,19			M250	0,100	AL 19921	2	038 AS 19922 010
107,978 108,000	113,040 113,065	31,800 32,000	2,484 2,497		0,046 0,119	M901	0,000 0,250 0,500	HL 20096	7	

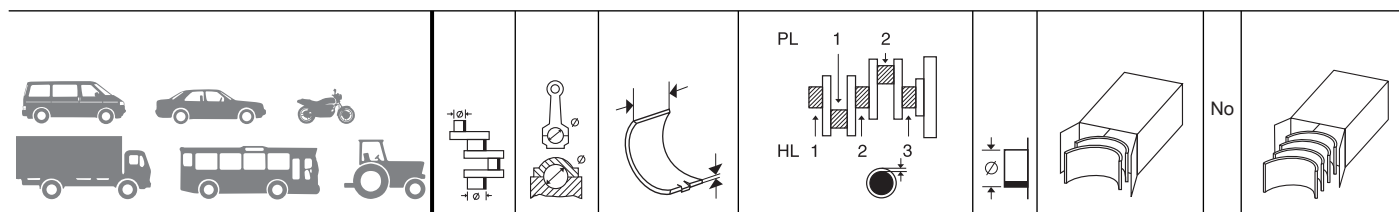
Ø 130,18

40.1

TAMD 120 A
R 6 Diesel, 12000 cm³, 225 - 243 kW
(306 - 330 PS), 15:1, Hub 150mm, Turbo

116,590 117,090	139,680 139,930		3,14 3,21			M901	0,000	AL 10249	4	037 AS 10668 000
107,915 107,937	113,040 113,065	36,830 37,080	2,502 3,515		0,073 0,146	M900	0,000	HL 10243	7	
107,915 107,937	113,040 113,065	36,830 37,080	2,629 3,692		0,073 0,146	M900	0,254 0,508 0,762 1,016	HL 10243	7	037 HS 10589 210 220 230 240

Fortsetzung nächste Seite / Continued on next page



Ø 130,18 - Fortsetzung / Continued

40.2

TAMD 120 A

R 6 Diesel, 12000 cm³, 225 - 243 kW
(306 - 330 PS), 15:1, Hub 150mm, Turbo

	28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
92,028 92,043	96,835 96,850	46,250	2,352 2,365		0,062 0,118	M100	0,000 0,250 0,500 0,750 1,000	PL 10242	6	037 PS 10588 000 025 050 075 100 <small>403) 80371</small>
92,028 92,043	96,835 96,850	46,000 46,250	2,352 2,365		0,062 0,118	M920	0,000 0,250 0,750 1,000	PL 10324	6	037 PS 10683 000 025 075 100 <small>405) 80371</small>
55,000 55,004	60,300 60,346	48,150	2,95 3,00		0,017 0,026	M100	Semi	BB 18088	6	038 BS 18089 300
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	

PL 10242



PL 10324



Ø 130,18

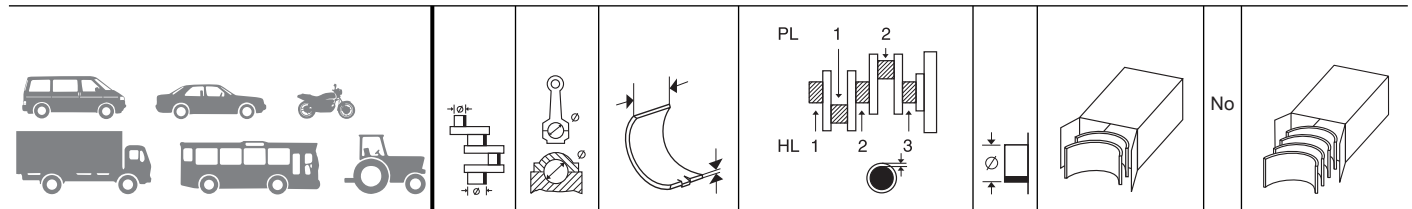
41.1

TD 120 A, TD 121 FK, TD 121 GA

R 6 Diesel, 12000 cm³, 243 - 283 kW
(330 - 385 PS), 14,2:1, Hub 150mm, Turbo,
12 Ventile
F 89/330 10/1970...06/1977

116,590 117,090	139,680 139,930		3,14 3,21			M901	0,000	AL 10249	4	037 AS 10668 000
107,915 107,937	113,040 113,065	36,830 37,080	2,502 3,515		0,073 0,146	M900	0,000	HL 10243	7	037 HS 10589 200
107,915 107,937	113,040 113,065	36,830 37,080	2,629 3,692		0,073 0,146	M900	0,254 0,508 0,762 1,016	HL 10243	7	037 HS 10589 210 220 230 240
	28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300

Fortsetzung nächste Seite / Continued on next page

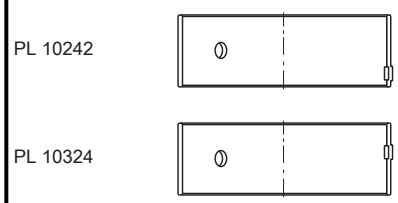


Ø 130,18 - Fortsetzung / Continued

41.2

TD 120 A, TD 121 FK, TD 121 GA
 R 6 Diesel, 12000 cm³, 243 - 283 kW
 (330 - 385 PS), 14,2:1, Hub 150mm, Turbo,
 12 Ventile
 F 89/330 10/1970...06/1977

92,028 92,043	96,835 96,850	46,250	2,352 2,365		0,062 0,118	M100	0,000 0,250 0,500 0,750 1,000	PL 10242	6	037 PS 10588 000 025 050 075 100
92,028 92,043	96,835 96,850	46,000 46,250	2,352 2,365		0,062 0,118	M920	0,000 0,250 0,750 1,000	PL 10324	6	037 PS 10683 000 025 075 100
55,000 55,004	60,300 60,346	48,150	2,95 3,00		0,017 0,026	M100	Semi	BB 18088	6	038 BS 18089 300
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	



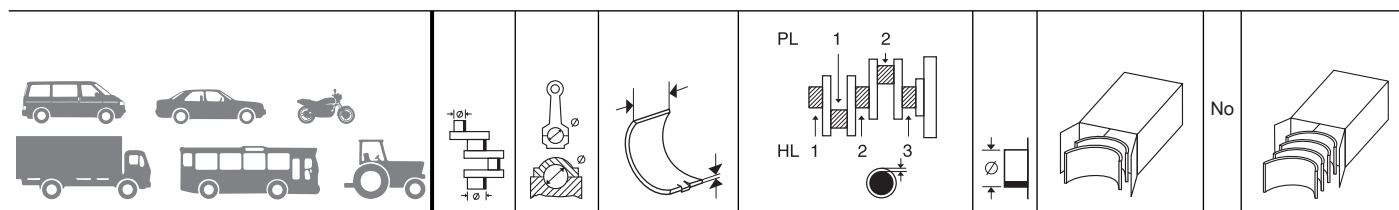
Ø 130,18

42.1

TD 120 G
 R 6 Diesel, 12000 cm³, 226 - 265 kW
 (308 - 360 PS), 14,2:1, Turbo, LLK
 F 12/320, F 12/330 08/1977...12/1986



116,590 117,090	139,680 139,930		3,14 3,21			M901	0,000	AL 10249	4	037 AS 10668 000
54,787	60,477	47,900	2,77			M5	Semi	BB 20717	6	037 BS 20635 300
107,915 107,937	113,040 113,065	36,830 37,080	2,502 3,515		0,073 0,146	M900	0,000	HL 10243	7	037 HS 10589 200
107,915 107,937	113,040 113,065	36,830 37,080	2,629 3,692		0,073 0,146	M900	0,254 0,508 0,762 1,016	HL 10243	7	037 HS 10589 210 220 230 240
	28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
92,028 92,043	96,835 96,850	46,250	2,352 2,365		0,062 0,118	M100	0,000 0,250 0,500 0,750 1,000	PL 10242	6	037 PS 10588 000 025 050 075 100

Fortsetzung nächste Seite / Continued on next page



Ø 130,18 - Fortsetzung / Continued

42.2

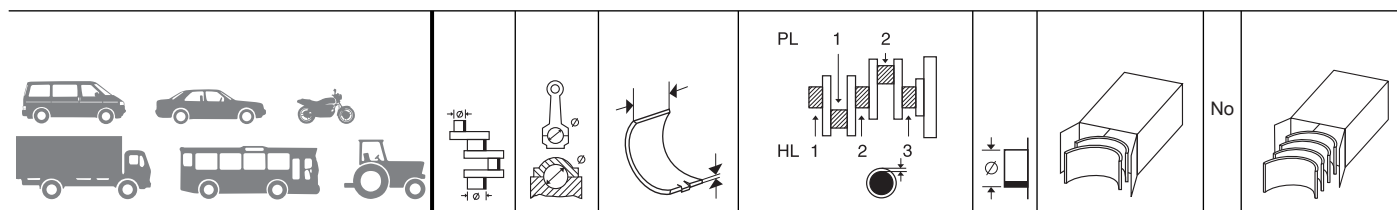
TD 120 G R 6 Diesel, 12000 cm ³ , 226 - 265 kW (308 - 360 PS), 14,2:1, Turbo, LLK F 12/320, F 12/330 08/1977...12/1986	92,028 92,043	96,835 96,850	46,000 46,250	2,352 2,365		0,062 0,118	M920	0,000 0,250 0,750 1,000	PL 10324	6	037 PS 10683 000 025 075 100
	55,000 55,004	60,300 60,346	48,150	2,95 3,00		0,017 0,026	M100	Semi	BB 18088	6	038 BS 18089 300
	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	
	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	
	PL 10242 										
	PL 10324 										

Ø 130,18

43.1

TD 120 GA, TD 121 FD R 6 Diesel, 12000 cm ³ , 226 - 283 kW (308 - 385 PS), 14,2:1, Turbo, LLK	116,590 117,090	139,680 139,930		3,14 3,21			M901	0,000	AL 10249	4	037 AS 10668 000
	54,787	60,477	47,900	2,77			M5	Semi	BB 20717	6	037 BS 20635 300
	107,915 107,937	113,040 113,065	36,830 37,080	2,502 3,515		0,073 0,146	M900	0,000	HL 10243	7	037 HS 10589 200
	107,915 107,937	113,040 113,065	36,830 37,080	2,629 3,692		0,073 0,146	M900	0,254 0,508 0,762 1,016	HL 10243	7	037 HS 10589 210 220 230 240
		28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
	92,028 92,043	96,835 96,850	46,250	2,352 2,365		0,062 0,118	M100	0,000 0,250 0,500 0,750 1,000	PL 10242	6	037 PS 10588 000 025 050 075 100
	92,028 92,043	96,835 96,850	46,000 46,250	2,352 2,365		0,062 0,118	M920	0,000 0,250 0,750 1,000	PL 10324	6	037 PS 10683 000 025 075 100
	55,000 55,004	60,300 60,346	48,150	2,95 3,00		0,017 0,026	M100	Semi	BB 18088	6	038 BS 18089 300

Fortsetzung nächste Seite / Continued on next page



Ø 130,18 - Fortsetzung / Continued

44.2

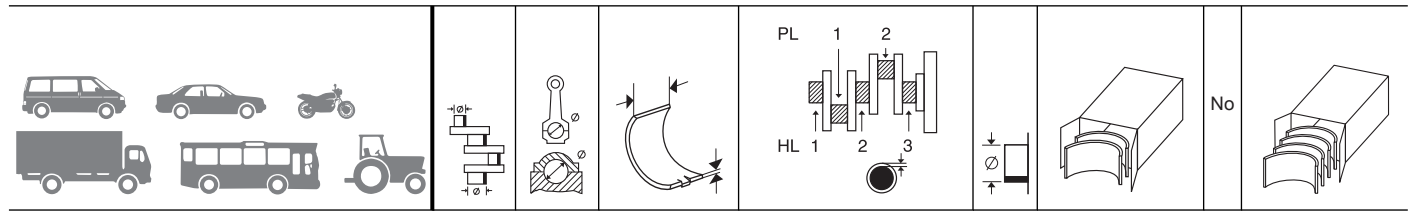
TD 122 FA R 6 Diesel, 12000 cm ³ , 272 kW (370 PS), 16:1, Turbo, LLK TD 122 FH, TD 122 FK, TD 122 FL, TD 122 FR, TD 122 FS R 6 Diesel, 11980 cm ³ , 262 - 291 kW (356 - 396 PS), 15:1 - 16:1, Turbo, LLK, 12 Ventile F 12/360 01/1988...12/1994	68,996	72,225	33,070			0,018	M23	0,000	NB 18084	1	038 NS 18085 000	
	69,015	72,250	33,580			0,098						
	66,621	69,850	25,150			0,043	M23	0,000	NB 18112	1		
	66,640	69,875	25,650			0,073						
	64,233	67,462	25,150			0,018	M23	0,000	NB 18113	1		
	64,252	67,488	25,650			0,099						
	63,446	66,675	25,150			0,018	M23	0,000	NB 18114	1		
	63,465	66,700	25,650			0,098						
	61,058	64,287	25,150			0,018	M23	0,000	NB 18115	1		
	61,077	64,313	25,650			0,099						
	60,271	63,500	25,150			0,018	M23	0,000	NB 18116	1		
	60,290	63,525	25,650			0,098						
	56,296	59,525	25,150			0,018	M23	0,000	NB 18117	1		
	56,315	59,550	25,650			0,098						
	68,996	72,225	33,070			0,018	M23	Semi	NB 18084	1		038 NS 18085 300
	69,015	72,250	33,580			0,098						
66,621	69,850	25,150			0,043	M23	Semi	NB 18112	1			
66,640	69,875	25,650			0,073							
64,233	67,462	25,150			0,018	M23	Semi	NB 18113	1			
64,252	67,488	25,650			0,099							
63,446	66,675	25,150			0,018	M23	Semi	NB 18114	1			
63,465	66,700	25,650			0,098							
61,058	64,287	25,150			0,018	M23	Semi	NB 18115	1			
61,077	64,313	25,650			0,099							
60,271	63,500	25,150			0,018	M23	Semi	NB 18116	1			
60,290	63,525	25,650			0,098							
56,296	59,525	25,150			0,018	M23	Semi	NB 18117	1			
56,315	59,550	25,650			0,098							
PL 10242												
PL 10324												

Ø 130,18

45.1

TD 123 E, TD 123 ES , Euro 1 R 6 Diesel, 11971 cm ³ , 262 - 298 kW (356 - 405 PS), 17,8:1 F 12/400, F 12/410 01/1988...12/1994	116,590	139,680		3,14			M901	0,000	AL 10249	4	037 AS 10668 000	
	117,090	139,930		3,21								
	54,787	60,477	47,900	2,77			M5	Semi	BB 20717	6		037 BS 20635 300
	107,915	113,040	36,830	2,502			M900	0,000	HL 10243	7		
	107,937	113,065	37,080	3,515								037 HS 10589 200
	107,915	113,040	36,830	2,629			M900	0,254 0,508 0,762 1,016	HL 10243	7		
	107,937	113,065	37,080	3,692								037 HS 10589 210 220 230 240
		28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12		
	92,028	96,835	46,000	2,352			M920	0,000	PL 10324	6		037 PS 10683 000 025 075 100
	92,043	96,850	46,250	2,365				0,250 0,750 1,000				
55,000	60,300	48,150	2,95			M100	Semi	BB 18088	6	038 BS 18089 300		
55,004	60,346		3,00				0,017 0,026					

Fortsetzung nächste Seite / Continued on next page



Ø 130,18 - Fortsetzung / Continued

45.2

TD 123 E, TD 123 ES, Euro 1
 R 6 Diesel, 11971 cm³, 262 - 298 kW
 (356 - 405 PS), 17,8:1
 F 12/400, F 12/410 01/1988...12/1994

68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000	
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1		
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1		
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1		
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1		
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1		
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1		
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1		038 NS 18085 300
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1		
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1		
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1		
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1		
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1		
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1		

PL 10324



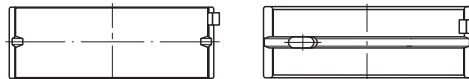
Ø 131

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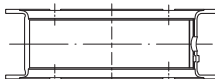
D12A 340, Euro 2
 R 6 Diesel, 12100 cm³, 250 kW (340 PS), 17,5:1,
 Hub 150mm, Turbo, LLK, 24 Ventile
 FH 12/340 08/1993...01/1995

107,978 108,000	113,040 113,065	37,500 37,800	2,485 2,497		0,046 0,117	M900	0,250 0,500 0,750 1,000	037 HL 21040 000 025 050 075 100	7	037 HS 21041 000 025 050 075 100
116,590 117,090	139,680 139,930		0,421 3,19			M250	0,100	AL 19921	2	038 AS 19922 010
69,970 70,000	73,888 73,913	42,090 42,150	1,916 1,924		0,040 0,111	M157	0,000	038 NB 19916 000	1	038 NS 19919 000
69,970 70,000	73,888 73,913	32,870 33,130	1,916 1,924		0,040 0,111	M157	0,000	038 NB 19917 000	6	
91,978 92,000	96,835 96,850	48,870 49,030	2,508 2,646		0,043 0,106	M114	0,250 0,500	038 PL 19914 025 050	6	038 PS 19915 025 050

037 HL 21040 000

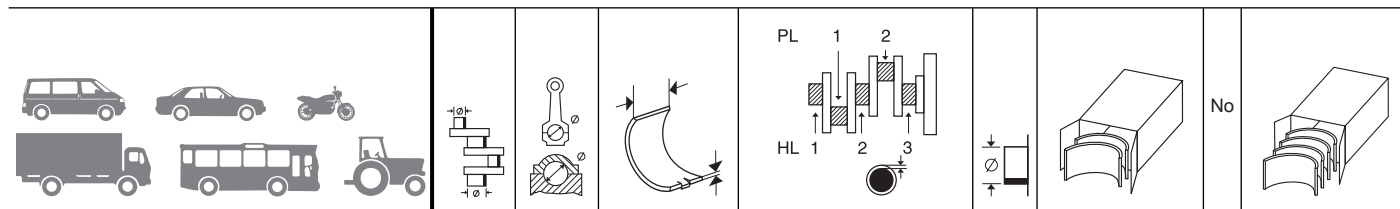


038 NB 19916 000

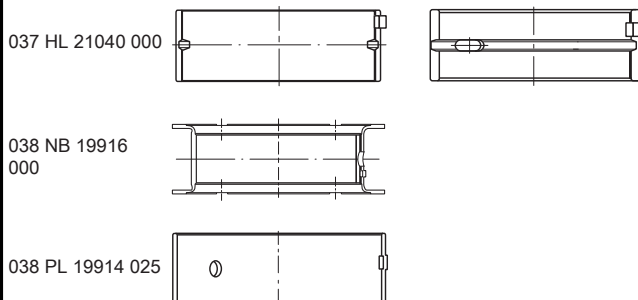


038 PL 19914 025

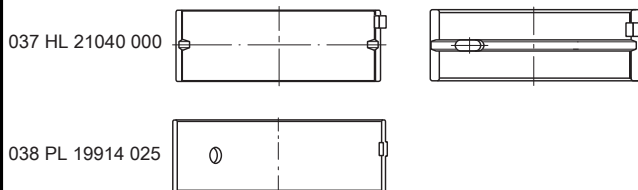




Ø 131		47										
D12A 380 R 6 Diesel, 12110 cm ³ , 279 kW (380 PS), 17,5:1, Hub 150mm, 24 Ventile FH 12/380 FL 12/380	08/1993...	107,978	113,040	37,500	2,485		0,046	M900	0,250	037 HL 21040 000	7	037 HS 21041 000
	09/1995...09/1998	108,000	113,065	37,800	2,497		0,117		0,500 0,750 1,000	025 050 075 100		025 050 075 100
D12A 420 R 6 Diesel, 12100 cm ³ , 309 kW (420 PS), 17,5:1, Hub 150mm, 24 Ventile FH 12/420 FL 12H/420	08/1993...01/1995	69,970	73,888	42,090	1,916		0,040	M157	0,000	038 NB 19916 000	1	038 NS 19919 000
	09/1995...09/1998	70,000	73,913	42,150	1,924		0,111					
	08/1993...01/1995	69,970	73,888	32,870	1,916		0,040	M157	0,000	038 NB 19917 000	6	
	09/1995...09/1998	70,000	73,913	33,130	1,924		0,111					
	08/1993...01/1995	91,978	96,835	48,870	2,508		0,043	M114	0,250	038 PL 19914 025	6	038 PS 19915 025
	09/1995...09/1998	92,000	96,850	49,030	2,646		0,106		0,500	050		050



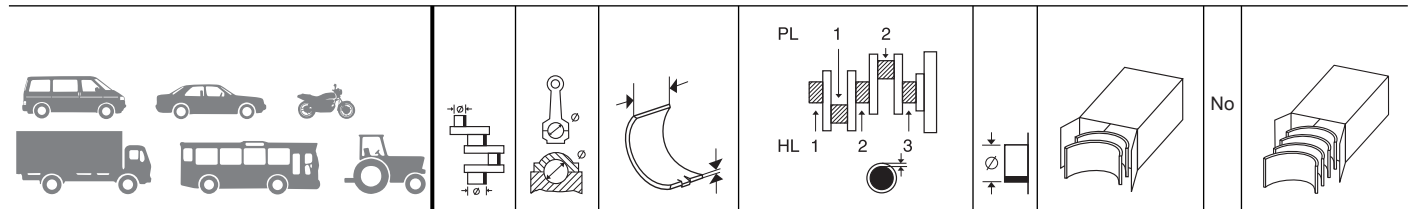
Ø 131		48										
D12C 380 6 12100 cm ³ , 279 kW (379 PS), Hub 150mm	08/1993...01/1995	107,978	113,040	37,500	2,485		0,046	M900	0,250	037 HL 21040 000	7	037 HS 21041 000
	09/1995...09/1998	108,000	113,065	37,800	2,497		0,117		0,500 0,750 1,000	025 050 075 100		025 050 075 100
D12C 420, D12D 380, D12D 420, D12D 460, D12D 500 , Euro 3 R 6 Diesel, 12100 cm ³ , 279 - 368 kW (380 - 500 PS), 18,5:1, Hub 150mm, Turbo, LLK, 24 Ventile FH 12/380 FH 12/460 FH 12/500 FM 12H/420 NH 12/420	08/1998...	91,978	96,835	48,870	2,508		0,043	M114	0,250	038 PL 19914 025	6	038 PS 19915 025
	12/0002...12/2005 08/1998...09/2005 09/2000...	92,000	96,850	49,030	2,646		0,106		0,500	050		050



Ø 131		49										
D13A 360, D13A 400, D13A 440, D13A 480, D13A 520, D13B 360, D13B 400, D13B 440, D13B 500 , Euro 4/5 R 6 Diesel, 12800 cm ³ , 264 - 382 kW (360 - 520 PS), 15,9:1 - 18,1:1, Hub 158mm, 24 Ventile 440 500 FM 360 FM 440	09/2005...04/2010	107,978	113,040	37,500	2,485		0,046	M900	0,250	037 HL 21040 000	7	037 HS 21041 000
	09/2005...09/2007	108,000	113,065	37,800	2,497		0,117		0,500 0,750 1,000	025 050 075 100		025 050 075 100
	09/2005...11/2005	98,978	103,835	48,550	2,383		0,045	M157	0,000	PL 20861	6	038 PS 20862 000
	09/2005...	99,000	103,850	48,850	2,395		0,106		0,250 0,500 0,750 1,000			025 050 075 100

Ø 131		50.1										
DH12D 340, DH12D 380, DH12D 420, DH12E 340, DH12E 380, DH12E 420, DH12E 460 , Euro 3 R 6 Diesel, 12100 cm ³ , 250 - 338 kW (340 - 460 PS), 18,1:1 - 18,5:1, Hub 150mm, Turbo, LLK, 24 Ventile	08/1993...01/1995	107,978	113,040	37,500	2,485		0,046	M900	0,250	037 HL 21040 000	7	037 HS 21041 000
	09/1995...09/1998	108,000	113,065	37,800	2,497		0,117		0,500 0,750 1,000	025 050 075 100		025 050 075 100
	08/1993...01/1995	69,970	73,888	42,090	1,916		0,040	M157	0,000	038 NB 19916 000	1	038 NS 19919 000
	09/1995...09/1998	70,000	73,913	42,150	1,924		0,111					
	08/1993...01/1995	69,970	73,888	32,870	1,916		0,040	M157	0,000	038 NB 19917 000	6	
	09/1995...09/1998	70,000	73,913	33,130	1,924		0,111					

Fortsetzung nächste Seite / Continued on next page



Ø 131 - Fortsetzung / Continued

50.2

DH12D 340, DH12D 380, DH12D 420, DH12E 340, DH12E 380, DH12E 420, DH12E 460, Euro 3 R 6 Diesel, 12100 cm ³ , 250 - 338 kW (340 - 460 PS), 18,1:1 - 18,5:1, Hub 150mm, Turbo, LLK, 24 Ventile	91,978	96,835	48,870	2,508		0,043	M114	0,250	038 PL 19914 025 050	6	038 PS 19915 025 050
	92,000	96,850	49,030	2,646		0,106		0,500			
	037 HL 21040 000										
038 NB 19916 000											
038 PL 19914 025											

Ø 144

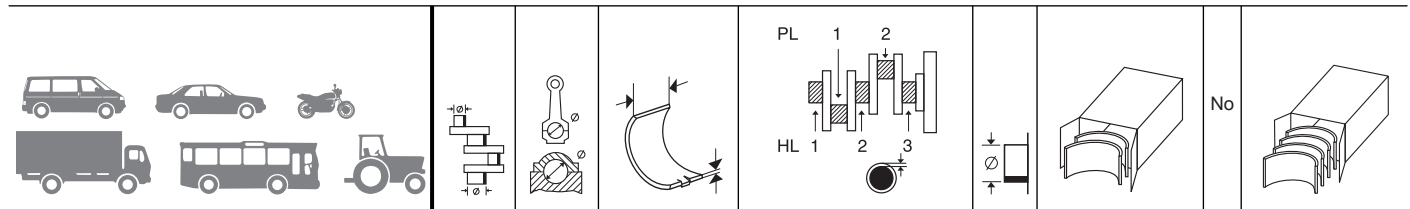
51

D16A R 6 Diesel, 16100 cm ³ , 346 - 382 kW (470 - 520 PS), 17,5:1, Turbo, LLK, 24 Ventile	117,978	123,110	38,300	2,502		0,080	M900	0,000	HL 20441	7	037 HS 20442 000 025 050
	118,000	123,135	38,600	2,515		0,153		0,250 0,500			
D16B 520, D16C 550, D16C 610, TD 162 F, TD 162 FL, TD 162 FS, TID 162 AG, TID 162 AP R 6 Diesel, 16120 cm ³ , 217 - 449 kW (295 - 611 PS), 15:1 - 18,1:1, Turbo, LLK, 24 Ventile	117,978	123,110	38,300	2,502		0,080	M900	0,000	HL 21512	7	037 HS 21513 000 025 050
	118,000	123,135	38,600	2,515		0,153		0,250 0,500			
F 16/470 01/1988...12/1989 F 16/485 01/1990...12/1992 FH 16/520 08/1993...12/2002 FH 16/550 12/0002...05/2005 FH 16/610 01/2003...08/2007 550 09/2005...	99,988	104,792	46,520	2,487		0,068	M900	0,250	PL 20439	6	037 PS 20440 025 050
	100,000	104,807	46,550	2,60		0,119		0,500			
TID 163 ES, TID 163 F16, TID 163 FH16 R 6 Diesel, , 250 - 382 kW (340 - 520 PS), 15:1	99,988	104,792	46,250	2,35		0,068	M900	0,000	PL 21510	6	037 PS 21511 000 025 050
	100,000	104,807	46,550	2,362		0,119		0,250 0,500			

Ø 144

52

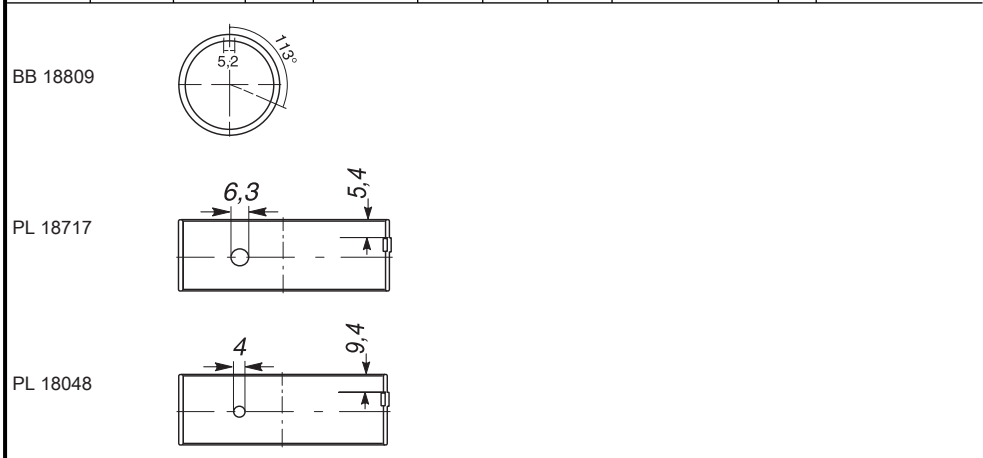
TD 162 FL R 6 Diesel, 16120 cm ³ , 357 kW (485 PS), 15:1, Turbo, LLK	117,978	123,110	38,300	2,502		0,080	M900	0,000	HL 20441	7	037 HS 20442 000
	118,000	123,135	38,600	2,515		0,153					
F 16/470 01/1988...12/1989 F 16/485 01/1990...12/1992	117,978	123,110	38,300	2,502		0,080	M900	0,000	HL 21512	7	037 HS 21513 000 025 050
	118,000	123,135	38,600	2,515		0,153		0,250 0,500			



VOLVO (PENTA)

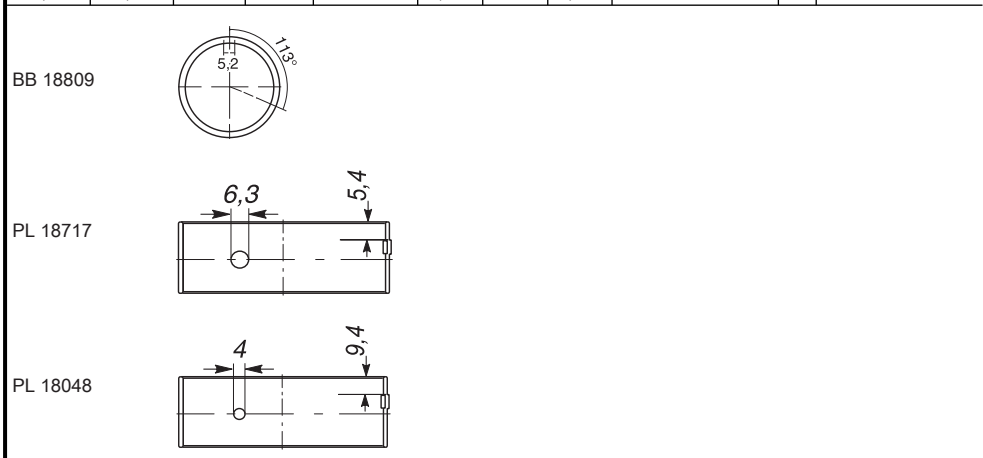
Ø 95,25 1

D 50 A, D 50 B, TD 50 A, TD 50 B R 6 Diesel, 5100 cm³, 78 - 121 kW (107 - 165 PS), 17:1	85,090	104,390		3,073			M901	0,000	AL 18783	4	037 AS 18784 000
	85,340	104,650		3,123							
	40,000	43,043	31,700				M114	Semi	BB 18809	6	037 BS 18810 300
	40,004	43,068									
	76,146	81,051	26,240	2,402		0,061	M114	0,000	HL 18050	7	037 HS 18051 210
76,162	81,076	26,500	2,414		0,126		0,254				220
								0,508			
63,449	67,323	34,000	1,902		0,056	M114	0,000	PL 18717	6	037 PS 18047 200	
63,462	67,336				0,108						
63,449	67,323	34,000	1,902		0,056	M114	0,000	PL 18048	6	037 PS 18049 200	
63,462	67,336				0,108		0,254				210



Ø 98,43 2

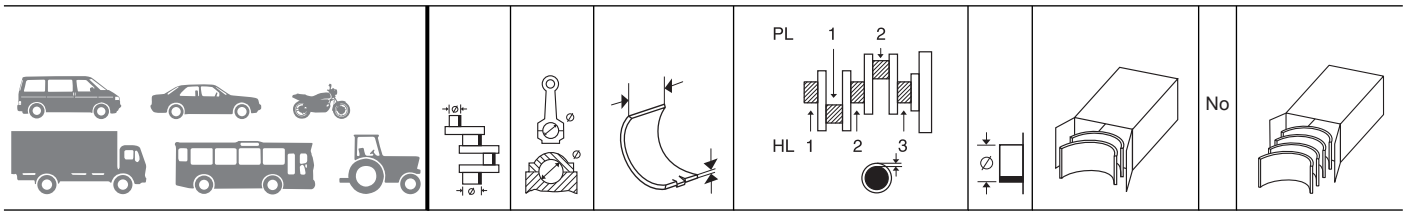
TD 60 D, TD 60 DG R 6 Diesel, 5480 cm³, 108 - 113 kW (147 - 154 PS), 16:1, Turbo, 12 Ventile	85,090	104,390		3,073			M901	0,000	AL 18783	4	037 AS 18784 000
	85,340	104,650		3,123							
	40,000	43,043	31,700				M114	Semi	BB 18809	6	037 BS 18810 300
	40,004	43,068									
	76,146	81,051	26,240	2,402		0,061	M114	0,000	HL 18050	7	037 HS 18051 210
76,162	81,076	26,500	2,414		0,126		0,254				220
								0,508			
63,449	67,323	34,000	1,902		0,056	M114	0,000	PL 18717	6	037 PS 18047 200	
63,462	67,336				0,108						
63,449	67,323	34,000	1,902		0,056	M114	0,000	PL 18048	6	037 PS 18049 200	
63,462	67,336				0,108		0,254				210



Ø 104,77 3.1

D 70 A, D 70 B R 6 Diesel, 6700 cm³, 106 - 110 kW (144 - 150 PS), 17:1, 12 Ventile	90,150	112,820		2,31			M114	0,000	AL 18786	4	037 AS 18785 000
				2,36							

Fortsetzung nächste Seite / Continued on next page



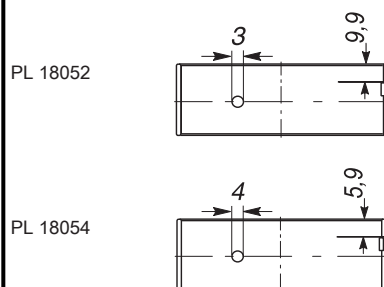
Ø 104,77 - Fortsetzung / Continued

3.2

D 70 A, D 70 B

R 6 Diesel, 6700 cm³, 106 - 110 kW (144 - 150 PS), 17:1, 12 Ventile

45,000 45,004	49,887 49,912	37,900				M114	Semi	BB 18811	6	037 BS 18812 300
82,535 82,550	88,483 88,508	30,600	2,935	1.-7.	0,063 0,127	M114	0,000 0,254 0,508	HL 18056	7	037 HS 18057 200 210 220
	28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
69,840 69,850	73,740 73,753	37,100	1,912		0,066 0,113	M114	0,000 0,254 0,508 0,762 1,016	PL 18052	6	037 PS 18053 200 210 220 230 240
69,840 69,850	73,740 73,753	37,100	1,912		0,066 0,113	M114	0,000 0,254 0,508	PL 18054	6	037 PS 18055 200 210 220
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	
68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1	
66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1	



Ø 104,77

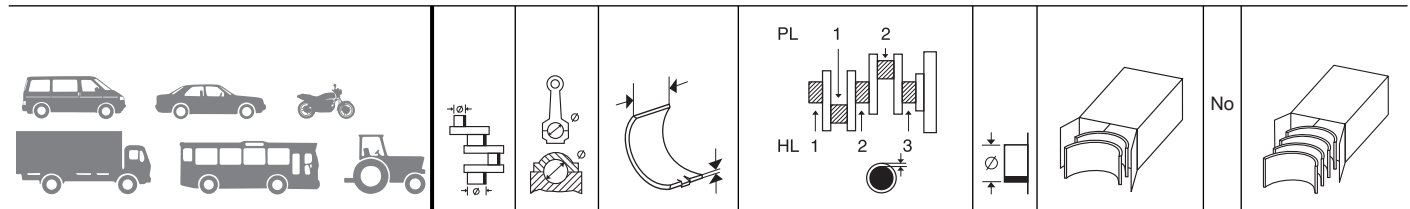
4.1

TD 70 A

R 6 Diesel, 6700 cm³, 136 kW (185 PS), 15,5:1, Turbo

90,150	112,820		2,31 2,36			M114	0,000	AL 18786	4	037 AS 18785 000
45,000 45,004	49,887 49,912	37,900				M114	Semi	BB 18811	6	037 BS 18812 300 <small>01/1983...</small>
82,535 82,550	88,483 88,508	30,600	2,935	1.-7.	0,063 0,127	M114	0,000 0,254 0,508	HL 18056	7	037 HS 18057 200 210 220
	28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300

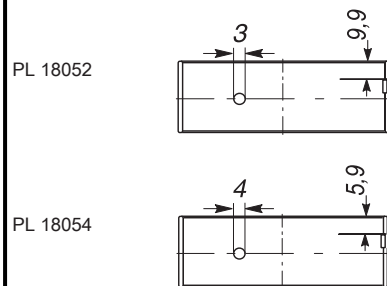
Fortsetzung nächste Seite / Continued on next page



Ø 104,77 - Fortsetzung / Continued

4.2

TD 70 A R 6 Diesel, 6700 cm³, 136 kW (185 PS), 15,5:1, Turbo	69,840 69,850	73,740 73,753	37,100	1,912			0,066 0,113	M114	0,000 0,254 0,508 0,762 1,016	PL 18052	6	037 PS 18053 200 210 220 230 240
	69,840 69,850	73,740 73,753	37,100	1,912			0,066 0,113	M114	0,000 0,254 0,508	PL 18054	6	037 PS 18055 200 210 220
	68,996 69,015	72,225 72,250	33,070 33,580				0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
	66,621 66,640	69,850 69,875	25,150 25,650				0,043 0,073	M23	0,000	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650				0,018 0,099	M23	0,000	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650				0,018 0,098	M23	0,000	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650				0,018 0,099	M23	0,000	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650				0,018 0,098	M23	0,000	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650				0,018 0,098	M23	0,000	NB 18117	1	
	68,996 69,015	72,225 72,250	33,070 33,580				0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300
	66,621 66,640	69,850 69,875	25,150 25,650				0,043 0,073	M23	Semi	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650				0,018 0,099	M23	Semi	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650				0,018 0,098	M23	Semi	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650				0,018 0,099	M23	Semi	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650				0,018 0,098	M23	Semi	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650				0,018 0,098	M23	Semi	NB 18117	1	

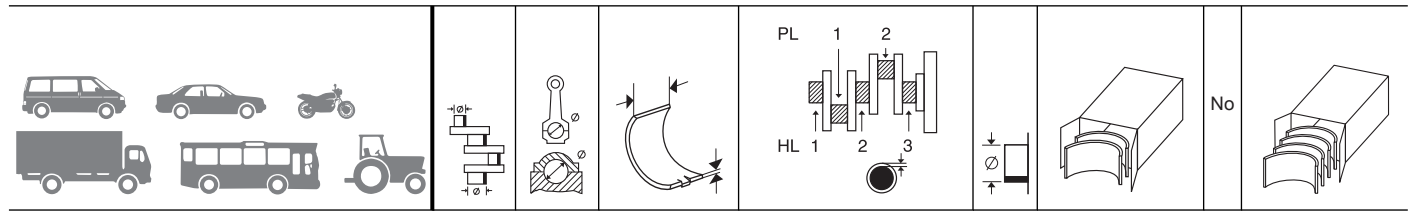


Ø 104,77

5.1

TD 70 C R 6 Diesel, 6700 cm³, 152 kW (207 PS), 15,5:1, Turbo	90,150	112,820		2,31 2,36			M114	0,000	AL 18786	4	037 AS 18785 000
	45,000 45,004	49,887 49,912	37,900				M114	Semi	BB 18811	6	037 BS 18812 300 <small>01/1983...</small>
	82,535 82,550	88,483 88,508	30,600	2,935	1.-7.	0,063 0,127	M114	0,000 0,254 0,508	HL 18056	7	037 HS 18057 200 210 220
		28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
	69,840 69,850	73,740 73,753	37,100	1,912		0,066 0,113	M114	0,000 0,254 0,508 0,762 1,016	PL 18052	6	037 PS 18053 200 210 220 230 240

Fortsetzung nächste Seite / Continued on next page



Ø 104,77 - Fortsetzung / Continued

5.2

TD 70 C R 6 Diesel, 6700 cm³, 152 kW (207 PS), 15,5:1, Turbo	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000	
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1		
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1		
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1		
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1		
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1		
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1		
	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	Semi	NB 18084	1		038 NS 18085 300
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	Semi	NB 18112	1		
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	Semi	NB 18113	1		
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	Semi	NB 18114	1		
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	Semi	NB 18115	1		
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	Semi	NB 18116	1		
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	Semi	NB 18117	1		
	PL 18052											

Ø 104,77

6

TD 71 A, TD 71 ACE, TD 71 AG, TD 71 AGP, TD 71 AP, TD 71 APB, TD 71 AW, TD 71 FS, TD 71 FSQ R 6 Diesel, 6700 cm³, 169 - 184 kW (220 - 250 PS), 15,5:1, Turbo, LLK, 12 Ventile	45,000 45,004	49,887 49,912	37,900				M114	Semi	BB 18811	6	037 BS 18812 300
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Ø 107

7

TAD 740 GE R 6 Diesel, 7280 cm³, 220 - 251 kW (295 - 341 PS), 17,2:1, Turbo	98,300 98,800	120,680 120,930		2,31 2,36			M250	0,000	AL 20092	4	038 AS 20093 000	
	90,528 90,550	96,483 96,508	30,200 30,400	2,92 2,932		0,071 0,144	M780	0,000 0,250 0,500	HL 20090	7		038 HS 20091 000 025 050
	73,831 73,850	77,740 77,753	36,850 37,050	1,91 1,922			M114	0,000 0,250 0,500	PL 20731	6		

Ø 120

8

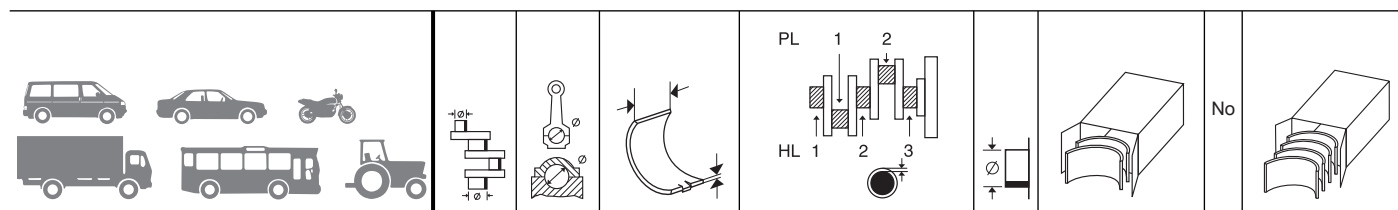
D 9 A, Euro 3 R 6 Diesel, 9364 cm³, 194 - 283 kW (264 - 384 PS), 18,6:1, Turbo, LLK, 4 Ventile	116,590 117,090	139,680 139,930		0,421 3,19			M250	0,100	AL 19921	2	038 AS 19922 010	
	107,978 108,000	113,040 113,065	31,800 32,000	2,484 2,497		0,046 0,119	M901	0,000 0,250 0,500	HL 20096	7		038 HS 20097 000 025 050
	87,987 88,000	92,835 92,850	44,800 45,100	2,385 2,395		0,045 0,093	M114	0,000 0,250 0,500	PL 20094	6		
	105,650 106,000	130,000 130,350		3,37 3,43			M901	0,000	AL 20784	4		061 AS 20785 000

Ø 120

9.1

TAD 950 VE, TAD 951 VE Diesel, 200 - 224 kW (271 - 304 PS), 20,2:1	116,590 117,090	139,680 139,930		0,421 3,19			M250	0,100	AL 19921	2	038 AS 19922 010
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Fortsetzung nächste Seite / Continued on next page



Ø 120 - Fortsetzung / Continued

9.2

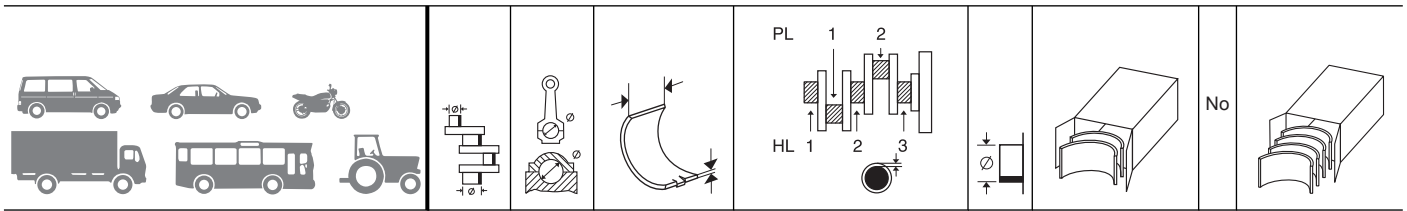
TAD 952 VE 6 Diesel, 9364 cm ³ , 234 - 252 kW (318 - 342 PS), 20,2:1, Hub 138mm	107,978 108,000	113,040 113,065	31,800 32,000	2,484 2,497		0,046 0,119	M901	0,000 0,250 0,500	HL 20096	7	038 HS 20097 000 025 050
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Ø 120,64

10.1

D 100 A, MD 100 B, TD 103 KB, TD 103 KD, TD 103 KF, THD 100 A, THD 102 KD, THD 103 KD R 6 Diesel, 9600 cm ³ , 122 - 252 kW (166 - 343 PS), 12 Ventile	108,460 108,960	139,850 140,350		2,31 2,36			M114	0,000 0,100	AL 10285	4	037 AS 10651 000 010
	52,000 52,004	57,300 57,346	48,850	2,90 2,95		0,018 0,026	M5	Semi	BB 18147	6	037 BS 18148 300
	99,978 100,000	104,978 105,003	37,340	2,442 2,455		0,068 0,141	M900	0,000 0,250 0,500 0,750 1,000	HL 10256	7	037 HS 10596 000 025 050 075 100
		28,175 28,196	22,960	1,73 1,81			M100	Semi	KB 18128	12	037 KS 18129 300
	86,003 86,018	90,925 90,940	45,470 45,720	2,783 3,171		0,065 0,121	M900	0,750 1,000	PL 10255	6	037 PS 10595 075 100 <small>01/1983...</small>
	86,003 86,018	90,925 90,940	45,470 45,720	2,408 3,421		0,065 0,121	M900	0,000 0,508 0,762 1,016	PL 10255	6	037 PS 10595 200 220 230 240 <small>01/1983...</small>
	86,003 86,018	90,925 90,940	45,720	2,408 2,421		0,065 0,121	M900	0,000 0,250 0,500 0,750 1,000	PL 10323	6	037 PS 10682 000 025 050 075 100
	68,996 69,015	72,225 72,250	33,070 33,580			0,018 0,098	M23	0,000	NB 18084	1	038 NS 18085 000
	66,621 66,640	69,850 69,875	25,150 25,650			0,043 0,073	M23	0,000	NB 18112	1	
	64,233 64,252	67,462 67,488	25,150 25,650			0,018 0,099	M23	0,000	NB 18113	1	
	63,446 63,465	66,675 66,700	25,150 25,650			0,018 0,098	M23	0,000	NB 18114	1	
	61,058 61,077	64,287 64,313	25,150 25,650			0,018 0,099	M23	0,000	NB 18115	1	
	60,271 60,290	63,500 63,525	25,150 25,650			0,018 0,098	M23	0,000	NB 18116	1	
	56,296 56,315	59,525 59,550	25,150 25,650			0,018 0,098	M23	0,000	NB 18117	1	

Fortsetzung nächste Seite / Continued on next page

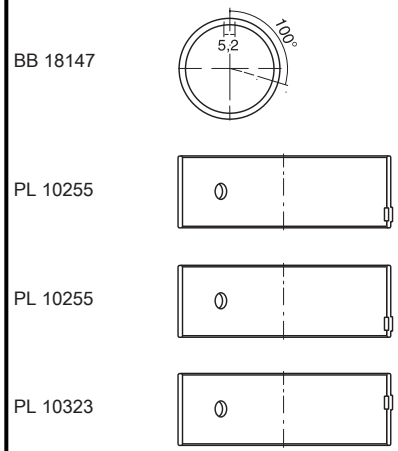


Ø 120,64 - Fortsetzung / Continued

10.2

D 100 A, MD 100 B, TD 103 KB, TD 103 KD, TD 103 KF, THD 100 A, THD 102 KD, THD 103 KD
 R 6 Diesel, 9600 cm³, 122 - 252 kW (166 - 343 PS), 12 Ventile

68,996 69,015	72,225 72,250	33,070 33,580				0,018 0,098	M23	Semi	NB 18084	1	038 NS 18085 300
66,621 66,640	69,850 69,875	25,150 25,650				0,043 0,073	M23	Semi	NB 18112	1	
64,233 64,252	67,462 67,488	25,150 25,650				0,018 0,099	M23	Semi	NB 18113	1	
63,446 63,465	66,675 66,700	25,150 25,650				0,018 0,098	M23	Semi	NB 18114	1	
61,058 61,077	64,287 64,313	25,150 25,650				0,018 0,099	M23	Semi	NB 18115	1	
60,271 60,290	63,500 63,525	25,150 25,650				0,018 0,098	M23	Semi	NB 18116	1	
56,296 56,315	59,525 59,550	25,150 25,650				0,018 0,098	M23	Semi	NB 18117	1	



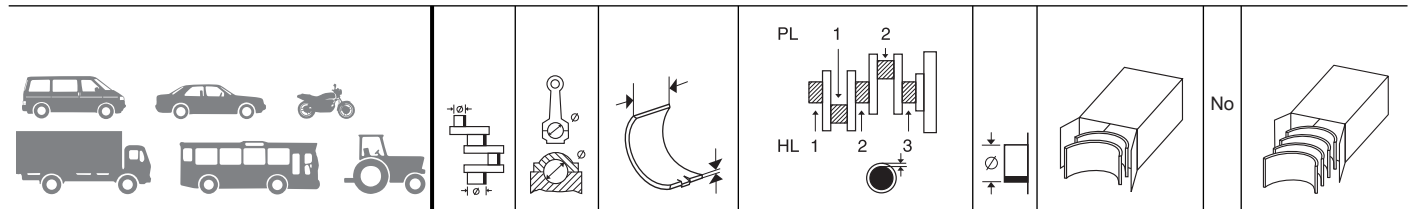
Ø 120,64

11.1

D 100 B
 R 6 Diesel, 9600 cm³, 147 kW (200 PS), 17:1, 12 Ventile

108,460 108,960	139,850 140,350		2,31 2,36				M114	0,000 0,100	AL 10285	4	037 AS 10651 000 010
52,000 52,004	57,300 57,346	48,850	2,90 2,95			0,018 0,026	M5	Semi	BB 18147	6	
99,978 100,000	104,978 105,003	37,340	2,442 2,455			0,068 0,141	M900	0,000 0,250 0,500 0,750 1,000	HL 10256	7	037 HS 10596 000 025 050 075 100
	28,175 28,196	22,960	1,73 1,81				M100	Semi	KB 18128	12	037 KS 18129 300
86,003 86,018	90,925 90,940	45,470 45,720	2,783 3,171			0,065 0,121	M900	0,750 1,000	PL 10255	6	037 PS 10595 075 100
86,003 86,018	90,925 90,940	45,470 45,720	2,408 3,421			0,065 0,121	M900	0,000 0,508 0,762 1,016	PL 10255	6	037 PS 10595 200 220 230 240
86,003 86,018	90,925 90,940	45,720	2,408 2,421			0,065 0,121	M900	0,000 0,250 0,500 0,750 1,000	PL 10323	6	037 PS 10682 000 025 050 075 100

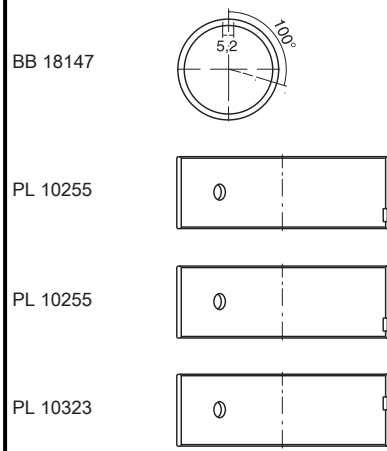
Fortsetzung nächste Seite / Continued on next page



Ø 120,64 - Fortsetzung / Continued

11.2

D 100 B R 6 Diesel, 9600 cm³, 147 kW (200 PS), 17:1, 12 Ventile	68,996	72,225	33,070			0,018	M23	0,000	NB 18084	1	038 NS 18085 000	
	69,015	72,250	33,580			0,098						
	66,621	69,850	25,150			0,043	M23	0,000	NB 18112	1		
	66,640	69,875	25,650			0,073						
	64,233	67,462	25,150			0,018	M23	0,000	NB 18113	1		
	64,252	67,488	25,650			0,099						
	63,446	66,675	25,150			0,018	M23	0,000	NB 18114	1		
	63,465	66,700	25,650			0,098						
	61,058	64,287	25,150			0,018	M23	0,000	NB 18115	1		
	61,077	64,313	25,650			0,099						
	60,271	63,500	25,150			0,018	M23	0,000	NB 18116	1		
	60,290	63,525	25,650			0,098						
	56,296	59,525	25,150			0,018	M23	0,000	NB 18117	1		
	56,315	59,550	25,650			0,098						
	68,996	72,225	33,070			0,018	M23	Semi	NB 18084	1		038 NS 18085 300
	69,015	72,250	33,580			0,098						
	66,621	69,850	25,150			0,043	M23	Semi	NB 18112	1		
	66,640	69,875	25,650			0,073						
64,233	67,462	25,150			0,018	M23	Semi	NB 18113	1			
64,252	67,488	25,650			0,099							
63,446	66,675	25,150			0,018	M23	Semi	NB 18114	1			
63,465	66,700	25,650			0,098							



Ø 130

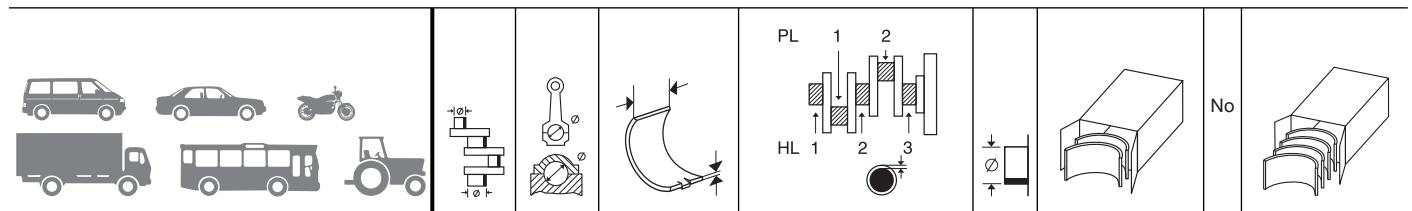
12

TAD 1241 VE, Euro 2 6 Diesel, 1240 cm³, 17,5:1, Hub 150mm, 2 Ventile	91,978	96,835	48,870	2,508		0,043	M114	0,250	038 PL 19914 025 050	6	038 PS 19915 025 050
	92,000	96,850	49,030	2,646		0,106		0,500			
038 PL 19914 025											

Ø 131

13


TAD 1240 GE, TAD 1241 GE, TAD 1242 GE, Euro 2 6 Diesel, 12130 cm³, 301 - 430 kW (409 - 584 PS), 17,5:1, Turbo, LLK	91,978	96,835	48,870	2,508		0,043	M114	0,250	038 PL 19914 025 050	6	038 PS 19915 025 050
	92,000	96,850	49,030	2,646		0,106		0,500			
038 PL 19914 025											



VW

Ø 67,1

1

AER R 4 Benzin, 999 cm³, 37 kW (50 PS), 10,5:1, 8 Ventile LUPO 1.0 POLO 1.0 09/1998...07/2005 09/1996...10/1999	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
	53,958 53,978	59,000 59,019	24,860 24,910	2,502	3.	0,020 0,082	M157	0,000 0,250	FL 10079	1	029 HS 10039 000 025
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.4.5.	0,016 0,079	M183	0,000 0,250	HL 18109	4	
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000	029 LB 18191 000 Semi	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
HL 18109 											

Ø 67,1

2

ALD, AUC R 4 Benzin, 998 cm³, 37 kW (50 PS), 10,7:1, 8 Ventile LUPO 1.0 POLO 1.0 09/1998...07/2005 10/1999...09/2001	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
ALL, ANV R 4 Benzin, 999 cm³, 37 kW (50 PS), 10,7:1, 8 Ventile LUPO 1.0 POLO 1.0 09/1998...07/2005 09/1996...10/1999	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 67,1

3

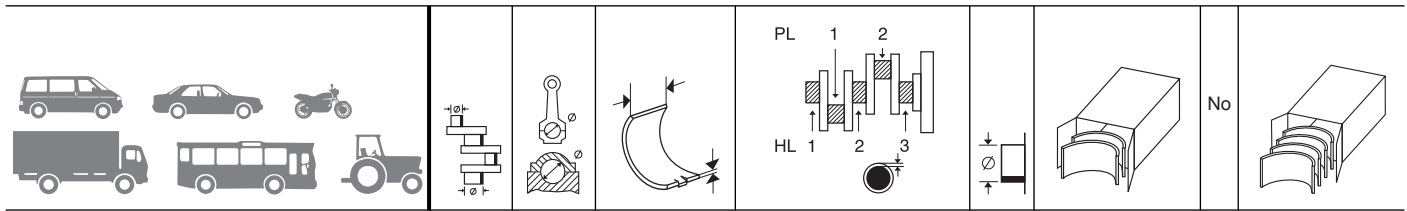
ATE R 4 Benzin, 999 cm³, 37 kW (50 PS), 10,7:1, 8 Ventile	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
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Ø 69,5

4.1

FA, GG, HB, HC, HD R 4 Benzin, 1093 cm³, 37 - 44 kW (50 - 60 PS), 8:1 - 9,7:1 DERBY 1.1 GOLF I 1.1 JETTA I 1.1 POLO 1.1 SCIROCOCO 1.1 02/1977...07/1983 04/1974...07/1983 08/1979...12/1983 03/1975...09/1989 04/1974...07/1979	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
	53,958 53,978	59,000 59,019	24,860 24,910	2,502	3.	0,020 0,082	M157	0,000 0,250	FL 10079	1	029 HS 10039 000 025
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.4.5.	0,016 0,079	M183	0,000 0,250	HL 18109	4	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	41,950 41,970	45,000 45,016	18,000	1,494 1,506		0,018 0,078	M100	0,000 0,250 0,500 0,750 1,000	PL 18062	4	034 PS 18063 000 025 050 075 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 69,5 - Fortsetzung / Continued

4.2

FA, GG, HB, HC, HD R 4 Benzin, 1093 cm ³ , 37 - 44 kW (50 - 60 PS), 8:1 - 9,7:1 DERBY 1.1 02/1977...07/1983 GOLF I 1.1 04/1974...07/1983 JETTA I 1.1 08/1979...12/1983 POLO 1.1 03/1975...09/1989 SCIROCCO 1.1 04/1974...07/1979	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
	HL 18109										
	HL 18066										

Ø 69,5

5

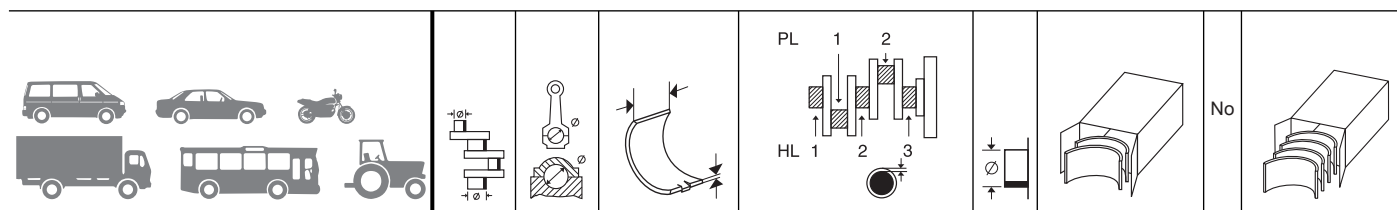
FJ R 4 Benzin, 1093 cm ³ , 38 kW (52 PS), 8,2:1 GOLF I 1.1 01/1981...07/1983	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
									1,000			100
	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000	
	53,978	59,019		2,503		0,079		0,250			025	
								1,000				100
	53,958	59,000	24,860	2,502	3.	0,020	M157	0,000	FL 10079	1	029 HS 10039 000	
53,978	59,019	24,910			0,082		0,250				025	
53,958	59,000	18,500	2,491	1.2.4.5.	0,016	M183	0,000	HL 18109	4			
53,978	59,019		2,503		0,079		0,250					
41,950	45,000	18,000	1,494		0,018	M100	0,000	PL 18062	4	034 PS 18063 000		
41,970	45,016		1,506		0,078		0,250			025		
							0,500				050	
							0,750				075	
							1,000				100	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1			
41,975	45,025		3,27		0,066		0,000	000				
	HL 18109											

Ø 69,5

6.1

HA R 4 Benzin, 895 cm ³ , 29 kW (40 PS), 8:1, 8 Ventile DERBY 0.9 02/1977...09/1981 POLO 0.9 09/1975...12/1981	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
									1,000			100
	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000	
	53,978	59,019		2,503		0,079		0,250			025	
								1,000				100
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000	
53,978	59,019	25,030	2,503		0,079		0,250			025		
							0,500				050	
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3			
53,978	59,019		2,503		0,079		0,250					
							0,500					
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
53,978	59,019		2,503		0,079		0,250					
							0,500					
41,950	45,000	18,000	1,494		0,018	M100	0,000	PL 18062	4	034 PS 18063 000		
41,970	45,016		1,506		0,078		0,250			025		
							0,500				050	
							0,750				075	
							1,000				100	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				

Fortsetzung nächste Seite / Continued on next page



Ø 69,5 - Fortsetzung / Continued

6.2

HA R 4 Benzin, 895 cm³, 29 kW (40 PS), 8:1, 8 Ventile DERBY 0.9 02/1977...09/1981 POLO 0.9 09/1975...12/1981	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27			0,066		0,000	000		
HL 18109												
HL 18066												

Ø 75

7

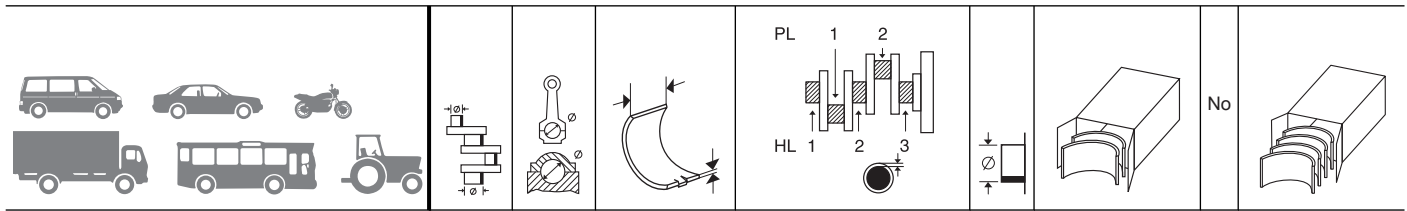
1W R 4 Diesel, 1398 cm³, 35 kW (48 PS), 22.5:1, 8 Ventile POLO 1.4 D 08/1990...09/1994	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97					0,250			025
ACM R 4 Benzin, 1043 cm³, 33 kW (45 PS), 10:1 POLO 1.0 KAT 08/1989...09/1994	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975								100
GK, MN, PY R 4 Benzin, 1272 cm³, 33 - 85 kW (44 - 115 PS), 8:1 - 22:1 DERBY 1.3 09/1982...12/1984 POLO 1.3 09/1982...09/1989 POLO 1.3 D 08/1986...08/1990 POLO 1.3 G40 01/1987...09/1994	53,958	59,000	18,500	2,491	1.-5.		0,016	M183	0,000	HL 18109	5	029 HS 10038 000
	53,978	59,019		2,503			0,079		0,250			025
53,958	59,000	24,860	2,502	3.			0,020	M157	0,000	FL 10079	1	029 HS 10039 000
	53,978	59,019	24,910	2,502			0,082		0,250			025
53,958	59,000	18,500	2,491	1.2.4.5.			0,016	M183	0,000	HL 18109	4	
	53,978	59,019	2,503				0,079		0,250			100
53,958	59,000	24,910	2,491	3.			0,016	M100	0,000	FL 18110	1	029 HS 18071 000
	53,978	59,019	25,030	2,503			0,079		0,250			025
53,958	59,000	18,500	2,491	1.2.5.			0,016	M100	0,000	HL 18066	3	050
	53,978	59,019	2,503				0,079		0,250			100
53,958	59,000	18,500	2,491	4.			0,016	M183	0,000	HL 18109	1	
	53,978	59,019	2,503				0,079		0,250			050
41,950	45,000	18,000	1,494				0,018	M100	0,000	PL 18062	4	034 PS 18063 000
	41,970	45,016	1,506				0,078		0,500			025
42,959	46,000	15,000	1,70				0,025	M11	0,000	029 LB 18191 000	1	025
	42,975	46,025	1,77				0,066		Semi	300		100
41,959	45,000	15,000	1,70				0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025	3,27				0,066		0,000	000		
HL 18109												
HL 18066												

Ø 75

8.1

2G R 4 Benzin, 1272 cm³, 40 kW (54 PS), 9:1, 8 Ventile GOLF II 1.3 I 06/1986...12/1992 JETTA II 1.3 KAT 06/1987...12/1991 POLO 1.3 KAT 07/1987...09/1994	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97					0,250			025
53,958	59,000	18,500	2,491	1.-5.			0,016	M183	0,000	HL 18109	5	029 HS 10038 000
	53,978	59,019	2,503				0,079		0,250			025
41,950	45,000	18,000	1,494				0,018	M100	0,000	PL 18062	4	034 PS 18063 000
	41,970	45,016	1,506				0,078		0,500			025
42,959	46,000	15,000	1,70				0,025	M11	0,000	029 LB 18191 000	1	025
	42,975	46,025	1,77				0,066		Semi	300		100

Fortsetzung nächste Seite / Continued on next page



Ø 75 - Fortsetzung / Continued

8.2

2G R 4 Benzin, 1272 cm ³ , 40 kW (54 PS), 9:1, 8 Ventile GOLF II 1.3 I JETTA II 1.3 KAT POLO 1.3 KAT	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300 000	1
	41,975	45,025		3,27			0,066		0,000		
06/1986...12/1992 06/1987...12/1991 07/1987...09/1994	HL 18109										

Ø 75

9

3F, AAV, NZ R 4 Benzin, 1272 cm ³ , 40 - 57 kW (54 - 78 PS), 9,2:1, 8 Ventile GOLF II 1.3 I JETTA II 1.3 KAT POLO 1.3 POLO 1.3 KAT	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97					0,250 1,000			
06/1986...12/1992 06/1987...12/1991 03/1991...09/1994 07/1987...09/1994	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975								
ABD R 4 Benzin, 1390 cm ³ , 40 - 44 kW (55 - 60 PS), 9,2:1, 8 Ventile GOLF III 1.4 VENTO 1.4	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000 025 100	
	53,978	59,019		2,503		0,079		0,250 1,000				
06/1986...12/1992 06/1987...12/1991 10/1991...04/1999 11/1991...09/1998	41,950	45,000	18,000	1,494		0,018	M100	0,000	PL 18062	4	034 PS 18063 000 025 050 075 100	
	41,970	45,016		1,506		0,078		0,250 0,500 0,750 1,000				
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
	42,975	46,025		1,77		0,066		Semi				
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1		
	41,975	45,025		3,27		0,066		0,000				
	HL 18109											

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10

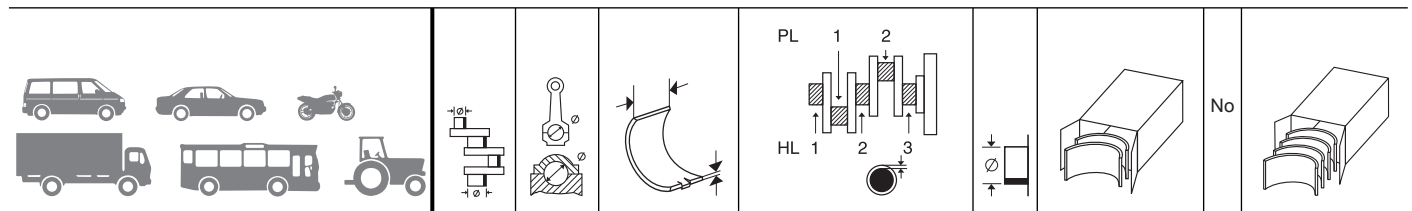
AAK, AEV, HZ R 4 Benzin, 1043 cm ³ , 33 - 37 kW (45 - 50 PS), 9,5:1 - 10:1 DERBY 1.0 GOLF II 1.0 POLO 1.0 POLO 1.0 KAT	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97					0,250 1,000			
08/1981...12/1984 08/1985...10/1991 01/1985...09/1996 08/1989...09/1994	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975								
	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000 025 100	
	53,978	59,019		2,503		0,079		0,250 1,000				
	53,958	59,000	24,860	2,502	3.	0,020	M157	0,000	FL 10079	1	029 HS 10039 000 025	
	53,978	59,019	24,910			0,082		0,250				
	53,958	59,000	18,500	2,491	1.2.4.5.	0,016	M183	0,000	HL 18109	4		
	53,978	59,019		2,503		0,079		0,250				
	41,950	45,000	18,000	1,494		0,018	M100	0,000	PL 18062	4	034 PS 18063 000 025 050 075 100	
	41,970	45,016		1,506		0,078		0,250 0,500 0,750 1,000				
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
	42,975	46,025		1,77		0,066		Semi				
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1		
	41,975	45,025		3,27		0,066		0,000				
	HL 18109											

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11.1


AAU, GN R 4 Benzin, 1043 cm ³ , 33 - 37 kW (45 - 50 PS), 10:1, 8 Ventile GOLF II 1.0 POLO 1.0 POLO 1.0 KAT	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97					0,250 1,000			
11/1983...08/1985 01/1985...12/1999 08/1989...09/1994	53,958	59,000	18,500	2,491	1.-5.	0,016	M183	0,000	HL 18109	5	029 HS 10038 000 025 100	
	53,978	59,019		2,503		0,079		0,250 1,000				
	53,958	59,000	24,860	2,502	3.	0,020	M157	0,000	FL 10079	1	029 HS 10039 000 025	
	53,978	59,019	24,910			0,082		0,250				
	53,958	59,000	18,500	2,491	1.2.4.5.	0,016	M183	0,000	HL 18109	4		
	53,978	59,019		2,503		0,079		0,250				

Fortsetzung nächste Seite / Continued on next page






Ø 75 - Fortsetzung / Continued

11.2

GL R 4 Benzin, 1050 cm ³ , 29 kW (40 PS), 9,5:1, 8 Ventile DERBY 1.0 10/1981...12/1984 POLO 1.0 10/1981...10/1986	41,950	45,000	18,000	1,494		0,018	M100	0,000	PL 18062	4	034 PS 18063 000 025 050 075 100
	41,970	45,016		1,506		0,078		0,250			
HJ R 4 Benzin, 1272 cm ³ , 43 kW (58 PS), 8,2:1 DERBY 1.3 02/1977...09/1981 POLO 1.3 10/1981...07/1982	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1	
	42,975	46,025		1,77		0,066		Semi			
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1	
	41,975	45,025		3,27		0,066		0,000			
HL 18109 											

Ø 75

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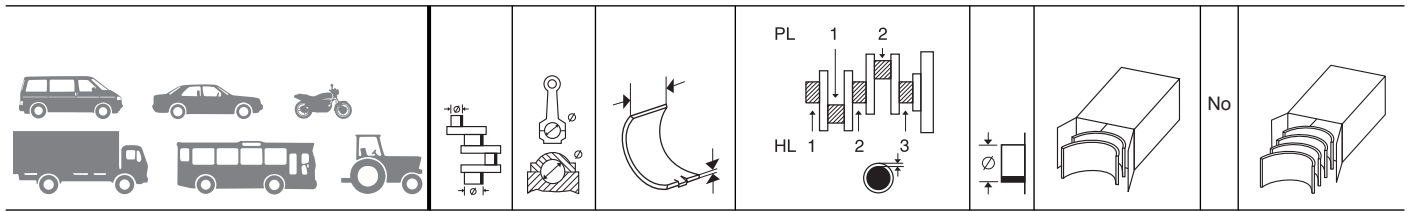
EP R 4 Benzin, 1296 cm ³ , 44 kW (60 PS), 9:1, 8 Ventile PASSAT 1.3 08/1980...07/1986	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
ZA R 4 Benzin, 1297 cm ³ , 40 kW (55 PS), 8,5:1 PASSAT 1.3 05/1973...01/1978	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022					
ZA R 4 Benzin, 1297 cm ³ , 40 kW (55 PS), 8,5:1 PASSAT 1.3 05/1973...01/1978	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250			
ZF R 4 Benzin, 1281 cm ³ , 44 kW (60 PS), 8 Ventile PASSAT 1.3 05/1973...01/1978	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
	45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000 025 050
	45,978	49,012				0,062		0,250			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1	
	42,975	46,025		1,77		0,066		Semi			
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1	
	41,975	45,025		3,27		0,066		0,000			
HL 18066 											
HL 18109 											
PL 10351 											

Ø 75

13.1

EU R 4 Benzin, 1296 cm ³ , 44 kW (60 PS), 9:1 PASSAT 1.3 08/1980...07/1986	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300
	20,000	23,052		1,80		0,021					
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			

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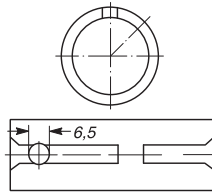


Ø 75 - Fortsetzung / Continued

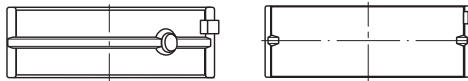
13.2

EU R 4 Benzin, 1296 cm ³ , 44 kW (60 PS), 9:1 PASSAT 1.3 08/1980...07/1986	47,758	50,600	19,000	1,393			0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,778	50,612					0,052		0,250			
	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1	000
	41,975	45,025		3,27			0,066		0,000			

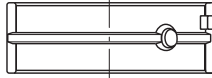
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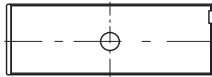
HL 18066



HL 18109



PL 18145



Ø 75

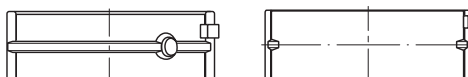
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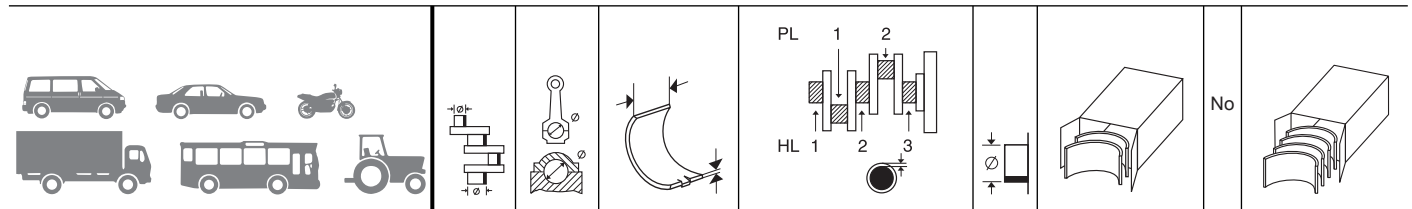
FY, FZ, HK, MH, NU R 4 Benzin, 1272 cm ³ , 37 - 44 kW (50 - 60 PS), 8,2:1 - 9,5:1, 8 Ventile	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97					0,250			
DERBY 1.3 08/1983...12/1984 GOLF I 1.3 08/1983...07/1986 GOLF II 1.3 08/1983...12/1987 GOLF II 1.3 I 06/1986...12/1992 JETTA II 1.3 01/1984...06/1987 JETTA II 1.3 KAT 06/1987...12/1991 PASSAT 1.3 05/1973...07/1986 POLO 1.3 08/1983...07/1988 POLO 1.3 KAT 07/1987...09/1994 SANTANA 1.3 08/1981...07/1983 SCIROCCO 1.3 08/1983...07/1984	53,958	59,000	18,500	2,491	1.-5.		0,016	M183	0,000	HL 18109	5	029 HS 10038 000 025 100
	53,978	59,019		2,503			0,079		0,250			
	53,958	59,000	24,860	2,502	3.		0,020	M157	0,000	FL 10079	1	029 HS 10039 000 025
	53,978	59,019	24,910				0,082		0,250			
	53,958	59,000	18,500	2,491	1.2.4.5.		0,016	M183	0,000	HL 18109	4	029 HS 18071 000 025 050
	53,978	59,019		2,503			0,079		0,250			
	53,958	59,000	18,500	2,491	1.2.5.		0,016	M100	0,000	HL 18066	3	0,250 0,500
	53,978	59,019		2,503			0,079		0,500			
	53,958	59,000	18,500	2,491	4.		0,016	M183	0,000	HL 18109	1	0,250 0,500
	53,978	59,019		2,503			0,079		0,500			
	41,950	45,000	18,000	1,494			0,018	M100	0,000	PL 18062	4	034 PS 18063 000 025 050 075 100
	41,970	45,016		1,506			0,078		0,250			
	42,959	46,000	15,000	1,70			0,025	M11	0,000	029 LB 18191 000	1	300
	42,975	46,025		1,77			0,066		Semi			
	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1	000
	41,975	45,025		3,27			0,066		0,000			

HL 18109



HL 18066





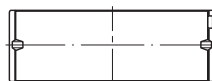
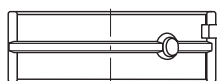
Ø 75 15

GF, GT, HW R 4 Benzin, 1272 cm³, 37 - 43 kW (50 - 58 PS), 8,2:1 - 9,5:1, 8 Ventile DERBY 1.3 GOLF I 1.3 GOLF II 1.3 JETTA II 1.3 POLO 1.3 SCIROCCO 1.3	08/1983...12/1984	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	08/1979...07/1983	53,958 53,978	59,000 59,019	24,860 24,910	2,502	3.	0,020 0,082	M157	0,000 0,250	FL 10079	1	029 HS 10039 000 025
	08/1983...10/1986	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.4.5.	0,016 0,079	M183	0,000 0,250	HL 18109	4	
	01/1984...10/1986	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	10/1981...07/1988	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	08/1979...12/1983	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
		41,950 41,970	45,000 45,016	18,000	1,494 1,506		0,018 0,078	M100	0,000 0,250 0,500 0,750 1,000	PL 18062	4	034 PS 18063 000 025 050 075 100
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
		41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

HL 18109



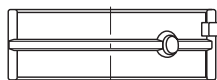
HL 18066



Ø 75 16

GS R 4 Benzin, 1272 cm³, 43 kW (58 PS), 8,2:1, 8 Ventile GOLF I 1.3 JETTA I 1.3	08/1982...12/1983	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
	08/1982...02/1984	53,958 53,978	59,000 59,019	24,860 24,910	2,502	3.	0,020 0,082	M157	0,000 0,250	FL 10079	1	029 HS 10039 000 025
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.4.5.	0,016 0,079	M183	0,000 0,250	HL 18109	4	
		41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

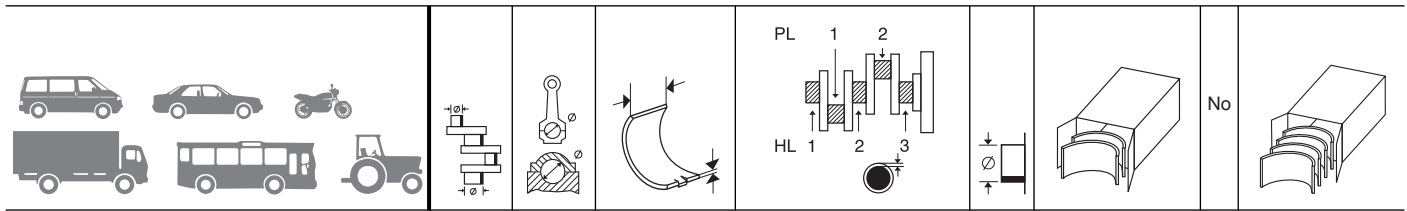
HL 18109



Ø 75 17.1



HH R 4 Benzin, 1272 cm³, 44 kW (60 PS), 8,2:1, 8 Ventile DERBY 1.3 POLO 1.3	02/1977...07/1983	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	12/1976...07/1983	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
		41,950 41,970	45,000 45,016	18,000	1,494 1,506		0,018 0,078	M100	0,000 0,250 0,500 0,750 1,000	PL 18062	4	034 PS 18063 000 025 050 075 100
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 75 - Fortsetzung / Continued

17.2

HH R 4 Benzin, 1272 cm³, 44 kW (60 PS), 8,2:1, 8 Ventile DERBY 1.3 POLO 1.3 02/1977...07/1983 12/1976...07/1983	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
HL 18066											
HL 18109											


Ø 76,5

18

1E R 6 Benzin, 2383 cm³, 70 kW (95 PS), 8,1:1, 12 Ventile LT 2.4 LT 2.4 I 08/1988...07/1994 08/1989...06/1996	23,994	27,000	25,000	1,70		0,016	M100	Semi	BB 18080	6	029 BS 18828 300
	24,000	27,021		1,78		0,029					
CP R 6 Diesel, 2387 cm³, 55 kW (75 PS), 23,5:1, 12 Ventile LT 2.4 D 12/1978...07/1992	57,958	63,000	18,500	2,502	1.-7.	0,016	M900	0,000	HL 18817	7	029 HS 18814 000
	57,978	63,019				0,079		0,500			050

Ø 76,5

19

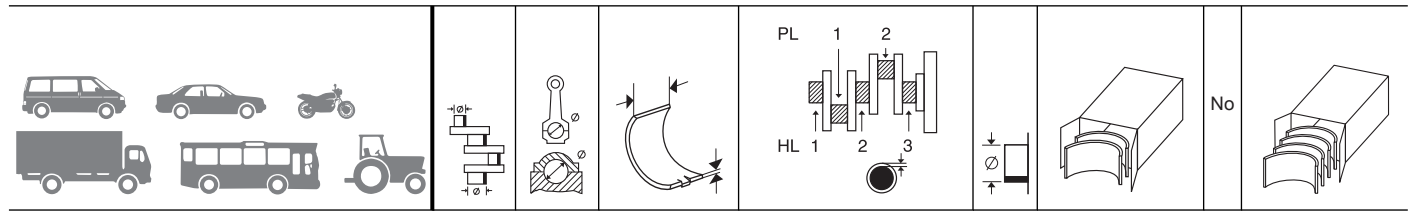
1G, DV R 6 Diesel, 2384 cm³, 68 - 80 kW (92 - 109 PS), 23:1, Turbo, 12 Ventile LT 2.4 TD 08/1978...09/1993	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000
				1,97							
1S, DW R 6 Diesel, 2387 cm³, 51 - 57 kW (70 - 78 PS), 23,5:1, 12 Ventile LT 2.4 D 12/1978...06/1996	23,994	27,000	25,000	1,70		0,016	M100	Semi	BB 18080	6	029 BS 18828 300
	24,000	27,021		1,78		0,029					
ACL, ACT, DL R 6 Diesel, 2383 cm³, 51 - 66 kW (70 - 90 PS), 8,1:1 - 23:1, Turbo, LLK, 12 Ventile LT 2.4 LT 2.4 D LT 2.4 TD 12/1982...07/1992 08/1989...06/1996 06/1992...06/1996	57,958	63,000	18,500	2,502	1.2.4.5.6.7	0,016	M900	0,000	HL 18817	6	029 HS 18816 000
	57,978	63,019				0,079		0,250			025
57,958 57,978	63,000 63,019	18,500 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750 1,000	FL 18818	1	6	029 HS 18816 000 025 050 075 100
47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	6	6	029 PS 19906 000 025 050
PL 19903 											

Ø 76,5

20.1

1V R 4 Diesel, 1588 cm³, 44 kW (60 PS), 23:1, Turbo, 8 Ventile GOLF II 1.6 TD JETTA II 1.6 TD 08/1989...10/1991 01/1990...10/1991	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250 1,000			025 100
59,000 59,750	72,950 73,200	1,925 1,975					M157	0,000	AL 20557	4	029 AS 20558 000
23,994 24,000	27,000 27,021	25,000	1,70 1,78			0,016	M100	Semi	BB 18080	4	029 BS 18081 300
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000	0,250 0,750	HL 18066	4	029 HS 18067 000
53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000	0,250 0,750	HL 18109	1	029 HS 18067 000
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000	0,250	HL 18066	5	029 HS 19761 000

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

20.2

1V R 4 Diesel, 1588 cm³, 44 kW (60 PS), 23:1, Turbo, 8 Ventile GOLF II 1.6 TD 08/1989...10/1991 JETTA II 1.6 TD 01/1990...10/1991	47,758	50,600	18,700	1,394			0,010	M215	0,000	PL 10342	4	029 PS 10722 000 025 050 075	
	47,778	50,619	19,000	1,406			0,073		0,250				
	47,758	50,600	18,700	1,395			0,012	M114	0,000	PL 19903	4		029 PS 19905 000 025 050
	47,778	50,619	19,000	1,406			0,067		0,250				
	42,959	46,000	15,000	1,70			0,025	M11	0,000	029 LB 18191 000 300	1		
	42,975	46,025		1,77			0,066		Semi				
	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300 000	1		
	41,975	45,025		3,27			0,066		0,000				

HL 18066



HL 18109



PL 10342



PL 19903



Ø 76,5

21

685, 686, 68A, 68C, ADK R 4 Diesel, 1588 cm³, 36 - 50 kW (49 - 68 PS), 22,5:1 - 23:1, 8 Ventile BKR R 4 Benzin, 1390 cm³, 55 kW (75 PS), 10,5:1 FOX 1.4 04/2005...	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975								

Ø 76,5

22

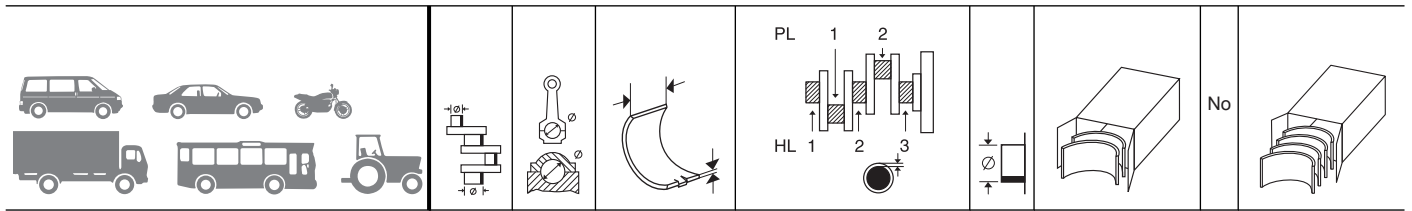
ABU, AEA R 4 Benzin, 1598 cm³, 55 kW (75 PS), 9,3:1 - 9,8:1, 8 Ventile GOLF III 1.6 09/1992...08/1997 POLO 1.6 10/1994...10/1999 VENTO 1.6 09/1992...09/1998	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97					0,250			
	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975					1,000			
	53,958	59,000	18,500	2,491	1-5.		0,016	M183	0,000	HL 18109	5	029 HS 10038 000 025 100
	53,978	59,019		2,503			0,079		0,250			
ADX R 4 Benzin, 1296 cm³, 40 kW (55 PS), 10:1, 8 Ventile POLO 1.3 10/1994...07/1995	47,763	50,600	18,500	1,406			0,020	M114	0,000	PL 10080	4	029 PS 10224 000 025 050 075
	47,778	50,612					0,062		0,250			
	42,959	46,000	15,000	1,70			0,025	M11	0,000	029 LB 18191 000 300	1	
	42,975	46,025		1,77			0,066		Semi			
	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300 000	1	
	41,975	45,025		3,27			0,066		0,000			

HL 18109



PL 10080

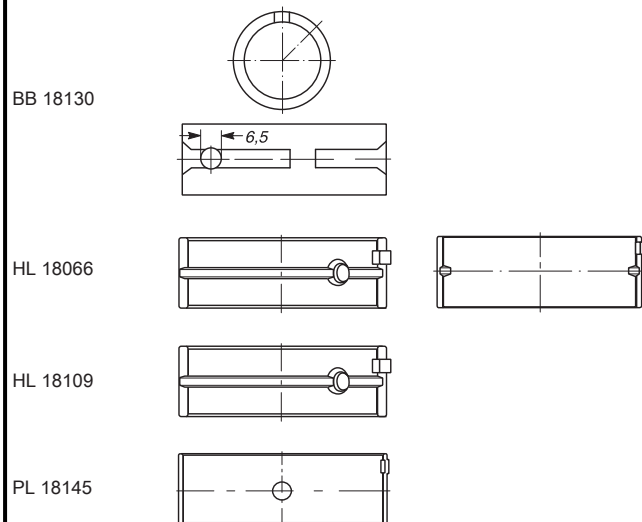


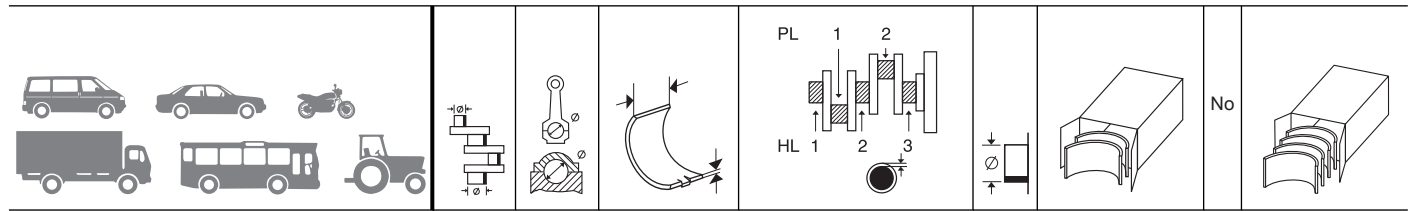


Ø 76,5

23

AEE R 4 Benzin, 1598 cm³, 55 kW (75 PS), 9,8:1, 8 Ventile CADDY II 1.6 GOLF III 1.6 POLO 1.6 VENTO 1.6	11/1995...12/2000	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	09/1992...08/1997	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	10/1994...09/2001	21,996 22,000	25,000 25,033	25,000	1,70 1,77		0,012 0,022	M100	Semi	BB 18082	4	029 BS 18083 300
	09/1992...09/1998	19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	4	029 BS 18131 300
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
		53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
		53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
		47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
		47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
		41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	





Ø 76,5

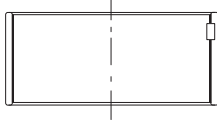
24

AEX R 4 Benzin, 1390 cm ³ , 40 - 44 kW (55 - 60 PS), 10,2:1, 8 Ventile CADDY II 1.4 GOLF III 1.4 POLO 1.4 VENTO 1.4	11/1995...01/2004	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	10/1991...04/1999	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	07/1995...09/2001	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
	11/1991...09/1998	47,763 47,778	50,600 50,612	18,500	1,406		0,020 0,062	M114	0,000 0,250 0,500 0,750	PL 10080	4	029 PS 10224 000 025 050 075
		47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
		41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

HL 18109



PL 10080



Ø 76,5

25

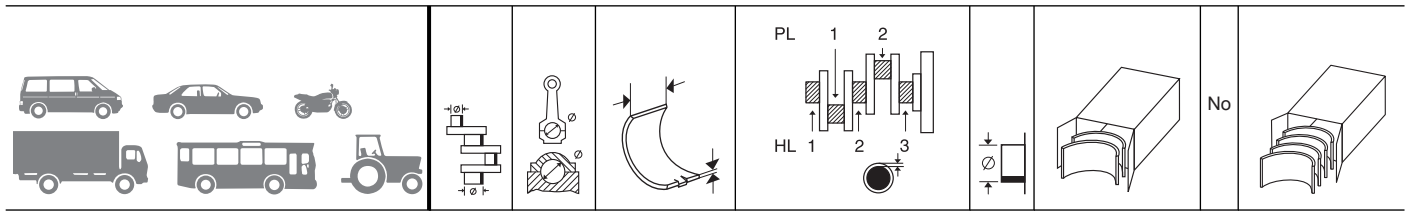
AFH R 4 Benzin, 1390 cm ³ , 74 kW (100 PS), 10,5:1, 16 Ventile POLO 1.4	04/1996...10/1999	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
		59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
		53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
		53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
		41,950 41,970	45,000 45,016	18,000	1,494 1,506		0,018 0,078	M100	0,000 0,250 0,500 0,750 1,000	PL 18062	4	034 PS 18063 000 025 050 075 100
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
		41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

HL 18109



HL 18066





Ø 76,5										26	
AFK, AKP, AKQ, AXP, BBZ R 4 Benzin, 1390 cm³, 40 - 74 kW (55 - 101 PS), 10,2:1 - 10,5:1, 16 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
BORA 1.4 03/2000...05/2005	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
GOLF IV 1.4 08/1997...06/2006	53,978	59,019	18,500	2,507		0,056		0,250 0,500			025 050
LUPO 1.4 09/1998...07/2005	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
POLO 1.4 12/1998...05/2008	41,975	45,025		3,27		0,066		0,000			

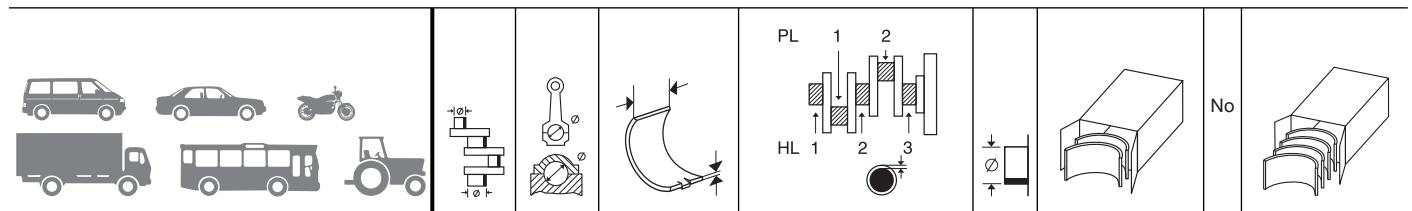
Ø 76,5										27	
AHS R 4 Benzin, 1598 cm³, 55 kW (75 PS), 9,8:1, 8 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
POLO 1.6 10/1994...10/1999	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi	029 LB 18192 300	1	
								0,000			000

Ø 76,5										28	
AHW R 4 Benzin, 1390 cm³, 55 kW (75 PS), 16 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000
BORA 1.4 03/2000...05/2005	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
GOLF IV 1.4 08/1997...06/2006	53,978	59,019	18,500	2,507		0,056		0,250 0,500			025 050
LUPO 1.4 09/1998...07/2005	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
POLO 1.4 10/1999...09/2001	47,778	50,612	17,200	1,406		0,049		0,250 0,500			025 050
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi	029 LB 18192 300	1	
								0,000			000

Ø 76,5										29	
AJV, ATN, AUS, BCB R 4 Benzin, 1598 cm³, 77 kW (105 PS), 10,6:1 - 11,5:1, 16 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
BORA 1.6 02/2000...05/2005	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
GOLF IV 1.6 02/2000...06/2006	53,978	59,019	18,500	2,507		0,056		0,250 0,500			025 050
POLO 1.6 09/1998...10/1999	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi	029 LB 18192 300	1	
								0,000			000

Ø 76,5										30	
AKK, ANW, APE, AQQ, AUA, AUB, AUD, BBY, BCA, BKY R 4 Benzin, 1390 cm³, 44 - 74 kW (60 - 101 PS), 10,4:1 - 10,5:1, 16 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
BORA 1.4 03/2000...05/2005	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
CADDY II 1.4 11/1995...01/2004	53,978	59,019	18,500	2,507		0,056		0,250 0,500			025 050
CADDY III 1.4 03/2004...05/2006	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
GOLF IV 1.4 08/1997...06/2006	47,778	50,612	17,200	1,406		0,049		0,250 0,500			025 050
GOLF V 1.4 I 10/2003...	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
GOLF PLUS 1.4 01/2005...	41,975	45,025		3,27		0,066		0,000			000
LUPO 1.4 09/1998...07/2005											
NEW BEETLE 1.4 11/2001...09/2010											
POLO 1.4 12/1995...05/2008											

Ø 76,5										31	
AKV, ANX, APQ R 4 Benzin, 1390 cm³, 40 - 44 kW (54 - 60 PS), 10,2:1, 8 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
CADDY II 1.4 11/1995...01/2004	53,963	59,000	18,300	2,50		0,008	M916	0,000	HL 21051	5	029 HS 21018 000
GOLF III 1.4 07/1993...04/1999	53,978	59,019	18,500	2,507		0,056		0,250 0,500			025 050
POLO 1.4 07/1995...09/2001	47,763	50,600	17,000	1,40		0,010	M920	0,000	PL 20036	4	029 PS 20037 000
	47,778	50,612	17,200	1,406		0,049		0,250 0,500			025 050
ALM R 4 Benzin, 1598 cm³, 55 kW (75 PS), 9,8:1, 8 Ventile	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi	029 LB 18192 300	1	
POLO 1.6 11/1995...09/2001								0,000			000



Ø 76,5

32

ARC, AVY, BAD, BLF, BLP, BTS R 4 Benzin, 1598 cm³, 77 - 92 kW (105 - 125 PS), 16 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
BORA 1.6 FSI 01/2002...05/2005 EOS 1.6 FSI 06/2006...	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507			M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
GOLF IV 1.6 FSI 01/2002...06/2006 GOLF V 1.6 FSI 10/2003... GOLF PLUS 1.6 FSI 01/2005...05/2008 JETTA III 1.6 FSI 09/2005...10/2010 LUPO 1.6 GTI 09/2000...07/2005 PASSAT 1.6 FSI 03/2005...06/2008 POLO 1.6 05/2006...11/2009 POLO 1.6 GTI 10/1999...09/2001 POLO STUFENHECK 1.6 01/2007...12/2010 TOURAN I 1.6 FSI 02/2003...01/2007	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406			M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050
BUD, BWK, CAVE R 4 Benzin, 1390 cm³, 59 - 132 kW (80 - 180 PS) GOLF VI 1.4 07/2009... GOLF PLUS 1.4 05/2006... POLO 1.4 GTI 05/2010... TIGUAN 1.4 TSI 09/2007...											

Ø 76,5

33

AXU R 4 Benzin, 1390 cm³, 63 kW (86 PS), 12:1, 4 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
POLO 1.4 FSI 05/2002...07/2006	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.		M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406			M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050
	41,959 41,975	45,000 45,025	15,000	1,70 3,27			M11	Semi 0,066	029 LB 18192 300 000	1	
	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406			M920	0,000 0,250 0,500	PL 20036	4	
	<p>HL 18109</p>										

Ø 76,5

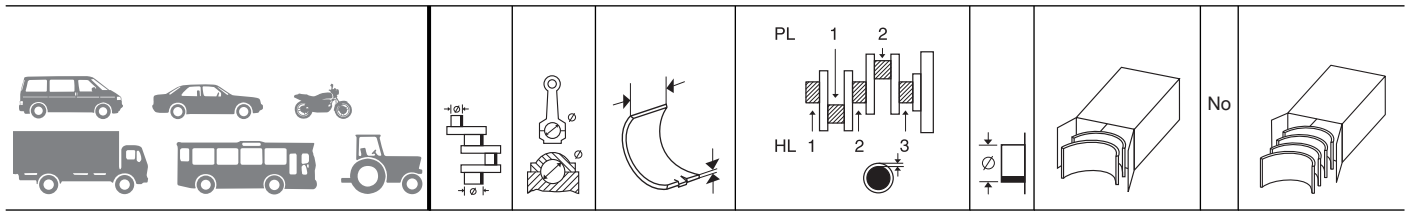
34

BAG, CFNA R 4 Benzin, 1598 cm³, 77 kW (105 PS), 10,5:1, 16 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
GOLF V 1.6 FSI 10/2003... POLO 1.6 01/2010... TOURAN I 1.6 FSI 02/2003...01/2007	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406			M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050
CGGA R 4 Benzin, 1390 cm³, 59 kW (80 PS), 10,5:1 GOLF VI 1.4 10/2008...11/2012 GOLF PLUS 1.4 05/2006...											

Ø 76,5

35

BKG, CMSB R 4 Benzin, 1390 cm³, 66 - 90 kW (90 - 122 PS), 10:1, 4 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
GOLF V 1.4 FSI 10/2003... JETTA IV 1.4 TSI 05/2011... SCIROCCO 1.4 TSI 09/2008...											
CLSA R 4 Benzin, 1598 cm³, 77 kW (105 PS), 10,5:1, 16 Ventile POLO 1.6 01/2010...											



Ø 76,5 **36**

BLG, BLN, BMY, CDGA, CNWA, CTHA, CTKA R 4 Benzin, 1390 cm³, 66 - 118 kW (90 - 160 PS), 16 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
GOLF V 1.4 FSI 10/2003... GOLF V 1.4 TSI 11/2005...11/2008 GOLF VI 1.4 TSI 10/2008...11/2012 GOLF PLUS 1.4 FSI 07/2005...05/2006 GOLF PLUS 1.4 TSI 05/2006...06/2008	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
JETTA III 1.4 TSI 07/2006... JETTA IV 1.4 TSI 04/2011... PASSAT 1.4 TSI 01/2009...11/2010 SCIROCCO 1.4 TSI 09/2008... SHARAN II 1.4 TSI 07/2010... TIGUAN 1.4 TSI 09/2007... TOURAN I 1.4 FSI 12/2006...05/2010 TOURAN I 1.4 TSI 02/2006...05/2010 TOURAN II 1.4 TSI 05/2010...	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050

Ø 76,5 **37**

BLM, CGGB R 4 Benzin, 1390 cm³, 63 kW (85 PS) POLO 1.4 06/2009...	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050
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Ø 76,5 **38**

BSV R 4 Benzin, 1423 cm³, 54 kW (73 PS), 8 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000

Ø 76,5 **39**

CAVA, CAVB, CAVD, CTHD R 4 Benzin, 1390 cm³, 110 - 125 kW (150 - 170 PS), 16 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
EOS 1.4 TSI 05/2008... GOLF VI 1.4 TSI 10/2008...11/2012 GOLF PLUS 1.4 TSI 06/2008... JETTA III 1.4 TSI 07/2008... JETTA IV 1.4 TSI 04/2011... PASSAT 1.4 TSI 11/2012... SCIROCCO 1.4 TSI 09/2008... SHARAN II 1.4 TSI 07/2010... TIGUAN 1.4 TSI 09/2007...05/2011 TOURAN I 1.4 FSI 12/2006...05/2010 TOURAN II 1.4 TSI 05/2010...	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050

Ø 76,5 **40**

CAVC, Euro 5 R 4 Benzin, 1391 cm³, 103 kW (140 PS), 10:1, 16 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
TOURAN I 1.4 TSI 02/2006...05/2010 TOURAN II 1.4 TSI 05/2010...	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050

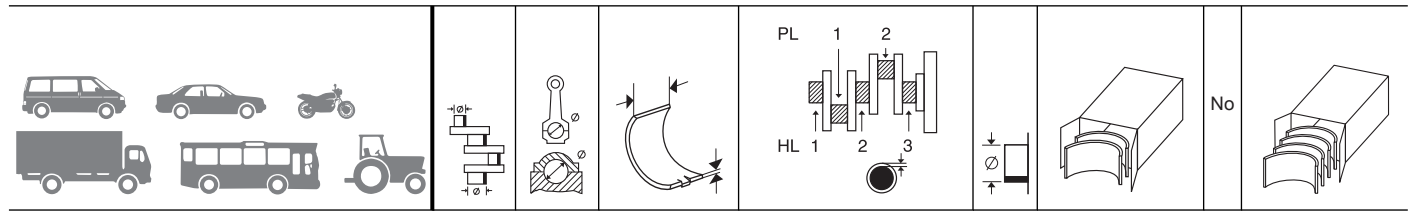
Ø 76,5 **41**

CAXA R 4 Benzin, 1390 cm³, 90 kW (122 PS), 10:1, 4 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
EOS 1.4 TSI 11/2007... GOLF V 1.4 TSI 05/2007...07/2009 GOLF VI 1.4 TSI 10/2008...11/2012 GOLF PLUS 1.4 TSI 06/2007... JETTA IV 1.4 TSI 05/2011... PASSAT 1.4 TSI 05/2007... SCIROCCO 1.4 TSI 09/2008... TIGUAN 1.4 TSI 08/2010...	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,963 53,978	59,000 59,019	18,300 18,500	2,50 2,507		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050
	47,763 47,778	50,600 50,612	17,000 17,200	1,40 1,406		0,010 0,049	M920	0,000 0,250 0,500	PL 20036	4	029 PS 20037 000 025 050

Ø 76,5 **42.1**

CK R 4 Diesel, 1471 cm³, 37 kW (50 PS), 23,5:1, 8 Ventile	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
GOLF I 1.5 D 08/1976...07/1980 JETTA I 1.5 D 08/1979...07/1980 PASSAT 1.5 D 02/1977...07/1980	21,996 22,000	25,000 25,033	25,000	1,70 1,77		0,012 0,022	M100	Semi	BB 18082	4	029 BS 18083 300

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

42.2

CK R 4 Diesel, 1471 cm³, 37 kW (50 PS), 23,5:1, 8 Ventile GOLF I 1.5 D 08/1976...07/1980 JETTA I 1.5 D 08/1979...07/1980 PASSAT 1.5 D 02/1977...07/1980	53,958 53,978	59,000 59,019	24,860 24,910	2,502	3.	0,020 0,082	M157	0,000 0,250	FL 10079	1	029 HS 10039 000 025
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.4.5.	0,016 0,079	M183	0,000 0,250	HL 18109	4	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	45,958 45,978	49,000 49,012	19,000	1,506		0,010 0,062	M780	0,000 0,250 0,500	PL 10351	4	034 PS 18670 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
HL 18109											
HL 18066											
PL 10351											

Ø 76,5

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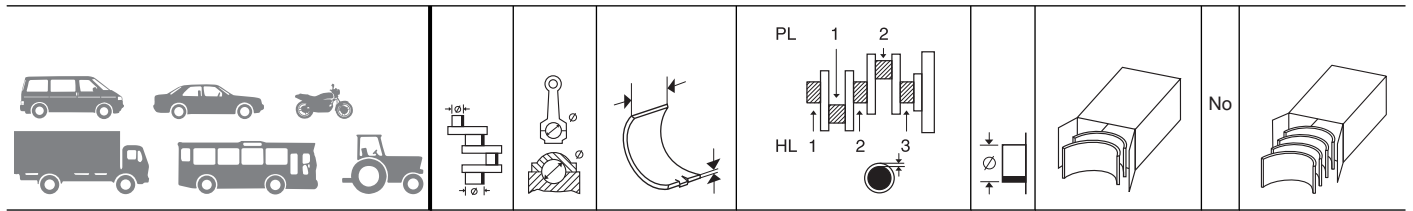
CNKA R 4 Benzin, 1598 cm³, 60 kW (82 PS), 16 Ventile POLO 1.6 01/2011...	53,963 53,978	59,000 59,019	18,300 18,500	2,50		0,008 0,056	M916	0,000 0,250 0,500	HL 21051	5	029 HS 21018 000 025 050

Ø 76,5

44.1

CR, CS R 4 Diesel, 1588 cm³, 37 kW (50 PS), 23,5:1 GOLF I 1.6 D 08/1980...07/1983 JETTA I 1.6 D 08/1980...12/1983 PASSAT 1.6 D 02/1979...03/1988 SANTANA 1.6 D 08/1981...12/1984 T3 1.6 D 01/1981...07/1987	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	23,994 24,000	27,000 27,021	25,000	1,70 1,78		0,016 0,029	M100	Semi	BB 18080	4	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500 0,750	PL 10342	4	029 PS 10722 000 025 050 075
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

44.2

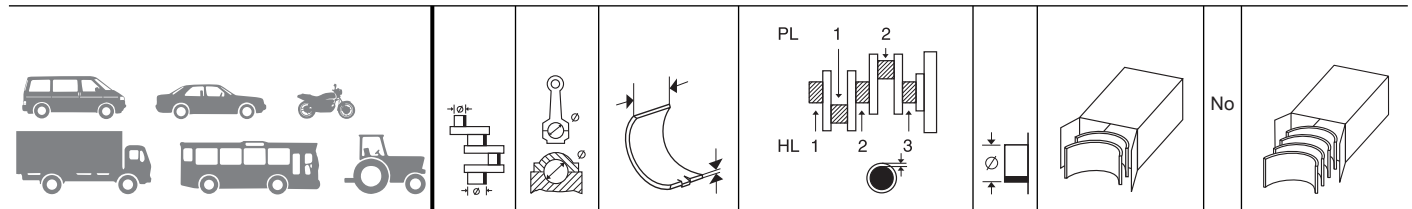
CR, CS R 4 Diesel, 1588 cm³, 37 kW (50 PS), 23,5:1	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
GOLF I 1.6 D JETTA I 1.6 D PASSAT 1.6 D SANTANA 1.6 D T3 1.6 D											
08/1980...07/1983											
08/1980...12/1983											
02/1979...03/1988											
08/1981...12/1984											
01/1981...07/1987											
HL 18066											
HL 18109											
PL 10342											
PL 18145											
PL 19903											

Ø 76,5

45.1

CY R 4 Diesel, 1588 cm³, 51 kW (70 PS), 23:1	23,994 24,000	27,000 27,021	25,000	1,70 1,78		0,016 0,029	M100	Semi	BB 18080	4	029 BS 18081 300
GOLF I 1.6 TD JETTA I 1.6 TD PASSAT 1.6 TD SANTANA 1.6 TD											
03/1982...07/1983											
03/1982...12/1983											
04/1982...03/1988											
12/1981...12/1984											
53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.		0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.		0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.		0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406			0,010 0,073	M215	0,000 0,250 0,500 0,750	PL 10342	4	029 PS 10722 000 025 050 075
47,758 47,778	50,600 50,612	19,000	1,393			0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406			0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
42,959 42,975	46,000 46,025	15,000	1,70 1,77			0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

45.2

CY R 4 Diesel, 1588 cm³, 51 kW (70 PS), 23:1 GOLF I 1.6 TD 03/1982...07/1983 JETTA I 1.6 TD 03/1982...12/1983 PASSAT 1.6 TD 04/1982...03/1988 SANTANA 1.6 TD 12/1981...12/1984	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
	HL 18066										
	HL 18109										
	PL 10342										
	PL 18145										
PL 19903											

Ø 76,5

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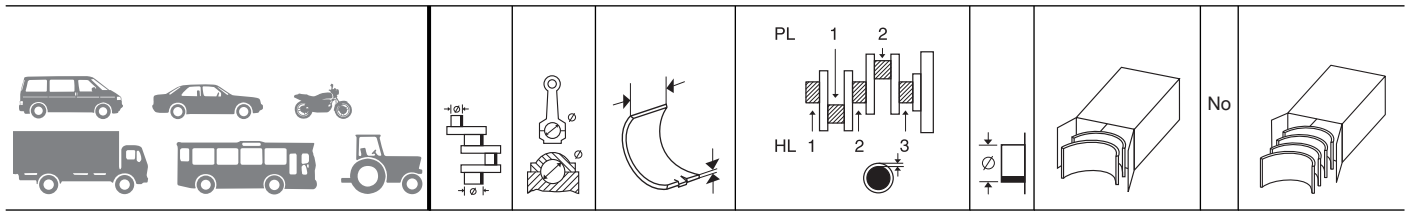
FD R 4 Benzin, 1470 cm³, 55 - 63 kW (75 - 86 PS), 9,7:1, 8 Ventile	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050	
	53,978	59,019	25,030	2,503		0,079		0,250				
								0,500				
		53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
		53,978	59,019		2,503		0,079		0,250			
									0,500			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
								0,500				
	45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000 025 050	
	45,978	49,012				0,062		0,250				
								0,500				
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
	42,975	46,025		1,77		0,066		Semi	300			
									000			
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
	41,975	45,025		3,27		0,066		0,000	000			
HL 18066												
HL 18109												
PL 10351												

Ø 76,5

47.1

FH, YJ R 4 Benzin, 1470 cm³, 51 - 63 kW (70 - 86 PS), 8,2:1 - 9,7:1, 8 Ventile	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250			
								1,000			
GOLF I 1.5 04/1974...07/1975 PASSAT 1.5 07/1973...12/1975 SCIROCCO 1.5 02/1974...12/1975	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022					
ZB, ZC R 4 Benzin, 1471 cm³, 55 - 63 kW (75 - 85 PS), 9,7:1, 8 Ventile	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250			
									0,750		
PASSAT 1.5 05/1973...12/1975 SCIROCCO 1.5 02/1974...12/1977	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
									0,750		

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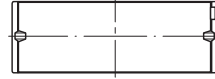


Ø 76,5 - Fortsetzung / Continued

47.2

FH, YJ R 4 Benzin, 1470 cm³, 51 - 63 kW (70 - 86 PS), 8,2:1 - 9,7:1, 8 Ventile GOLF I 1.5 PASSAT 1.5 SCIROCCO 1.5	04/1974...07/1975	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	07/1973...12/1975 02/1974...12/1975	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
ZB, ZC R 4 Benzin, 1471 cm³, 55 - 63 kW (75 - 85 PS), 9,7:1, 8 Ventile PASSAT 1.5 SCIROCCO 1.5	05/1973...12/1975	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	034 PS 18670 000 025 050
	02/1974...12/1977	45,958 45,978	49,000 49,012	19,000	1,506		0,010 0,062	M780	0,000 0,250 0,500	PL 10351	4	
		42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
		41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

HL 18066



HL 18109



PL 10351



Ø 76,5

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HS, IE R 6 Benzin, 2383 cm³, 62 - 70 kW (84 - 95 PS)		63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
		63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
		57,958 57,978	63,000 63,019	18,500	2,502	1.-7.	0,016 0,079	M900	0,000 0,500	HL 18817	7	029 HS 18814 000 050
		57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.7	0,016 0,079	M900	0,000 0,250 0,500 0,750 1,000	HL 18817	6	
		57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,250 0,500 0,750 1,000	FL 18818	1	
		47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	6	029 PS 19906 000 025 050

PL 19903

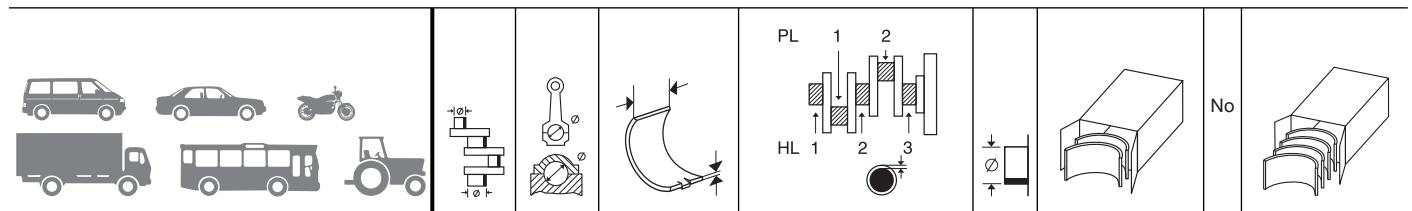


Ø 76,5

49.1

JK, JX R 4 Diesel, 1588 cm³, 40 - 51 kW (54 - 70 PS), 23,5:1 CADDY I 1.6 D GOLF I 1.6 D JETTA I 1.6 D PASSAT 1.6 D PASSAT STUFENHECK 1.6 D08/1984...03/1988 SANTANA 1.6 D T3 1.6 TD	08/1982...07/1992	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	08/1980...07/1983 08/1980...12/1983 08/1980...03/1988 08/1981...12/1984 08/1984...07/1992	23,994 24,000	27,000 27,021	25,000	1,70 1,78		0,016 0,029	M100	Semi	BB 18080	4	

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

49.2

JK, JX R 4 Diesel, 1588 cm³, 40 - 51 kW (54 - 70 PS), 23,5:1 CADDY I 1.6 D 08/1982...07/1992 GOLF I 1.6 D 08/1980...07/1983 JETTA I 1.6 D 08/1980...12/1983 PASSAT 1.6 D 08/1980...03/1988 PASSAT STUFENHECK 1.6 D 08/1984...03/1988 SANTANA 1.6 D 08/1981...12/1984 T3 1.6 TD 08/1984...07/1992	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3		
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1		
	47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500 0,750	PL 10342	4		029 PS 10722 000 025 050 075
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4		
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4		029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		

HL 18066



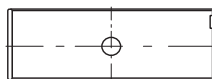
HL 18109



PL 10342



PL 18145



PL 19903

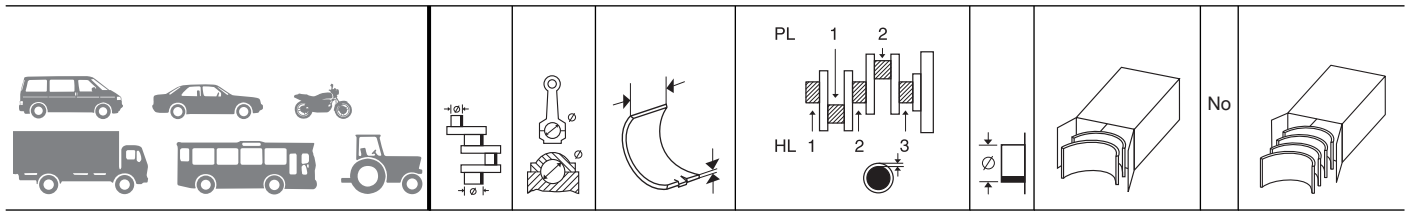


Ø 76,5

50.1

JP R 4 Diesel, 1588 cm³, 40 kW (54 PS), 23,5:1, 8 Ventile GOLF II 1.6 D 08/1983...10/1991 JETTA II 1.6 D 01/1984...10/1991	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100	
	23,994 24,000	27,000 27,021	25,000	1,70 1,78		0,016 0,029	M100	Semi	BB 18080	4		029 BS 18081 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5		
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5		029 HS 19761 000 025
	47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500 0,750	PL 10342	4		
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4		029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		

Fortsetzung nächste Seite / Continued on next page



Ø 76,5 - Fortsetzung / Continued

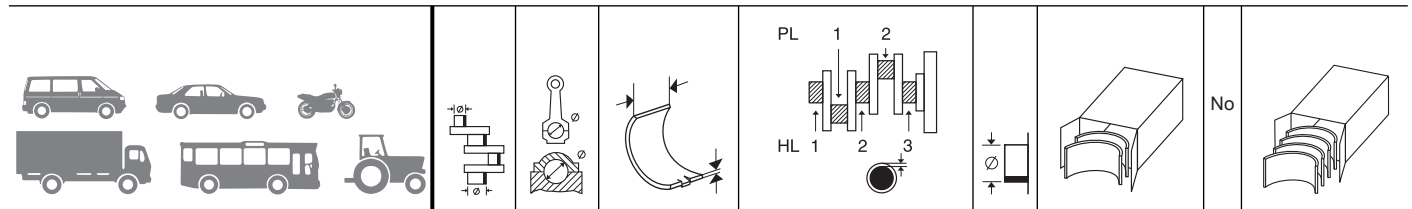
50.2

JP R 4 Diesel, 1588 cm³, 40 kW (54 PS), 23,5:1, 8 Ventile GOLF II 1.6 D JETTA II 1.6 D	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27		0,066		0,000	000	
08/1983...10/1991	HL 18109									
01/1984...10/1991	HL 18066									
	PL 10342									
	PL 19903									

Ø 76,5

51

JR, ME, MF, RA, SB R 4 Diesel, 1588 cm³, 40 - 59 kW (54 - 80 PS), 23:1 - 23,5:1, Turbo, 8 Ventile CADDY I 1.6 D GOLF II 1.6 D JETTA II 1.6 TD PASSAT 1.6 TD	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
08/1982...07/1992	59,000 72,950 1,925 M157 0,000 AL 20557 4 029 AS 20558 000										
08/1983...10/1991	59,750 73,200 1,975 M157 0,000 AL 20557 4 029 AS 20558 000										
01/1984...10/1991	23,994 27,000 25,000 1,70 0,016 M100 Semi BB 18080 4 029 BS 18081 300										
05/1986...09/1993	24,000 27,021 1,78 0,029 M100 Semi BB 18080 4 029 BS 18081 300										
	53,958 59,000 18,500 2,491 1.-5. 0,016 M183 0,000 HL 18109 5 029 HS 10038 000										
	53,978 59,019 2,503 0,079 M183 0,250 HL 18109 5 029 HS 10038 000										
	53,958 59,000 18,500 2,491 1.-5. 0,016 M100 0,000 HL 18066 5 029 HS 19761 000										
	53,978 59,019 2,503 0,079 M100 0,250 HL 18066 5 029 HS 19761 000										
	47,758 50,600 18,700 1,394 0,010 M215 0,000 PL 10342 4 029 PS 10722 000										
	47,778 50,619 19,000 1,406 0,073 M215 0,250 PL 10342 4 029 PS 10722 000										
	47,758 50,600 18,700 1,395 0,012 M114 0,000 PL 19903 4 029 PS 19905 000										
	47,778 50,619 19,000 1,406 0,067 M114 0,250 PL 19903 4 029 PS 19905 000										
	42,959 46,000 15,000 1,70 0,025 M11 0,000 029 LB 18191 000										
	42,975 46,025 1,77 0,066 M11 Semi 300										
	41,959 45,000 15,000 1,70 0,025 M11 Semi 029 LB 18192 300										
	41,975 45,025 3,27 0,066 M11 Semi 000										
	HL 18109										
	HL 18066										
	PL 10342										
	PL 19903										



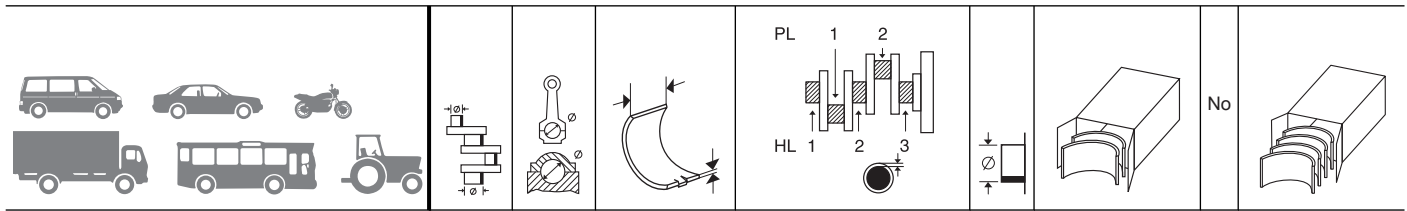
Ø 77 52

113, AB B 4 Benzin, 1285 cm³, 29 - 32 kW (40 - 44 PS), 7,3:1 - 7,5:1 KAEFER 1300 1.3 01/1970...01/1973 KAEFER 1302 1.3 08/1970...08/1972 KAEFER 1303 1.3 07/1970...03/1981 KARMANN 1300 07/1970...07/1974	54,971	65,500	27,046	5,227	1.	0,036	M83	0,000	FL 19255	1	029 HS 19254 000 025 050
	54,990	65,519	27,091	5,237				0,250			
	54,971	65,500	22,000	5,273	2.	0,012	M780	0,000	HL 19256	1	
	54,990	65,519		5,285		0,060		0,250			
113, 122 B 4 Benzin, 1192 cm³, 18 - 25 kW (25 - 34 PS), 7,3:1 - 7,5:1	54,971	65,500	21,700	5,23	3.	0,030	M83	0,000	HL 19257	1	
	54,990	65,519	22,000	5,24		0,088		0,250			
D B 4 Benzin, 1200 cm³, 25 kW (34 PS) KAEFER 1200 1.2 01/1960...12/1985 KAEFER 1302 1.2 08/1969...08/1972 KAEFER 1303 1.2 07/1972...12/1979 KARMANN GHIA 1200 08/1955...12/1965	39,984	50,500	15,000	5,222	4.	0,034	M83	0,000	HL 19258	1	
	40,000	50,516		5,233		0,088		0,250			
FL 19255											029 PS 18133 000 025 050

Ø 79,5 53.1

1X, 1Y, AHG R 4 Diesel, 1896 cm³, 42 - 50 kW (57 - 68 PS), 19,5:1 - 22,5:1, 8 Ventile CADDY II 1.9 D 11/1995...01/2004 GOLF III 1.9 D 11/1991...04/1999 PASSAT 1.9 D 05/1989...10/1993 POLO 1.7 SDI 04/1997...10/1999 POLO 1.9 D 01/1996...10/1996 T4 1.9 D 07/1990...12/1995 VENTO 1.9 D 11/1991...09/1998	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100	
	59,750	73,200		1,97				0,250				
	59,000	72,950		1,925			M157	0,000	AL 20557	4		029 AS 20558 000
	59,750	73,200		1,975				1,000				
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4		029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250				
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1		029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,500				
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3			
53,978	59,019		2,503		0,079		0,250					
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
53,978	59,019		2,503		0,079		0,250					
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025		
53,978	59,019		2,503		0,079		0,250					
47,758	50,600	18,700	1,396		0,012	M114	0,000	PL 10225	4	029 PS 10248 000 025 050		
47,778	50,619	19,000	1,406		0,067		0,500					
47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000 025 050 075		
47,778	50,619	19,000	1,406		0,073		0,500					
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050		
47,778	50,619	19,000	1,406		0,067		0,500					
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	300		
42,975	46,025		1,77		0,066	Semi						

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

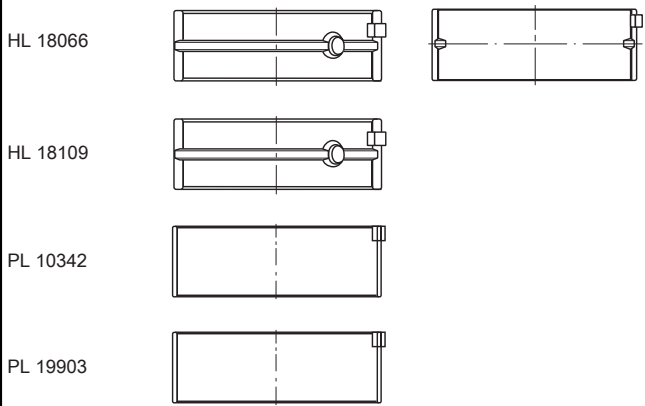
53.2

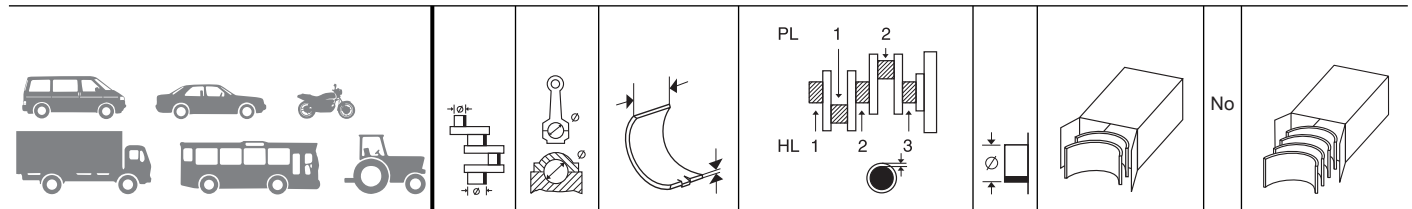
1X, 1Y, AHG R 4 Diesel, 1896 cm³, 42 - 50 kW (57 - 68 PS), 19,5:1 - 22,5:1, 8 Ventile CADDY II 1.9 D 11/1995...01/2004 GOLF III 1.9 D 11/1991...04/1999 PASSAT 1.9 D 05/1989...10/1993 POLO 1.7 SDI 04/1997...10/1999 POLO 1.9 D 01/1996...10/1996 T4 1.9 D 07/1990...12/1995 VENTO 1.9 D 11/1991...09/1998 AHB R 4 Diesel, 1716 cm³, 42 kW (57 PS), 19,5:1, 8 Ventile CADDY II 1.7 SDI 07/1996...09/2000	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27		0,066		0,000	000	
	HL 18066									
	HL 18109									
	PL 10342									
	PL 19903									

Ø 79,5

54


1Z, AAZ, ABL R 4 Diesel, 1896 cm³, 50 - 55 kW (68 - 75 PS), 19,5:1 - 22,5:1, Hub 95.5mm, Turbo, LLK, 8 Ventile CADDY II 1.9 TDI 09/1996...01/2004 GOLF III 1.9 TD 11/1991...04/1999 GOLF III 1.9 TDI 09/1993...04/1999 PASSAT 1.9 TD 03/1991...05/1997 PASSAT 1.9 TDI 10/1993...05/1997 SHARAN I 1.9 TDI 09/1995...03/2010 T4 1.9 TD 10/1992...04/2003 VENTO 1.9 TD 11/1991...09/1998 VENTO 1.9 TDI 09/1993...09/1998	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975				1,000			100
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
	53,978	59,019		2,503		0,079		0,250			025
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	075
	53,978	59,019		2,503		0,079		0,750			
	47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000
	47,778	50,619	19,000	1,406		0,073		0,250			025
								0,500			050
								0,750			075
	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000
	47,778	50,619	19,000	1,406		0,067		0,250			025
								0,500			050
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		





Ø 79,5

55

AAB R 5 Diesel, 2370 cm³, 57 kW (78 PS), 23:1, Hub 95.5mm, 10 Ventile T4 2.4 D 07/1990...09/1998	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500 0,750	PL 19903	5	029 PS 19904 000 025 050 075
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
PL 19903 											

Ø 79,5

56

ADE, ADG, ANC, ARD, AVM, BEQ, BEU, BGL, BGM, BJC, BXT R 4 Diesel, 1896 cm³, 29 - 63 kW (39 - 86 PS), 19:1 - 22,5:1, 8 Ventile	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
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Ø 79,5

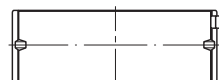
57

AEF R 4 Diesel, 1896 cm³, 47 kW (64 PS), 22.5:1, 8 Ventile CADDY II 1.9 D POLO 1.9 D 06/1996...12/2000 10/1994...09/2001	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M183	0,000 0,250 1,000	HL 18109	5	029 HS 10038 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500	PL 10342	4	029 PS 10722 000 025 050
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

HL 18109



HL 18066

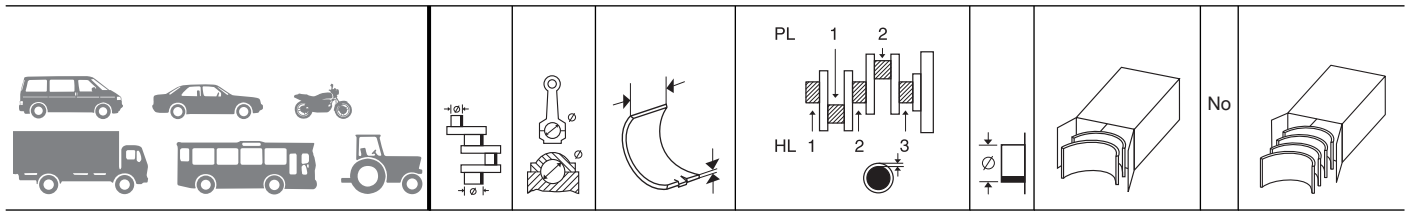


PL 10342




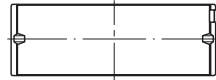



PL 19903





Ø 79,5

58

AEY, AGP, ALH R 4 Diesel, 1896 cm³, 47 - 66 kW (64 - 90 PS), 19,5:1, 8 Ventile BORA 1.9 TDI 10/1998...05/2005 CADDY II 1.9 SDI 11/1995...01/2004 CADDY II 1.9 TDI 09/1996...01/2004 GOLF III 1.9 SDI 07/1995...04/1999 GOLF IV 1.9 SDI 08/1997...06/2006 GOLF IV 1.9 TDI 10/1997...05/2006 NEW BEETLE 1.9 TDI 01/1998...06/2004 POLO 1.9 SDI 12/1995...09/2001 POLO 1.9 TDI 09/1996...09/2001 VENTO 1.9 SDI 04/1997...09/1997	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100	
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000	
	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1		
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025	
	47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500 0,750	PL 10342	4	029 PS 10722 000 025 050 075	
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050	
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		
	HL 18066	 										
	HL 18109											
PL 10342												
PL 19903												

Ø 79,5

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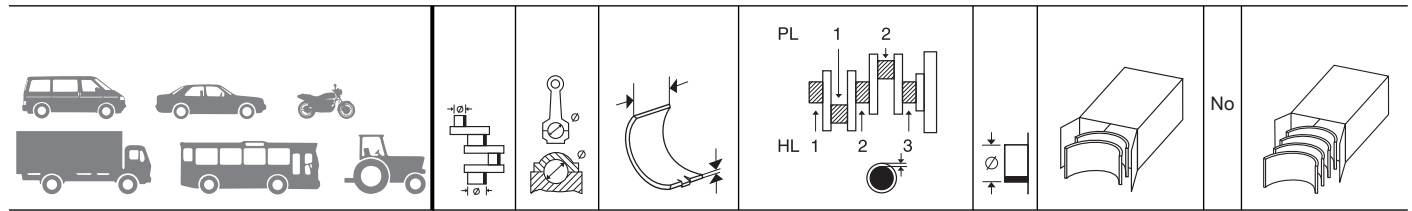
AFN R 4 Diesel, 1896 cm³, 81 kW (110 PS), 19,5:1, Turbo, LLK, 8 Ventile GOLF III 1.9 TDI 04/1996...04/1999 GOLF IV 1.9 TDI 06/1998...06/2002 PASSAT 1.9 TDI 03/1996...11/2000 POLO 1.9 TDI 06/1998...09/2001 SHARAN I 1.9 TDI 09/1996...04/2000 VENTO 1.9 TDI 04/1996...09/1998	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000	AL 18669	4	029 AS 18668 000
	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050

Ø 79,5

60.1


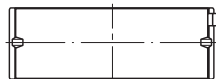
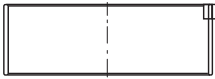
AGD, AQM, ASX R 4 Diesel, 1896 cm³, 47 - 50 kW (64 - 68 PS), 19,5:1 - 22,5:1, 8 Ventile BORA 1.9 SDI 10/1998...05/2005 GOLF IV 1.9 SDI 08/1997...06/2006 POLO 1.9 SDI 07/1996...09/2001	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025

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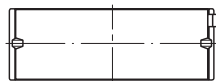



Ø 79,5 - Fortsetzung / Continued

60.2

AGD, AQM, ASX R 4 Diesel, 1896 cm³, 47 - 50 kW (64 - 68 PS), 19,5:1 - 22,5:1, 8 Ventile BORA 1.9 SDI GOLF IV 1.9 SDI POLO 1.9 SDI	10/1998...05/2005	47,758	50,600	18,700	1,395			0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050
	08/1997...06/2006	47,778	50,619	19,000	1,406			0,067		0,250			
HL 18066													
PL 19903													

Ø 79,5

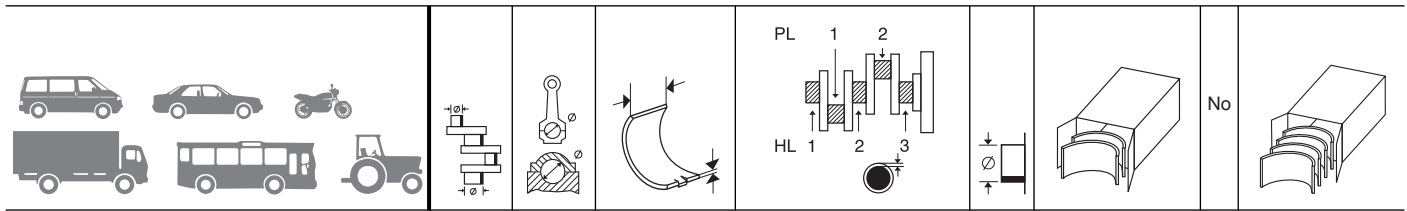
61

AGR R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, 8 Ventile BORA 1.9 TDI GOLF IV 1.9 TDI POLO 1.9 TDI	10/1998...05/2005	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100	
	10/1997...05/2006	59,750	73,200		1,97				0,250				
	09/1996...09/2001	26,000	29,000	25,000				M114	Semi	BB 10247	4		029 BS 10265 300
		29,052											
		53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4		029 HS 18067 000 025 075
		53,978	59,019	2,503			0,079		0,250				
		53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
		53,978	59,019	2,503			0,079		0,250				
		53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5		029 HS 19761 000 025
		53,978	59,019	2,503			0,079		0,250				
	47,758	50,600	18,700	1,394		0,010	M215	0,000	PL 10342	4	029 PS 10722 000 025 050		
	47,778	50,619	19,000	1,406		0,073		0,250					
	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050		
	47,778	50,619	19,000	1,406		0,067		0,250					
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
	42,975	46,025		1,77		0,066		Semi	300				
	41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 300	1			
	41,975	45,025	3,27			0,066		0,000	000				
HL 18066													
HL 18109													
PL 10342													
PL 19903													

Ø 79,5

62

AHF, AHH, ANU, ASV, ATD, ATJ, BVK R 4 Diesel, 1896 cm³, 66 - 85 kW (90 - 115 PS), 18:1 - 19,5:1, 8 Ventile BORA 1.9 TDI GOLF IV 1.9 TDI NEW BEETLE 1.9 TDI PASSAT 1.9 TDI POLO 1.9 TDI SHARAN I 1.9 TDI	10/1998...05/2005	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	02/2001...09/2010	59,750	73,200		1,975								
		26,000	29,000	25,000				M114	Semi	BB 10247	4		029 BS 10265 300
		29,052											
		53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5		029 HS 19761 000 025
		53,978	59,019	2,503			0,079		0,250				
		41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 300	1		
		41,975	45,025	3,27			0,066		0,000	000			



Ø 79,5

63

AHU R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, 8 Ventile CADDY II 1.9 TDI 09/1996...01/2004 GOLF III 1.9 TDI 09/1993...04/1999 GOLF IV 1.9 TDI 06/1998...06/2002 PASSAT 1.9 TDI 10/1993...11/2000 POLO 1.9 TDI 09/1996...09/2001 SHARAN I 1.9 TDI 09/1995...03/2010 VENTO 1.9 TDI 09/1993...09/1998	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500	PL 10342	4	029 PS 10722 000 025 050
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
HL 18066											
HL 18109											
PL 10342											
PL 19903											

Ø 79,5

64

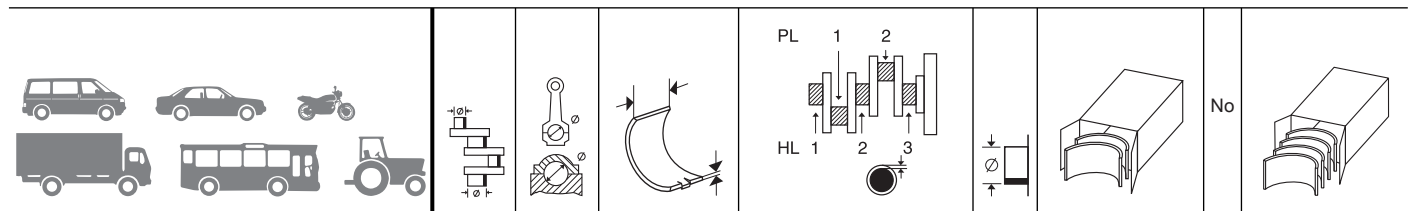
AJA R 5 Diesel, 2370 cm³, 55 kW (75 PS), 23,5:1, 10 Ventile T4 2.4 D 08/1997...04/2003	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500 0,750	PL 19903	5	029 PS 19904 000 025 050 075
PL 19903											

Ø 79,5

65.1

AJM R 4 Diesel, 1896 cm³, 85 kW (115 PS), 18:1, 8 Ventile GOLF IV 1.9 TDI 12/1998...06/2001 PASSAT 1.9 TDI 08/1998...11/2000	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

65.2

AJM R 4 Diesel, 1896 cm³, 85 kW (115 PS), 18:1, 8 Ventile GOLF IV 1.9 TDI 12/1998...06/2001 PASSAT 1.9 TDI 08/1998...11/2000	26,000 53,958 53,978	29,000 59,000 59,019	25,000 18,500	1,925 2,491 2,503	1.-5.	0,016 0,079	M114 M100	Semi 0,000 0,250	BB 10247 HL 18066	4 5	029 BS 10265 300 029 HS 19761 000 025
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 79,5

66

AKU, AKW R 4 Diesel, 1716 cm³, 42 kW (57 PS), 19,5:1, 8 Ventile LUPO 1.7 SDI 09/1998...07/2005 POLO 1.7 SDI 07/1997...09/2001	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
ASY, BSW R 4 Diesel, 1896 cm³, 47 - 77 kW (64 - 105 PS), 19:1, 8 Ventile NEW BEETLE 1.9 TDI 07/2005...09/2010 POLO 1.9 SDI 10/2001...11/2009											

Ø 79,5

67

ALE R 4 Diesel, 1896 cm³, 66 kW (90 PS), 19,5:1, Turbo, LLK, 8 Ventile CADDY II 1.9 TDI 10/1996...01/2004 GOLF III 1.9 TDI 09/1993...04/1999 GOLF IV 1.9 TDI 06/1998...06/2002 POLO 1.9 TDI 09/1996...09/2001 VENTO 1.9 TDI 09/1993...09/1998	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 79,5

68

AMF, ATL, BAY, BWB R 3 Diesel, 1422 cm³, 51 - 66 kW (69 - 90 PS), 19,5:1, 6 Ventile LUPO 1.4 TDI 01/1999...07/2005 POLO 1.4 TDI 10/1999...11/2009	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-4.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	4	029 HS 20869 000 025 050

Ø 79,5

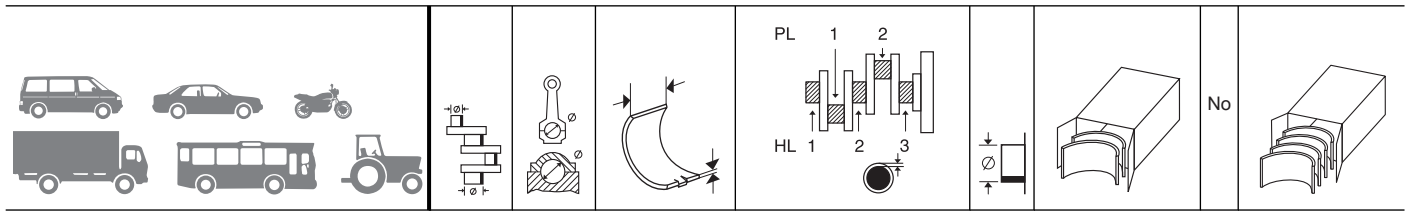
69

ARL, BTB R 4 Diesel, 1896 cm³, 110 kW (150 PS), 18,5:1, 8 Ventile BORA 1.9 TDI 05/2000...05/2005 GOLF IV 1.9 TDI 02/2000...06/2006 SHARAN I 1.9 TDI 06/2005...03/2010	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
AXB, AXC R 4 Diesel, 1898 cm³, 63 kW (85 PS), 8 Ventile T5 1.9 TDI 04/2003...11/2009	50,858 50,878	53,700 53,712	20,100 20,400	1,398 1,403		0,020 0,064	M330	0,000 0,250	PL 19908	4	029 PS 19909 000 025

Ø 79,5

70

ASZ, BLT R 4 Diesel, 1896 cm³, 96 kW (130 PS), 19:1, 8 Ventile BORA 1.9 TDI 11/2000...05/2005 GOLF IV 1.9 TDI 11/2000...06/2006 POLO 1.9 TDI 11/2003...11/2009 SHARAN I 1.9 TDI 11/2002...03/2010	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	26,000	29,000 29,052	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958 53,978	59,000 59,012	18,200 18,500	2,495 2,501		0,020 0,064	M218	0,000	HL 19910	5	029 HS 19911 000
	50,858 50,878	53,700 53,712	20,100 20,400	1,398 1,403		0,020 0,064	M330	0,000 0,250	PL 19908	4	029 PS 19909 000 025
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	



Ø 79,5 **71**

AUY R 4 Diesel, 1896 cm³, 85 kW (115 PS), 18:1, 8 Ventile GOLF IV 1.9 TDI 12/1998...06/2001 SHARAN I 1.9 TDI 04/2000...03/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		

Ø 79,5 **72**

AVB R 4 Diesel, 1896 cm³, 74 kW (101 PS), 19:1, 8 Ventile PASSAT 1.9 TDI 02/2000...05/2005	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025

Ø 79,5 **73**

AVG R 4 Diesel, 1896 cm³, 81 kW (110 PS), 19,5:1, 8 Ventile GOLF IV 1.9 TDI 06/1998...06/2002 PASSAT 1.9 TDI 10/1996...11/2000 SHARAN I 1.9 TDI 09/1996...04/2000	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050

Ø 79,5 **74**

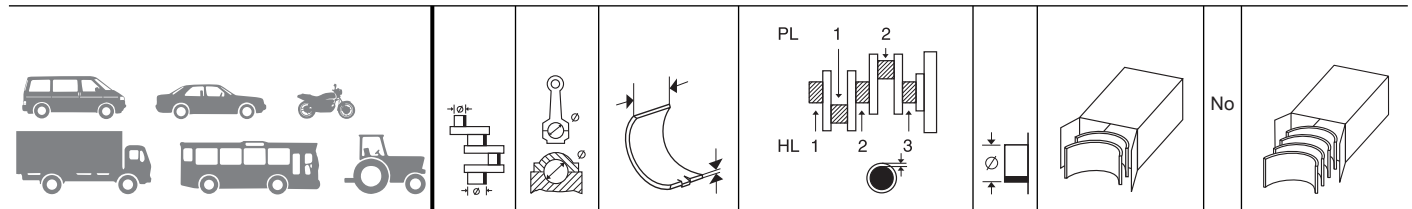
AVQ, BJB, BKC, Euro 4 R 4 Diesel, 1896 cm³, 74 - 77 kW (101 - 105 PS), 19:1, Hub 95.5mm, 8 Ventile CADDY III 1.9 TDI 04/2004...08/2010 GOLF V 1.9 TDI 10/2003...11/2008 GOLF PLUS 1.9 TDI 01/2005...01/2009 JETTA III 1.9 TDI 08/2005...10/2010 PASSAT 1.9 TDI 03/2005...11/2008 TOURAN I 1.9 TDI 02/2003...05/2010	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
								1,000				100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
	53,978	59,012	18,500	2,501		0,064						

Ø 79,5 **75**

AWX R 4 Diesel, 1896 cm³, 96 kW (130 PS), 19:1, 8 Ventile PASSAT 1.9 TDI 11/2000...05/2005	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
BGW R 4 Diesel, 1998 cm³, 100 kW (136 PS), 18,5:1 PASSAT 2.0 TDI 12/2003...05/2005	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025

Ø 79,5 **76**

AXR R 4 Diesel, 1896 cm³, 74 kW (100 PS), 19:1, 8 Ventile BORA 1.9 TDI 09/2000...05/2005 GOLF IV 1.9 TDI 09/2000...06/2006 NEW BEETLE 1.9 TDI 06/2003...09/2010 POLO 1.9 TDI 10/2001...11/2009	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
								1,000				100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300	
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
	53,978	59,012	18,500	2,501		0,064						
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
	41,975	45,025		3,27		0,066		0,000	000			



Ø 79,5

77

AYQ R 4 Diesel, 1896 cm³, 47 kW (64 PS), 8 Ventile CADDY II 1.9 SDI 11/1995...01/2004	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052										
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
53,978	59,019		2,503		0,079		0,250				025
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000	
47,778	50,619	19,000	1,406		0,067		0,250				025
							0,500				050
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			
HL 18066											
PL 19903											

Ø 79,5

78

BEW, BMT R 4 Diesel, 1896 cm³, 74 kW (101 PS) NEW BEETLE 1.9 TDI 02/2001...09/2010 POLO 1.9 TDI 10/2001...11/2009	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	29,052										
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
53,978	59,012	18,500	2,501		0,064						
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			

Ø 79,5

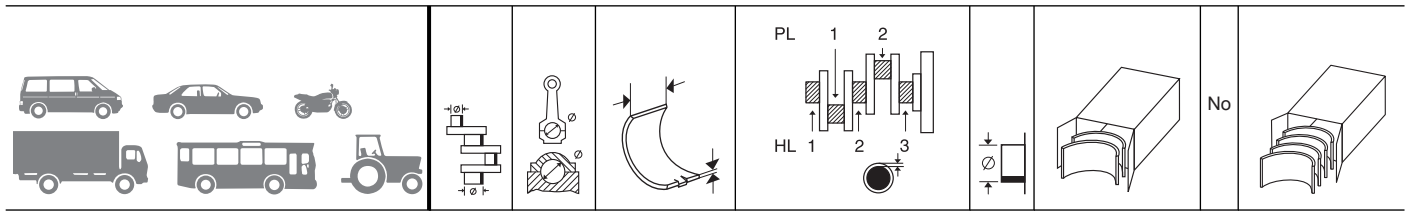
79

BLS, BSU, BXE, BXF, BXJ, Euro 4 R 4 Diesel, 1896 cm³, 55 - 77 kW (75 - 105 PS), 18,5:1 - 19,5:1, Hub 95.5mm, 8 Ventile CADDY III 1.9 TDI 04/2004...08/2010 GOLF V 1.9 TDI 10/2003...11/2008 GOLF PLUS 1.9 TDI 01/2005...01/2009 JETTA III 1.9 TDI 08/2005...10/2010 PASSAT 1.9 TDI 03/2005...11/2008 TOURAN I 1.9 TDI 08/2003...05/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
BRU, Euro 4 R 4 Diesel, 1889 cm³, 66 kW (90 PS), 19:1, Hub 95.5mm, Turbo, LLK, 8 Ventile GOLF V 1.9 TDI 05/2004... GOLF PLUS 1.9 TDI 05/2005...12/2008 TOURAN I 1.9 TDI 11/2004...05/2010											
CAYA, CAYB, CAYC, CLNA R 4 Diesel, 1598 cm³, 55 - 77 kW (75 - 105 PS), 16 Ventile BEETLE 1.6 TDI 10/2011... GOLF VI 1.6 TDI 02/2009...11/2012 GOLF PLUS 1.6 TDI 02/2009...03/2009 JETTA III 1.6 TDI 06/2009...10/2010 JETTA IV 1.6 TDI 02/2011... PASSAT 1.6 TDI 08/2009...11/2010 POLO 1.6 TDI 06/2009... TOURAN II 1.6 TDI 05/2010...											

Ø 79,5

80

BRR, BRS R 4 Diesel, 1896 cm³, 62 - 75 kW (84 - 102 PS), 19:1, Turbo, LLK, 8 Ventile T5 1.9 TDI 01/2006...11/2009	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000	
53,978	59,012	18,500	2,501		0,064						
50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000	
50,878	53,712	20,400	1,403		0,064		0,250			025	
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			



Ø 79,5 **81**

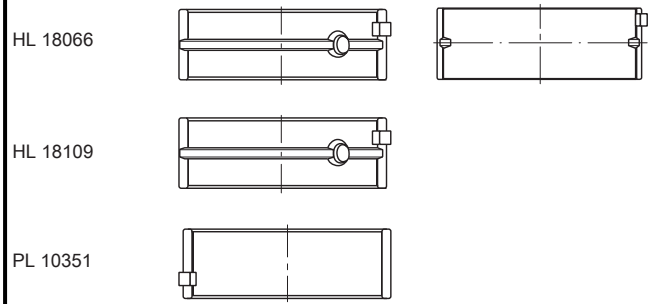
CAYD, CAYE R 4 Diesel, 1598 cm³, 55 kW (75 PS), 16 Ventile CADDY III 1.6 TDI 08/2010...	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							

Ø 79,5 **82**

CFWA R 3 Diesel, 1199 cm³, 55 kW (75 PS), 16,5:1, 12 Ventile POLO 1.2 TDI 10/2009...	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					

Ø 79,5 **83**

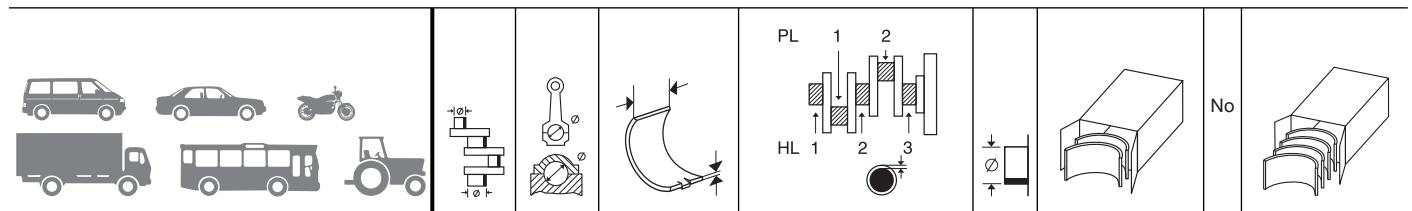
EE, EF, EG, FN, FP R 4 Benzin, 1588 cm³, 55 - 81 kW (75 - 110 PS), 8:1 - 9,5:1, Hub 80mm, 8 Ventile GOLF I 1.6 08/1975...07/1982 GOLF I 1.6 GTI 08/1976...07/1982 JETTA I 1.6 08/1979...07/1982	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000 025 050	
45,978	49,012				0,062		0,250				
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
42,975	46,025		1,77		0,066		Semi				
41,959	45,000	15,000	1,70		0,025	M11	0,000	029 LB 18192 300 000	1		
41,975	45,025		3,27		0,066		Semi				



Ø 79,5 **84.1**

EH, JB R 4 Benzin, 1457 cm³, 51 kW (70 PS), 8,2:1, Hub 73.4mm, 8 Ventile CADDY I 1.5 08/1982...07/1983 GOLF I 1.4 01/1979...11/1983 GOLF I 1.5 08/1977...07/1983 JETTA I 1.5 08/1979...12/1983 SCIROCCO 1.5 08/1977...12/1983	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300 029 HS 10039 000 025 029 HS 18071 000 025 050 034 PS 18670 000 025 050 029 LB 18191 000 300
	22,000	25,033		1,77		0,022					
	53,958	59,000	24,860	2,502	3.	0,020	M157	0,000	FL 10079	1	
	53,978	59,019	24,910			0,082		0,250			
	53,958	59,000	18,500	2,491	1.2.4.5.	0,016	M183	0,000	HL 18109	4	
	53,978	59,019		2,503		0,079		0,250			
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	
	53,978	59,019	25,030	2,503		0,079		0,250			
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
	53,978	59,019		2,503		0,079		0,250			
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				
45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4		
45,978	49,012				0,062		0,250				
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
42,975	46,025		1,77		0,066		Semi				

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

84.2

EH, JB R 4 Benzin, 1457 cm³, 51 kW (70 PS), 8,2:1, Hub 73.4mm, 8 Ventile CADDY I 1.5 08/1982...07/1983 GOLF I 1.4 01/1979...11/1983 GOLF I 1.5 08/1977...07/1983 JETTA I 1.5 08/1979...12/1983 SCIROCCO 1.5 08/1977...12/1983	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1
	41,975	45,025		3,27		0,066				
	HL 18109									
HL 18066										
PL 10351										

Ø 79,5

85

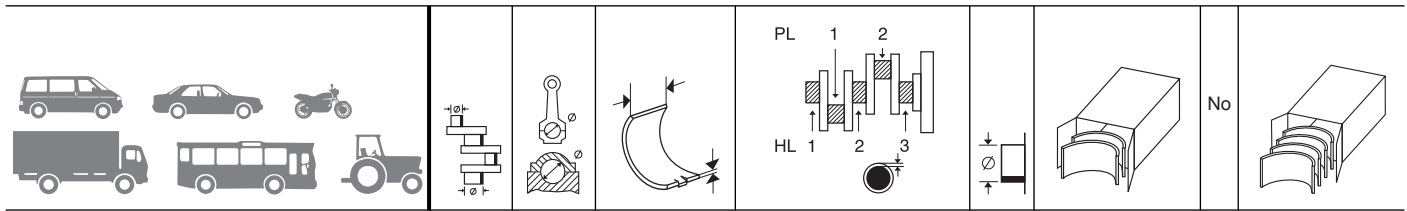
EM R 4 Benzin, 1588 cm³, 55 kW (75 PS) CADDY I 1.6 10/1982...10/1983 GOLF I 1.6 08/1975...07/1983 JETTA I 1.6 08/1981...07/1983 SCIROCCO 1.6 08/1982...07/1983	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022					
EN R 4 Benzin, 1716 cm³, 57 kW (78 PS), 8,2:1, Hub 86.4mm, 8 Ventile	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,250 0,500			
FS R 4 Benzin, 1457 cm³, 55 kW (75 PS), 8,2:1 PASSAT 1.6 08/1975...07/1980	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
	53,978	59,019		2,503		0,079		0,250 0,500			
EN R 4 Benzin, 1716 cm³, 57 kW (78 PS), 8,2:1, Hub 86.4mm, 8 Ventile	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250 0,500			
FS R 4 Benzin, 1457 cm³, 55 kW (75 PS), 8,2:1 PASSAT 1.6 08/1975...07/1980	45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000 025 050
	45,978	49,012				0,062		0,250 0,500			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1	
	42,975	46,025		1,77		0,066		Semi			
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1	
	41,975	45,025		3,27		0,066		0,000			
HL 18066											
HL 18109											
PL 10351											

Ø 79,5

86.1

FR R 4 Benzin, 1588 cm³, 55 kW (75 PS), 8,2:1, 8 Ventile JETTA I 1.6 08/1980...12/1983 SCIROCCO 1.6 08/1975...04/1984	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,250 0,500			
FT R 4 Benzin, 1457 cm³, 51 kW (70 PS), 8,2:1, 8 Ventile SCIROCCO 1.6 08/1975...07/1977	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
	53,978	59,019		2,503		0,079		0,250 0,500			
FT R 4 Benzin, 1457 cm³, 51 kW (70 PS), 8,2:1, 8 Ventile SCIROCCO 1.6 08/1975...07/1977	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250 0,500			
	45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000 025 050
	45,978	49,012				0,062		0,250 0,500			

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Ø 79,5 - Fortsetzung / Continued

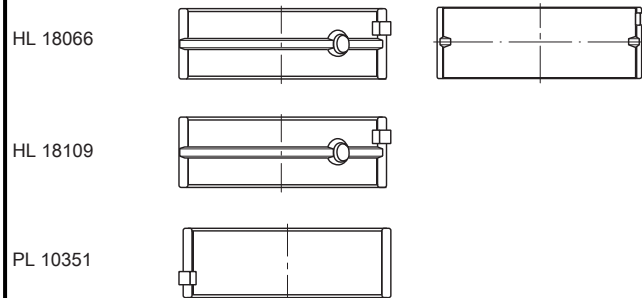
86.2

FR R 4 Benzin, 1588 cm³, 55 kW (75 PS), 8,2:1, 8 Ventile JETTA I 1.6 08/1980...12/1983 SCIROCCO 1.6 08/1975...04/1984 FT R 4 Benzin, 1457 cm³, 51 kW (70 PS), 8,2:1, 8 Ventile SCIROCCO 1.6 08/1975...07/1977	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27		0,066		0,000	000	
	HL 18066									
HL 18109										
PL 10351										

Ø 79,5

87

FV R 4 Benzin, 1457 cm³, 51 kW (70 PS), 8,2:1 WV, YN, YP R 4 Benzin, 1588 cm³, 55 - 63 kW (75 - 85 PS), 8,2:1, 8 Ventile PASSAT 1.6 08/1975...03/1988 SANTANA 1.6 08/1981...12/1984	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
								1,000				100
	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300	
	22,000	25,033		1,77		0,022						
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750				075
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
								0,750				
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000	
53,978	59,019	25,030	2,503		0,079		0,250			025		
							0,500				050	
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3			
53,978	59,019		2,503		0,079		0,250					
							0,500					
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
53,978	59,019		2,503		0,079		0,250					
							0,500					
45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000		
45,978	49,012				0,062		0,250			025		
							0,500			050		
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1			
41,975	45,025		3,27		0,066		0,000	000				

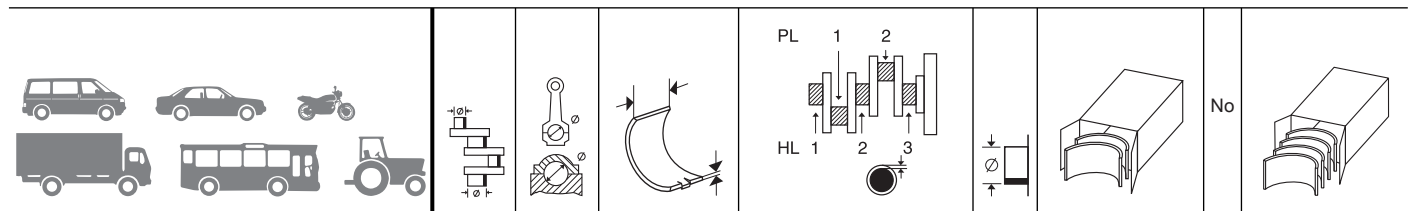


Ø 79,5

88.1

KY R 4 Diesel, 1716 cm³, 42 kW (57 PS), 23:1 T3 1.7 D 08/1985...07/1992	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
								1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	23,994	27,000	25,000	1,70		0,016	M100	Semi	BB 18080	4	029 BS 18081 300
	24,000	27,021		1,78		0,029					

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

88.2

KY R 4 Diesel, 1716 cm³, 42 kW (57 PS), 23:1 T3 1.7 D 08/1985...07/1992	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,619	18,700 19,000	1,396 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 10225	4	029 PS 10248 000 025 050
	47,758 47,778	50,600 50,619	18,700 19,000	1,394 1,406		0,010 0,073	M215	0,000 0,250 0,500 0,750	PL 10342	4	029 PS 10722 000 025 050 075
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

HL 18066



HL 18109



PL 10342



PL 19903

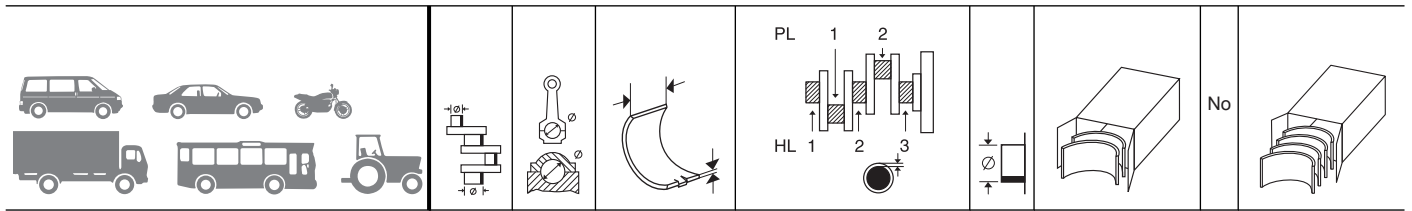


Ø 79,5

89.1

WE R 5 Benzin, 2144 cm³, 85 kW (115 PS), 8,2:1, Hub 86.4mm, 10 Ventile PASSAT 2.1 01/1981...07/1983 SANTANA 2.1 08/1982...12/1983	63,500	77,200		1,92 1,97			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92 1,97			M157	0,000	AL 18821	2	
	20,000	23,000 23,021	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	5	029 BS 18689 300
	57,958 57,978	63,000 63,019	18,500	2,502	1.-6.	0,016 0,079	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
	57,958 57,978	63,000 63,019	24,860 24,910	2,491 2,503	3.	0,016 0,079	M114	0,000 0,500 0,750	FL 18818	1	029 HS 18819 000 050 075
	57,958 57,978	63,000 63,019	18,500	2,502	1.2.4.5.6.	0,016 0,079	M900	0,000 0,500 0,750	HL 18817	5	

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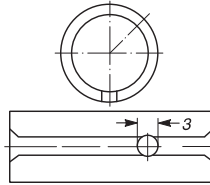


Ø 79,5 - Fortsetzung / Continued

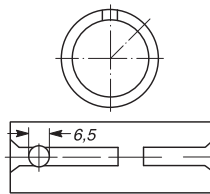
89.2

WE R 5 Benzin, 2144 cm ³ , 85 kW (115 PS), 8,2:1, Hub 86.4mm, 10 Ventile PASSAT 2.1 SANTANA 2.1 01/1981...07/1983 08/1982...12/1983	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	5	029 PS 18723 000	
	47,778	50,612				0,052		0,250			025	
								0,500				050
								0,750				075
								1,000				100

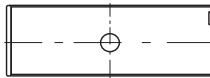
BB 18832



BB 18130



PL 18145

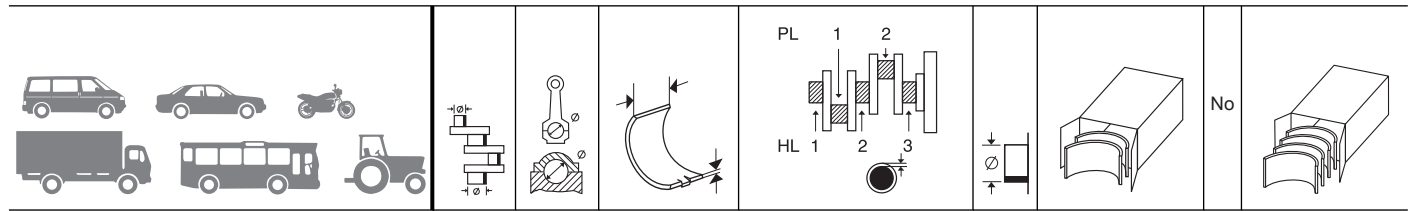


Ø 79,5

90.1

WL R 4 Benzin, 1716 cm ³ , 55 kW (75 PS), 8:1, 8 Ventile ILTIS 1.7 03/1979...12/1981	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
								1,000				100
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300	
	20,000	23,052		1,80		0,021						
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250				025
								0,750				075
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				025	
							0,750				075	
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000		
47,778	50,612				0,052		0,250				025	
							0,500				050	
							1,000				100	
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000		
47,778	50,619	19,000	1,406		0,067		0,250				025	
							0,500				050	
45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000		
45,978	49,012				0,062		0,250				025	
							0,500				050	
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				

Fortsetzung nächste Seite / Continued on next page



Ø 79,5 - Fortsetzung / Continued

90.2

WL R 4 Benzin, 1716 cm ³ , 55 kW (75 PS), 8:1, 8 Ventile ILTIS 1.7 03/1979...12/1981	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1
	41,975	45,025		3,27		0,066		0,000		
BB 18130 HL 18066 HL 18109 PL 18145 PL 19903 PL 10351										

Ø 79,5

91

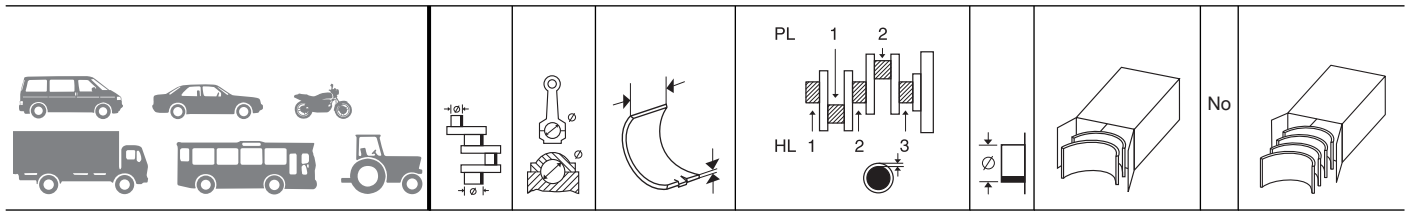
WN R 5 Benzin, 1921 cm ³ , 85 kW (115 PS), 10:1, 10 Ventile PASSAT 1.9 SANTANA 1.9 01/1981...07/1983 08/1981...07/1983	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	029 HS 18815 000 025 050
	57,978	63,019				0,079		0,250 0,500			

Ø 81

92.1

1P R 4 Benzin, 1781 cm ³ , 72 kW (98 PS), 9:1, 8 Ventile GOLF II 1.8 l 08/1988...07/1991	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300
	20,000	23,052		1,80		0,021					
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
53,978	59,019		2,503		0,079		0,250 0,750				
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250 0,750				
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100	
47,778	50,612				0,052		0,250 0,500 1,000				

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Ø 81 - Fortsetzung / Continued

92.2

1P R 4 Benzin, 1781 cm³, 72 kW (98 PS), 9:1, 8 Ventile GOLF II 1.8 I 08/1988...07/1991	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27		0,066		0,000	000	
BB 18130										
HL 18066										
HL 18109										
PL 18145										

Ø 81

93

2H, ADF, AWM, BBU, BJX, RG R 4 Benzin, 1781 cm³, 55 - 132 kW (75 - 180 PS), Hub 86.4mm, 8 Ventile GOLF I 1.8 I 08/1989...03/1993 PASSAT 1.8 T 02/2001...08/2005 POLO 1.8 GTI 09/2005...11/2009	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							

Ø 81

94

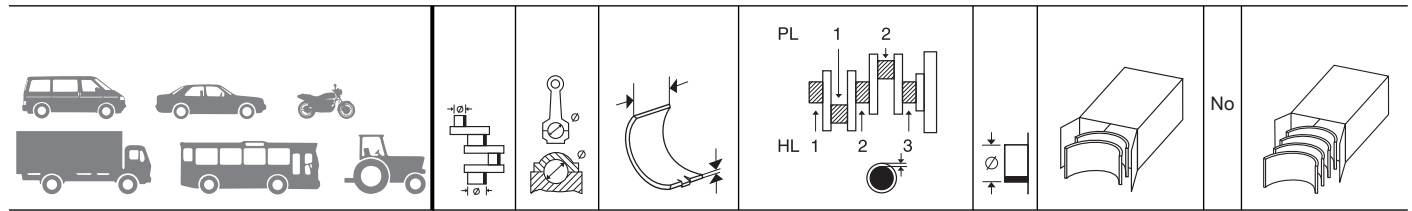
AAA, AES VR 6 Benzin, 2792 cm³, 103 - 128 kW (140 - 174 PS), 10:1, 12 Ventile GOLF III 2.8 I 01/1992...08/1997 PASSAT 2.8 06/1991...05/1997 SHARAN I 2.8 09/1995...04/2000 T4 2.8 VR6 11/1995...05/2000 VENTO 2.8 01/1992...09/1998	65,450	79,760		1,673			M157	0,000	AL 20847	2	029 AS 20848 000
	65,690	80,000		1,723							
AMV, AQP, AUE, AYL, BDE VR 6 Benzin, 2800 cm³, 150 kW (204 PS), 10,8:1, 24 Ventile BORA 2.8 03/1999...05/2005 GOLF IV 2.8 03/1999...06/2006 SHARAN I 2.8 04/2000...03/2010 T4 2.8 VR6 04/2000...04/2003		23,000	19,500				M100	Semi	BB 20849	6	029 BS 20850 300
		23,052	20,000								
GOLF III 2.8 I 01/1992...08/1997 PASSAT 2.8 06/1991...05/1997 SHARAN I 2.8 09/1995...04/2000 T4 2.8 VR6 11/1995...05/2000 VENTO 2.8 01/1992...09/1998	59,958	65,000	16,750	2,493		0,020	M810	0,000	HL 20843	7	029 HS 20844 000
	59,978	65,010	17,000	2,501		0,066		0,250			025
GOLF III 2.8 I 01/1992...08/1997 PASSAT 2.8 06/1991...05/1997 SHARAN I 2.8 09/1995...04/2000 T4 2.8 VR6 11/1995...05/2000 VENTO 2.8 01/1992...09/1998	53,958	56,800	16,750	1,396		0,014	M810	0,000	PL 20851	6	029 PS 20852 000
	53,978	56,819	17,000	1,404		0,069		0,250			025
GOLF III 2.8 I 01/1992...08/1997 PASSAT 2.8 06/1991...05/1997 SHARAN I 2.8 09/1995...04/2000 T4 2.8 VR6 11/1995...05/2000 VENTO 2.8 01/1992...09/1998	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		0,500			300

Ø 81

95.1

AAC R 4 Benzin, 1998 cm³, 62 kW (84 PS), 8,5:1, 8 Ventile T4 2.0 07/1990...04/2003	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
T4 2.0 07/1990...04/2003	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975				1,000			100
T4 2.0 07/1990...04/2003	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000
	53,978	59,019	25,030	2,503		0,079		0,250			025
T4 2.0 07/1990...04/2003	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	025
	53,978	59,019		2,503		0,079		0,500			050
T4 2.0 07/1990...04/2003	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			025
T4 2.0 07/1990...04/2003	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

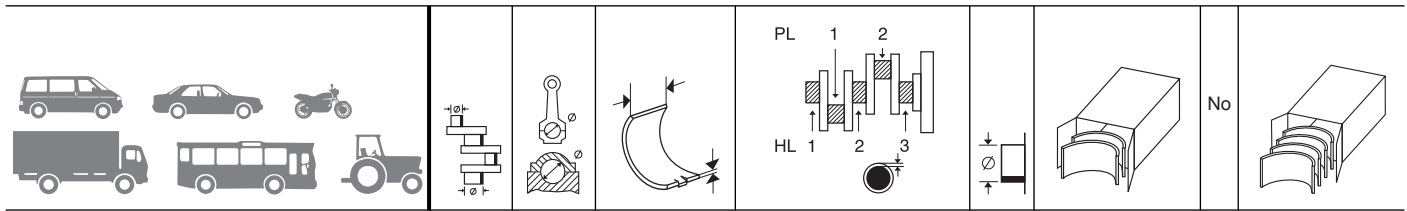
95.2

AAC R 4 Benzin, 1998 cm³, 62 kW (84 PS), 8,5:1, 8 Ventile T4 2.0 07/1990...04/2003	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,778	50,612				0,052		0,250			
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi		300	
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
HL 18066											
HL 18109											
PL 18145											

Ø 81

96

AAF, AEU R 5 Benzin, 2461 cm³, 81 kW (110 PS), 8,5:1 - 10:1, Hub 95.5mm, 10 Ventile T4 2.5 11/1990...04/2003	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92			M157	0,000	AL 18821	2	
ACU, AET R 5 Benzin, 2459 cm³, 81 - 85 kW (110 - 115 PS), 8,5:1 - 10:1, Hub 95.5mm, 10 Ventile T4 2.5 11/1990...04/2003	20,000	23,000	25,000				M114	Semi	BB 18832	5	029 BS 10527 300
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	5	
	20,000	23,052		1,80		0,021					029 BS 18689 300
KV, KX R 5 Benzin, 2226 cm³, 85 kW (115 PS), 8,5:1, 10 Ventile PASSAT 2.2 01/1985...03/1988	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	029 HS 18815 000 025 050
	57,978	63,019				0,079		0,250			
	57,958	63,000	24,860	2,491	3.	0,016	M114	0,000	FL 18818	1	
	57,978	63,019	24,910	2,503		0,079		0,500			029 HS 18819 000 050 075
	57,958	63,000	18,500	2,502	1.2.4.5.6.	0,016	M900	0,000	HL 18817	5	
	57,978	63,019				0,079		0,500			
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	5	029 PS 18723 000 025 050 075 100
	47,778	50,612				0,052		0,250			
								0,500			
BB 18832											
BB 18130											
PL 18145											



Ø 81

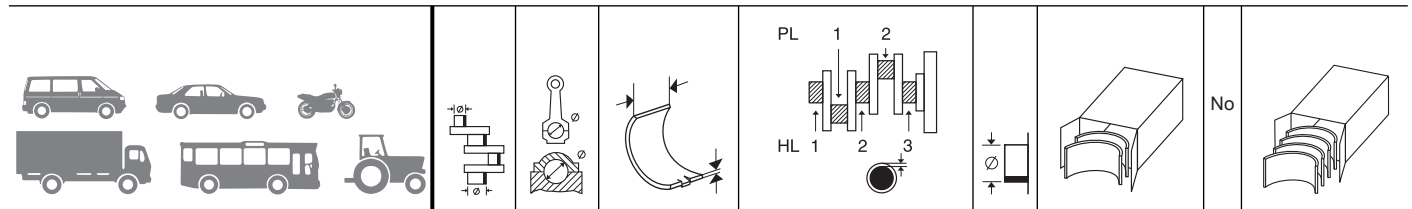
97

AAM R 4 Benzin, 1781 cm ³ , 55 kW (75 PS), 9:1, 8 Ventile GOLF III 1.8 11/1991...06/2002 PASSAT 1.8 08/1990...05/1997 VENTO 1.8 11/1991...08/1998	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	
HL 18066											
HL 18109											
PL 18145											

Ø 81

98

ABN, HM R 4 Benzin, 1595 cm ³ , 54 - 60 kW (73 - 82 PS), 9:1, 8 Ventile GOLF II 1.6 08/1983...08/1991 JETTA II 1.6 01/1984...08/1991 PASSAT 1.6 02/1988...12/1988 ACC, EX, GX, HV, KR R 4 Benzin, 1781 cm ³ , 66 - 102 kW (90 - 140 PS), 9:1 - 10:1 CORRADO 1.8 04/1989...07/1992 GOLF I 1.8 08/1983...09/1992 GOLF II 1.8 08/1984...10/1991 GOLF II 1.8 GTI 02/1986...06/1990 GOLF II 1.8 I KAT 08/1987...10/1991 GOLF III 1.8 11/1991...08/1997 JETTA II 1.8 02/1984...10/1991 PASSAT 1.8 04/1988...12/1989 SCIROCCO 1.8 08/1983...07/1992	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1		
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100	
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		
	HL 18066											
	HL 18109											
PL 18145												

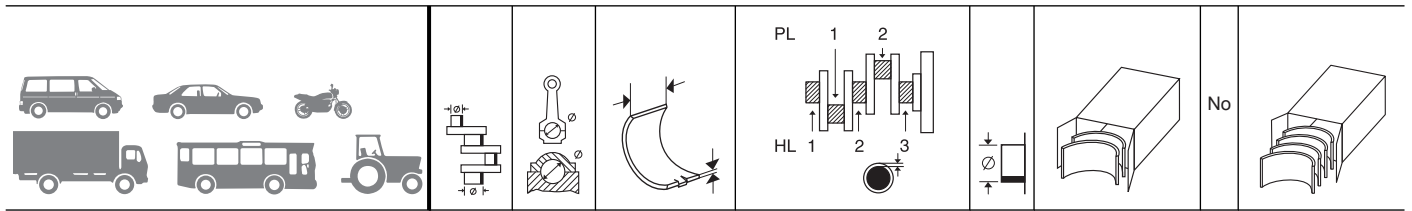


Ø 81											99
ABS R 4 Benzin, 1781 cm³, 66 kW (90 PS), 10:1, 8 Ventile GOLF III 1.8 PASSAT 1.8 VENTO 1.8 11/1991...04/1999 02/1988...05/1997 11/1991...08/1998	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250 1,000			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250 0,750			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
53,978	59,019		2,503		0,079		0,250 0,750				
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100	
47,778	50,612				0,052		0,250 0,500 1,000				
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
42,975	46,025		1,77		0,066		Semi				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300 000	1		
41,975	45,025		3,27		0,066		0,000				
HL 18066											
HL 18109											
PL 18145											

Ø 81											100
ACV, AHD, AHY, AJT, APA, AUF, AVR, AXG, AYC, AYY, BBE, BBF R 5 Diesel, 2461 cm³, 61 - 110 kW (83 - 151 PS), Turbo, LLK, 10 Ventile LT 2.5 TDI T4 2.5 TDI 05/1996...07/2006 09/1995...04/2003	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	
	57,978	63,019						0,250 0,500			

Ø 81											101.1
ADP R 4 Benzin, 1595 cm³, 74 kW (101 PS), 10,3:1, 8 Ventile PASSAT 1.6 10/1996...11/2000	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250 1,000			
	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
	22,000	25,033		1,77		0,022					
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300
	20,000	23,052		1,80		0,021					
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
53,978	59,019		2,503		0,079		0,250 0,750				
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250 0,750				
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100	
47,778	50,612				0,052		0,250 0,500 1,000				
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000 300	1		
42,975	46,025		1,77		0,066		Semi				

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Ø 81 - Fortsetzung / Continued

101.2

ADP
R 4 Benzin, 1595 cm³, 74 kW (101 PS), 10,3:1,
8 Ventile
PASSAT 1.6 10/1996...11/2000

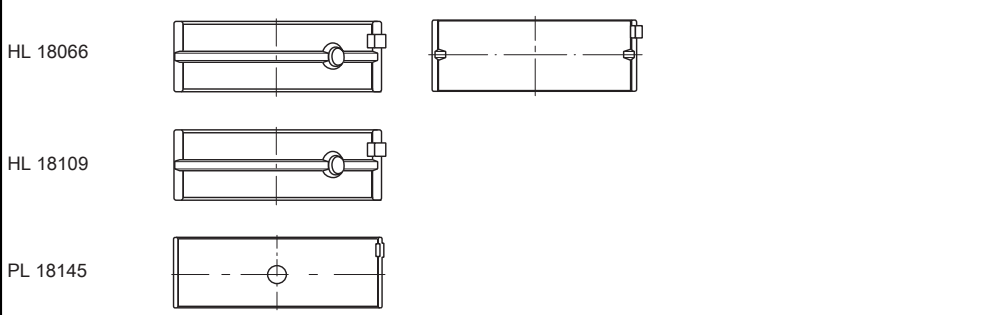
41,959 41,975	45,000 45,025	15,000	1,70 3,27			0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1
<p>BB 18130</p> <p>HL 18066</p> <p>HL 18109</p> <p>PL 18145</p>										

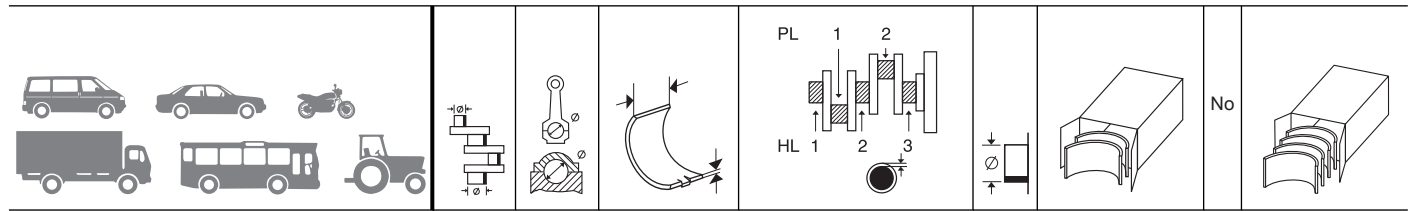
Ø 81

102

ADR
R 4 Benzin, 1781 cm³, 92 kW (125 PS), 10,3:1,
20 Ventile
PASSAT 1.8 10/1996...11/2000

59,500 59,750	72,920 73,200		1,93 1,97				M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075	
53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1		
53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050	
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3		
53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1		
53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025	
47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100	
42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		
41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		

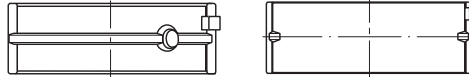




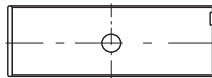
Ø 81 103

ADZ, EV, GZ, PL R 4 Benzin, 1781 cm ³ , 66 - 95 kW (90 - 129 PS), 9:1 - 10:1, 8 Ventile	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
GOLF II 1.8 GTI 11/1991...04/1999	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
GOLF III 1.8 06/1998...06/2002	53,978	59,019		2,503		0,079		0,250			025
GOLF IV 1.8 I 01/1984...10/1991	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
JETTA II 1.8 02/1988...05/1997	47,778	50,612				0,052		0,250			025
PASSAT 1.8 05/1997...09/2001								0,500			050
POLO 1.8 08/1982...12/1989	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
SCIROCCO 1.8 03/1986...07/1992	41,975	45,025		3,27		0,066		0,000	000		
VENTO 1.8 11/1991...08/1998											100

HL 18066



PL 18145



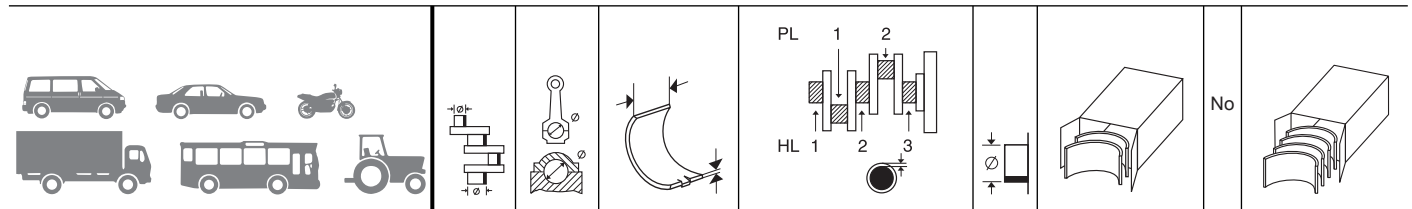
Ø 81 104

AEH R 4 Benzin, 1595 cm ³ , 74 kW (100 PS), 10,3:1, 8 Ventile	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
BORA 1.6 10/1998...05/2005	53,963	59,000	18,300	2,50		0,001	M916	0,000	HL 20559	5	029 HS 20560 000
GOLF IV 1.6 08/1997...02/2000	53,983	59,010	18,500	2,508		0,047		0,250			025
POLO 1.6 12/1995...09/2001								0,500			050
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		

Ø 81 105.1

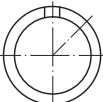
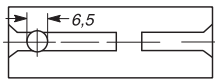


AEK R 4 Benzin, 1595 cm ³ , 74 kW (101 PS), 10,3:1, 8 Ventile	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
GOLF III 1.6 07/1994...04/1999	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
GOLF III 1.6 I 10/1994...05/1998	59,750	73,200		1,975				1,000			100
PASSAT 1.6 07/1994...08/1996	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300
VENTO 1.6 10/1994...08/1998	22,000	25,033		1,77		0,022					
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300
	20,000	23,052		1,80		0,021					
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
	53,978	59,019		2,503		0,079		0,250			025
								0,750			075
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
								0,750			
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
	47,778	50,612				0,052		0,250			025
								0,500			050
								1,000			100
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi	300		

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

107.2

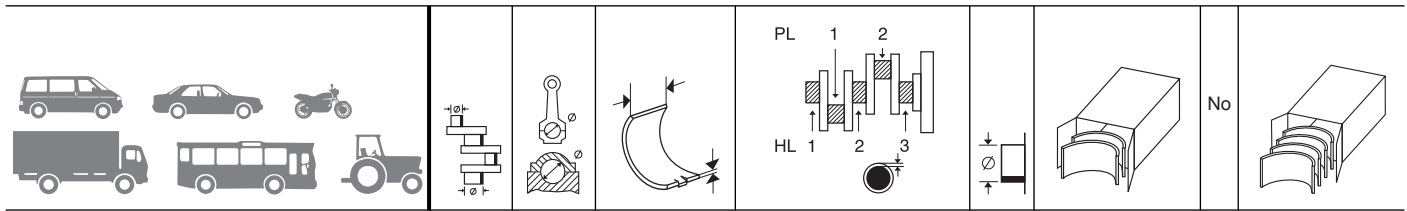
AFT R 4 Benzin, 1595 cm ³ , 74 kW (101 PS), 10,5:1, 8 Ventile GOLF III 1.6 GOLF III 1.6 I GOLF IV 1.6 PASSAT 1.6 POLO 1.6 VENTO 1.6	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27			0,066		0,000	000	
BB 18130 											
HL 18066 											
HL 18109 											
PL 18145 											

Ø 81

108.1

AGN R 4 Benzin, 1781 cm ³ , 92 kW (125 PS), 10,3:1, 20 Ventile BORA 1.8 4MOTION GOLF IV 1.8	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97					0,250			025
									1,000			100
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750			075	
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
								0,750				
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000	
53,978	59,019	25,030	2,503		0,079		0,250			025		
							0,500			050		
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3			
53,978	59,019		2,503		0,079		0,250					
							0,500					
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
53,978	59,019		2,503		0,079		0,250					
							0,500					
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000		
53,978	59,019		2,503		0,079		0,250			025		
53,963	59,000	18,300	2,50		0,001	M916	0,000	HL 20559	5	029 HS 20560 000		
53,983	59,010	18,500	2,508		0,047		0,250			025		
							0,500			050		
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000		
47,778	50,612				0,052		0,250			025		
							0,500			050		
							1,000			100		
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

108.2

AGN R 4 Benzin, 1781 cm³, 92 kW (125 PS), 10,3:1, 20 Ventile BORA 1.8 4MOTION GOLF IV 1.8 10/1998...05/2005 08/1997...06/2006	41,959	45,000	15,000	1,70			0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27			0,066		0,000	000		
	HL 18066											
HL 18109												
PL 18145												

Ø 81

109

AGU, Euro 2 R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, 20 Ventile BORA 1.8 T GOLF IV 1.8 T NEW BEETLE 1.8 T 05/2000...05/2005 08/1997...06/2006 10/1999...	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97					0,250			025	
									1,000				100
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000		
	53,978	59,019		2,503		0,079		0,250			025		
								0,750				075	
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
	53,978	59,019		2,503		0,079		0,250					
								0,750					
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000		
53,978	59,019	25,030	2,503		0,079		0,250			025			
							0,500			050			
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3				
53,978	59,019		2,503		0,079		0,250						
							0,500						
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1				
53,978	59,019		2,503		0,079		0,250						
							0,500						
53,958	59,000	18,500	2,491	1-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000			
53,978	59,019		2,503		0,079		0,250			025			
							0,500						
53,963	59,000	18,300	2,50		0,001	M916	0,000	HL 20559	5	029 HS 20560 000			
53,983	59,010	18,500	2,508		0,047		0,250			025			
							0,500			050			
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1				
42,975	46,025		1,77		0,066		Semi	300					
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1				
41,975	45,025		3,27		0,066		0,000	000					
HL 18066													
HL 18109													

Ø 81

110

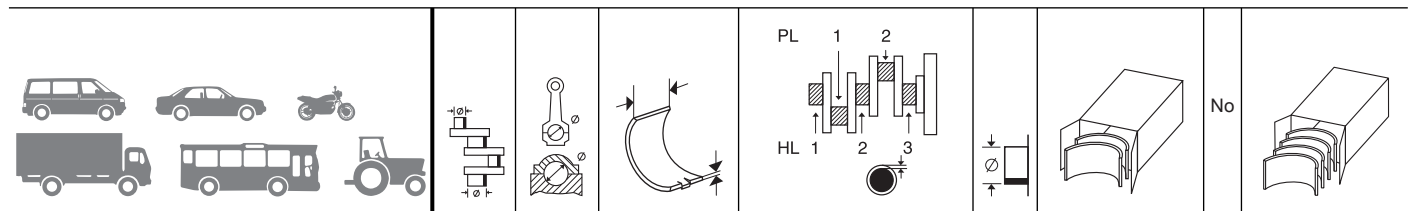
AGX R 5 Diesel, 2461 cm³, 55 kW (75 PS), 19,5:1, 10 Ventile LT 2.5 SDI 07/1996...07/2006	26,000	29,000	25,000					M114	Semi	BB 10247	4	029 BS 10265 300
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Ø 81

111.1

AGZ, AQN, AZX VR 5 Benzin, 2324 cm³, 110 - 125 kW (150 - 170 PS), 10:1 - 10,8:1, 10 Ventile BORA 2.3 GOLF IV 2.3 NEW BEETLE 2.3 I PASSAT 2.3 10/1998...05/2005 08/1997...06/2006 10/2000... 10/1996...05/2005	65,450	79,760		1,673				M157	0,000	AL 20847	2	029 AS 20848 000
	65,690	80,000		1,723								
		23,000	19,500						M100	Semi	BB 20849	5
	23,052	20,000										
	59,958	65,000	16,750	2,493		0,020	M810	0,000	HL 20843	6	029 HS 20853 000	
	59,978	65,010	17,000	2,501		0,066		0,250			025	
								0,500			050	

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

111.2

AGZ, AQN, AZX VR 5 Benzin, 2324 cm³, 110 - 125 kW (150 - 170 PS), 10:1 - 10,8:1, 10 Ventile BORA 2.3 10/1998...05/2005 GOLF IV 2.3 08/1997...06/2006 NEW BEETLE 2.3 I 10/2000... PASSAT 2.3 10/1996...05/2005	53,958 53,978	56,800 56,819	16,750 17,000	1,396 1,404		0,014 0,069	M810	0,000 0,250 0,500	PL 20851	5	029 PS 20854 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Ø 81 112

AHL R 4 Benzin, 1595 cm³, 74 kW (101 PS), 10,3:1, 8 Ventile PASSAT 1.6 10/1996...11/2000	53,500 53,750	65,550 65,800		2,425 2,475			M916	0,000	AL 20865	4	029 AS 20866 000
	47,958 47,978	53,000 53,010	18,250 18,500	2,50 2,506		0,010 0,052	M916	0,000 0,250 0,500	HL 20863	5	029 HS 20864 000 025 050
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050
	41,965 41,980	45,000 45,016	18,750 19,000	1,499 1,507		0,006 0,053	M810	0,000 0,250 0,500	PL 20895	4	029 PS 20896 000 025 050

Ø 81 113

AKL R 4 Benzin, 1595 cm³, 74 kW (100 PS), 10,3:1, 8 Ventile BORA 1.6 10/1998...05/2005 GOLF IV 1.6 08/1997...02/2000 POLO 1.6 12/1995...09/2001	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1	

Ø 81 114

AKS R 4 Benzin, 1595 cm³, 74 kW (100 PS), 10,3:1 GOLF III 1.6 07/1994...04/1999 GOLF III 1.6 I 10/1994...05/1998 GOLF IV 1.6 06/1998...06/2002	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	029 AS 20558 000
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050

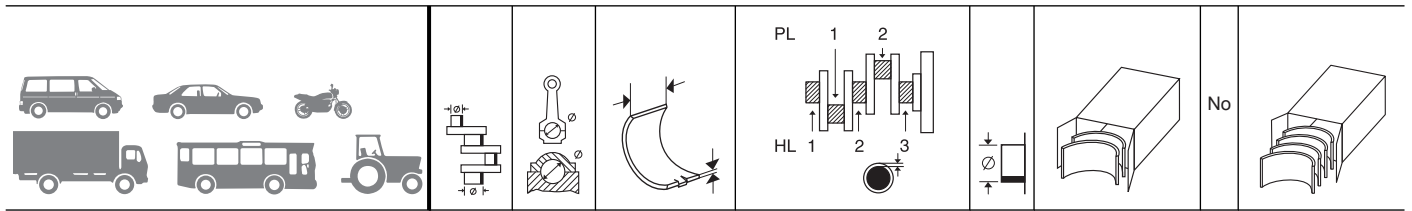
Ø 81 115

ALZ, ANA, AVU, BFQ, BGU, BSE, BSF R 4 Benzin, 1595 cm³, 74 - 75 kW (101 - 102 PS), 8 Ventile BORA 1.6 08/2000...05/2005 CADDY III 1.6 04/2004... GOLF IV 1.6 08/2000...06/2006 GOLF V 1.6 01/2004...11/2008 GOLF VI 1.6 10/2008...11/2012 GOLF PLUS 1.6 05/2005... JETTA III 1.6 10/2005...10/2010 PASSAT 1.6 10/1996...11/2010 TOURAN I 1.6 07/2003...05/2010	53,500 53,750	65,550 65,800		2,425 2,475			M916	0,000	AL 20865	4	029 AS 20866 000
	47,958 47,978	53,000 53,010	18,250 18,500	2,50 2,506		0,010 0,052	M916	0,000 0,250 0,500	HL 20863	5	029 HS 20864 000 025 050
	41,965 41,980	45,000 45,016	18,750 19,000	1,499 1,507		0,006 0,053	M810	0,000 0,250 0,500	PL 20895	4	029 PS 20896 000 025 050

AYD, BFS R 4 Benzin, 1598 cm³, 75 kW (102 PS), 10,5:1, 8 Ventile NEW BEETLE 1.6 06/2000...											
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Ø 81 116

AMY VR 6 Benzin, 2792 cm³, 128 kW (174 PS), 10:1, 12 Ventile SHARAN I 2.8 09/1995...04/2000	59,958 59,978	65,000 65,010	16,750 17,000	2,493 2,501		0,020 0,066	M810	0,000 0,250 0,500	HL 20843	7	029 HS 20844 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	



Ø 81 117

ANJ R 5 Diesel, 2461 cm³, 80 kW (109 PS), 19,5:1, Turbo, LLK, 10 Ventile LT 2.5 TDI 05/1999...07/2006	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000
	63,500	77,200		1,92			M157	0,000	AL 18821	2	
	26,000	29,000	25,000				M114	Semi	BB 10247	4	029 BS 10265 300
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000	HL 18817	6	029 HS 18815 000 025 050

Ø 81 118

APH, AVC, AWC, BKF R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, Hub 86.4mm, Turbo, LLK, 5 Ventile NEW BEETLE 1.8 T 10/1999...09/2010 SHARAN I 1.8 T 09/1997...03/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025

Ø 81 119

ARG R 4 Benzin, 1781 cm³, 92 kW (125 PS), 10,3:1, 20 Ventile PASSAT 1.8 10/1996...11/2000	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025
	53,978	59,019		2,503		0,079		0,250			
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100

HL 18066

PL 18145

Ø 81 120

ARM R 4 Benzin, 1595 cm³, 74 kW (100 PS), 10,3:1, 8 Ventile PASSAT 1.6 10/1996...11/2000	53,500	65,550		2,425			M916	0,000	AL 20865	4	029 AS 20866 000
	53,750	65,800		2,475							
	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	47,958	53,000	18,250	2,50		0,010	M916	0,000	HL 20863	5	029 HS 20864 000 025 050

Ø 81 121

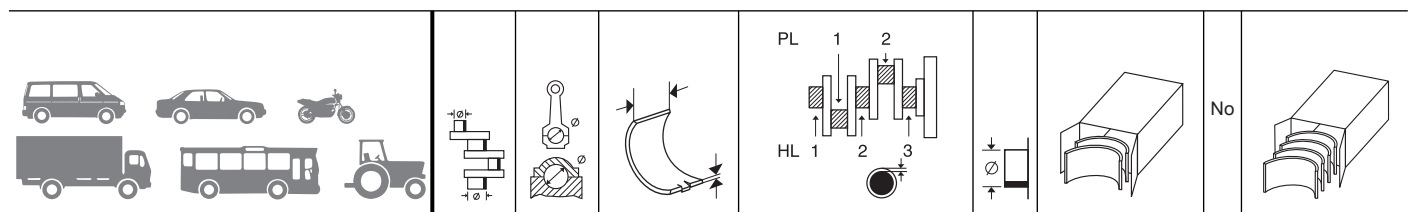
ARX, AUM, AWU, AWW R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, 20 Ventile BORA 1.8 T 05/2000...05/2005 GOLF IV 1.8 T 08/1997...06/2006 NEW BEETLE 1.8 T 10/1999...09/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025
	53,978	59,019		2,503		0,079		0,250			

Ø 81 122

AUQ R 4 Benzin, 1781 cm³, 132 kW (180 PS), 9,5:1, 20 Ventile BORA 1.8 T 03/2002...05/2005 GOLF IV 1.8 T GTI 08/2001...06/2005	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000 025 050

Ø 81 123

AWD, BAE R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1 BORA 1.8 T 05/2000...05/2005 GOLF IV 1.8 T 08/1997...06/2006	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000 025



Ø 81 124

AWH R 4 Benzin, 1595 cm³, 74 kW (100 PS), 10,3:1 NEW BEETLE 1.6 10/1999...09/2000	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050

Ø 81 125

AWL R 4 Benzin, 1781 cm³, 110 kW (150 PS), 9,5:1, 20 Ventile PASSAT 1.8 T 11/2000...05/2005	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		

Ø 81 126

AXD, AXE, BNZ, Euro 3 R 5 Diesel, 2460 cm³, 96 - 128 kW (130 - 174 PS), 18:1, Turbo, LLK, 10 Ventile T5 2.5 TDI 04/2003...11/2009	50,858	53,700	20,100	1,398				0,020	M330	0,000	PL 19908	5	029 PS 20856 000
	50,878	53,712	20,400	1,403				0,064		0,250			025
BAC, BLJ, BLK, Euro 3 R 5 Diesel, 2498 cm³, 120 kW (163 PS), 18:1, 10 Ventile TOUAREG I 2.5 TDI 01/2003...05/2010 T5 2.5 TDI 11/2003...11/2009													
BPC, BPD, BPE, Euro 4 R 5 Diesel, 2461 cm³, 120 - 128 kW (163 - 174 PS), 18:1, Turbo, LLK TOUAREG I 2.5 TDI 01/2003...05/2010 T5 2.5 TDI 04/2003...11/2009													

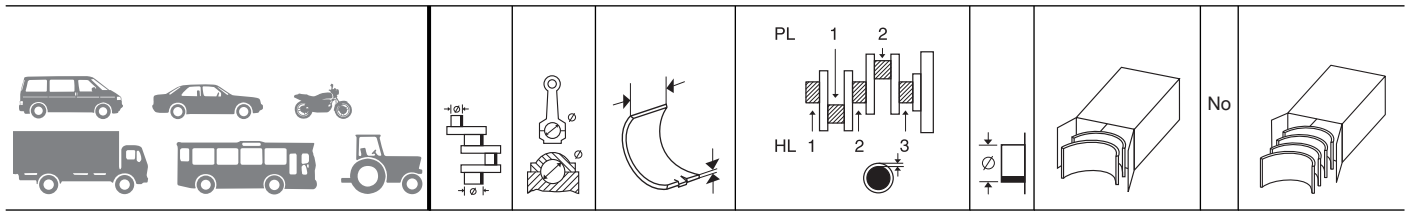
Ø 81 127

AZV, BKD, BMA, BMM, BMN, BMP, BMR, BRT, BUZ, BVE, BVH, CAAB, CAAC, CBAA, CBAB, CBBB, CBDA, CBDB, CBDC, CBHA, CBJB, CBKA, CCHA, CCHB, CEGA, CFCA, CFFB, CFGB, CFHC, CLJA R 4 Diesel, 1968 cm³, 47 - 132 kW (64 - 180 PS), 16 Ventile	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
BEETLE 2.0 TDI 04/2011...12/2012 CADDY III 2.0 TDI 09/2007...11/2010 CC 2.0 TDI 11/2011... EOS 2.0 TDI 06/2006...05/2008 GOLF V 2.0 TDI 10/2003...11/2008 GOLF VI 2.0 TDI 10/2008...05/2013 GOLF PLUS 2.0 TDI 01/2005...05/2009 JETTA III 2.0 TDI 08/2005...10/2010 JETTA IV 2.0 TDI 02/2011... PASSAT 2.0 TDI 03/2005...01/2012 SCIROCCO 2.0 TDI 09/2008...05/2009 SHARAN I 2.0 TDI 11/2005... SHARAN II 2.0 TDI 05/2010... TIGUAN 2.0 TDI 09/2007...03/2008 TOURAN I 2.0 TDI 02/2003...05/2010 T5 2.0 BITDI 09/2009... T5 2.0 TDI 09/2009...05/2010	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975				1,000			100
BEETLE 2.0 TDI 04/2011...12/2012 CADDY III 2.0 TDI 09/2007...11/2010 CC 2.0 TDI 11/2011... EOS 2.0 TDI 06/2006...05/2008 GOLF V 2.0 TDI 10/2003...11/2008 GOLF VI 2.0 TDI 10/2008...05/2013 GOLF PLUS 2.0 TDI 01/2005...05/2009 JETTA III 2.0 TDI 08/2005...10/2010 JETTA IV 2.0 TDI 02/2011... PASSAT 2.0 TDI 03/2005...01/2012 SCIROCCO 2.0 TDI 09/2008...05/2009 SHARAN I 2.0 TDI 11/2005... SHARAN II 2.0 TDI 05/2010... TIGUAN 2.0 TDI 09/2007...03/2008 TOURAN I 2.0 TDI 02/2003...05/2010 T5 2.0 BITDI 09/2009... T5 2.0 TDI 09/2009...05/2010	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					025
BEETLE 2.0 TDI 04/2011...12/2012 CADDY III 2.0 TDI 09/2007...11/2010 CC 2.0 TDI 11/2011... EOS 2.0 TDI 06/2006...05/2008 GOLF V 2.0 TDI 10/2003...11/2008 GOLF VI 2.0 TDI 10/2008...05/2013 GOLF PLUS 2.0 TDI 01/2005...05/2009 JETTA III 2.0 TDI 08/2005...10/2010 JETTA IV 2.0 TDI 02/2011... PASSAT 2.0 TDI 03/2005...01/2012 SCIROCCO 2.0 TDI 09/2008...05/2009 SHARAN I 2.0 TDI 11/2005... SHARAN II 2.0 TDI 05/2010... TIGUAN 2.0 TDI 09/2007...03/2008 TOURAN I 2.0 TDI 02/2003...05/2010 T5 2.0 BITDI 09/2009... T5 2.0 TDI 09/2009...05/2010	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025
BWV R 4 Diesel, 1998 cm³, 88 kW (120 PS), 18,5:1, Turbo, LLK, 16 Ventile PASSAT 2.0 TDI 11/2005...05/2007											

Ø 81 128.1

BAF R 4 Benzin, 1781 cm³, 92 kW (125 PS), 10,3:1 BORA 1.8 10/1998...05/2005 GOLF IV 1.8 08/1997...06/2005	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025

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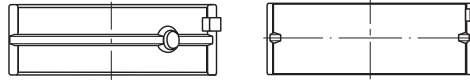


Ø 81 - Fortsetzung / Continued

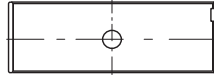
128.2

BAF R 4 Benzin, 1781 cm³, 92 kW (125 PS), 10,3:1 BORA 1.8 10/1998...05/2005 GOLF IV 1.8 08/1997...06/2005	47,758	50,600	19,000	1,393			0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,778	50,612					0,052		0,250 0,500 1,000			

HL 18066



PL 18145



Ø 81

129

BDJ R 4 Diesel, 1968 cm³, 51 kW (70 PS), 19:1, 8 Ventile CADDY III 2.0 SDI 03/2004...08/2010	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97					0,250 1,000			
	59,000	72,950		1,925				M157	0,000	AL 20557	4	
	59,750	73,200		1,975								
	53,958	59,000	18,200	2,495			0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501			0,064					

Ø 81

130

BDK, BST, CJAA, CKTB, CKTC, CKUB, CKUC, CLCB R 4 Diesel, 1968 cm³, 51 - 120 kW (69 - 163 PS), 8 Ventile BEETLE 2.0 TDI 04/2011...12/2012 CADDY III 2.0 SDI 03/2004...08/2010 CADDY III 2.0 TDI 11/2010... CRAFTER 2.0 TDI 05/2011...11/2011 GOLF V 2.0 SDI 01/2004... GOLF VI 2.0 TDI 10/2008...05/2013 JETTA III 2.0 TDI 08/2005...10/2010 JETTA IV 2.0 TDI 02/2011...	59,000	72,950		1,925				M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975								
	53,958	59,000	18,200	2,495			0,020	M218	0,000	HL 19910	5	
	53,978	59,012	18,500	2,501			0,064					

Ø 81

131

BHW R 4 Diesel, 1998 cm³, 100 kW (136 PS), 18,5:1, 8 Ventile PASSAT 2.0 TDI 12/2003...05/2005	59,500	72,920		1,93				M157	0,000	AL 18669	4	029 AS 18668 000 025 100	
	59,750	73,200		1,97					0,250 1,000				
	26,000	29,000	25,000					M114	Semi	BB 10247	4		029 BS 10265 300
	53,958	59,000	18,200	2,495			0,020	M218	0,000	HL 19910	5		029 HS 19911 000
	53,978	59,012	18,500	2,501			0,064						
	50,858	53,700	20,100	1,398			0,020	M330	0,000	PL 19908	4	029 PS 19909 000	
	50,878	53,712	20,400	1,403			0,064		0,250			025	

Ø 81

132

BJH R 4 Benzin, 1595 cm³, 75 kW (102 PS) BORA 1.6 08/2000...05/2005 GOLF IV 1.6 08/2000...06/2005	41,965	45,000	18,750	1,499			0,006	M810	0,000	PL 20895	4	029 PS 20896 000 025 050
	41,980	45,016	19,000	1,507			0,053		0,250 0,500			

Ø 81

133

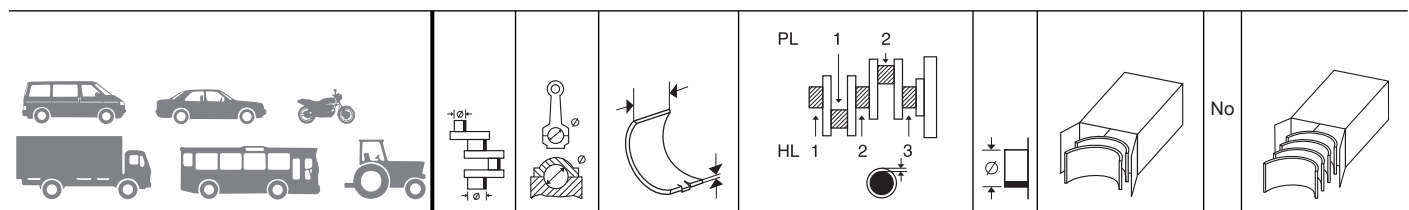
BJJ, BJK, BJL, CEBB, CECA, CECB , Euro 4 R 5 Diesel, 2459 cm³, 65 - 120 kW (88 - 163 PS) CRAFTER 2.5 TDI 04/2006...07/2011	57,958	63,000	18,500	2,502	1.-6.		0,016	M900	0,000	HL 18817	6	029 HS 18815 000 025 050
	57,978	63,019					0,079		0,250 0,500			
CEBA R 5 Diesel, 2461 cm³, 65 kW (88 PS), 10 Ventile CRAFTER 2.5 TDI 04/2006...07/2011	50,858	53,700	20,100	1,398			0,020	M330	0,000	PL 19908	5	029 PS 20856 000
	50,878	53,712	20,400	1,403			0,064		0,250			025

Ø 81

134.1

BJM , Euro 4 R 5 Diesel, 2459 cm³, 120 kW (163 PS), 16,8:1, Turbo, LLK, 10 Ventile CRAFTER 2.5 TDI 04/2006...07/2011	63,500	77,200		1,92				M157	0,000	AL 18820	2	029 AS 18822 000
				1,97								
	63,500	77,200		1,92				M157	0,000	AL 18821	2	
			1,97									
	57,958	63,000	18,500	2,502	1.-6.		0,016	M900	0,000	HL 18817	6	029 HS 18815 000
	57,978	63,019					0,079		0,250 0,500			025 050

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

134.2

BJM, Euro 4 R 5 Diesel, 2459 cm³, 120 kW (163 PS), 16,8:1, Turbo, LLK, 10 Ventile CRAFTER 2.5 TDI 04/2006...07/2011	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	5	029 PS 20856 000
	50,878	53,712	20,400	1,403		0,064		0,250			025

Ø 81

135

BKP, CLCA R 4 Diesel, 1968 cm³, 81 kW (110 PS), Turbo, LLK, 16 Ventile CADDY III 2.0 TDI 08/2010... CADDY IV 2.0 TDI 09/2015... GOLF VI 2.0 TDI 10/2008...01/2010 GOLF PLUS 2.0 TDI 03/2009... JETTA IV 2.0 TDI 10/2010... PASSAT 2.0 TDI 03/2005...08/2005 TOURAN II 2.0 TDI 11/2010...	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025

Ø 81

136

BNU R 4 Benzin, 1781 cm³, 132 kW (180 PS), 9,5:1, Turbo, 5 Ventile NEW BEETLE 1.8 T 11/2001...06/2005	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019	18,500	2,503		0,079		0,250			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		

Ø 81

137

CAAA, CAAE, CDBA, CDCA, CFFA, CFFD, CFFE, CFGC, CFHB, CFHE, CFHF, CFJA R 4 Diesel, 1968 cm³, 62 - 130 kW (84 - 177 PS), 16 Ventile AMAROK 2.0 BITDI 09/2010... CADDY III 2.0 TDI 08/2010...05/2012 CC 2.0 TDI 11/2011...12/2012 EOS 2.0 TDI 05/2008... GOLF VI 2.0 TDI 10/2008...11/2012 GOLF PLUS 2.0 TDI 05/2005... PASSAT 2.0 TDI 06/2008...01/2013 SCIROCCO 2.0 TDI 11/2010... SHARAN 2.0 TDI 01/2013... TIGUAN 2.0 TDI 11/2007...05/2010 TOURAN I 2.0 TDI 12/2005...05/2010 TOURAN II 2.0 TDI 05/2010... T5 2.0 TDI 09/2009...05/2010	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							

Ø 81

138

CBAC R 4 Diesel, 1968 cm³, 105 kW (143 PS), 16 Ventile PASSAT 2.0 BLUETDI 01/2009...11/2010	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					

Ø 81

139

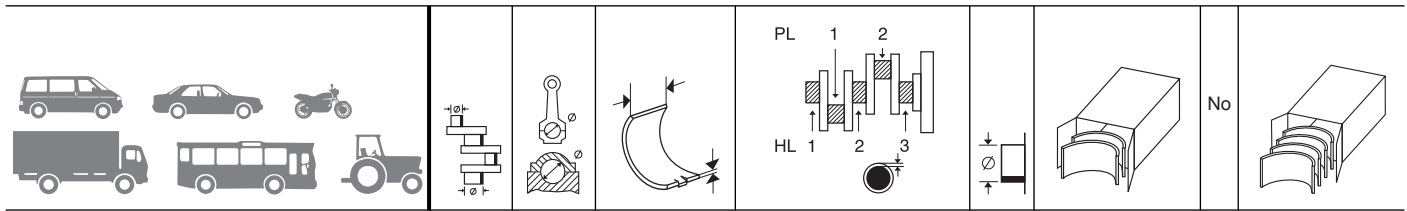
CBBA R 4 Diesel, 1968 cm³, 120 kW (163 PS), 16 Ventile PASSAT 2.0 TDI 05/2008...11/2008 TIGUAN 2.0 TDI 02/2008...08/2009	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
	53,958	59,000	18,200	2,495		0,020	M218	0,000	HL 19910	5	029 HS 19911 000
	53,978	59,012	18,500	2,501		0,064					
	50,858	53,700	20,100	1,398		0,020	M330	0,000	PL 19908	4	029 PS 19909 000
	50,878	53,712	20,400	1,403		0,064		0,250			025

Ø 81

140.1

DS, DZ, JV R 4 Benzin, 1781 cm³, 66 - 82 kW (89 - 112 PS), 9:1 - 10:1, 8 Ventile PASSAT 1.8 01/1983...03/1988 SANTANA 1.8 01/1983...12/1984	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97				0,250			025
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975				1,000			100
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
	53,978	59,019	18,500	2,503		0,079		0,250			025
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			075
								0,750			

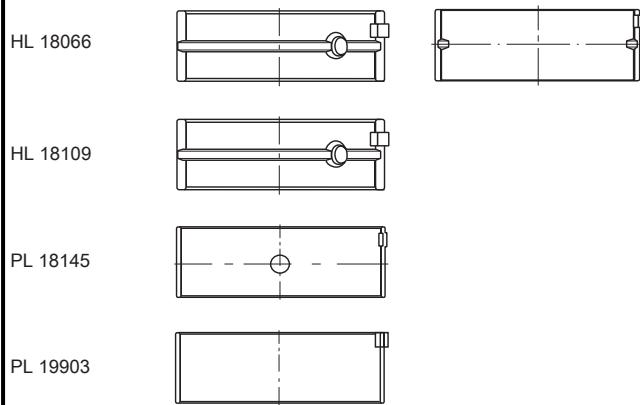
Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

140.2

DS, DZ, JV R 4 Benzin, 1781 cm³, 66 - 82 kW (89 - 112 PS), 9:1 - 10:1, 8 Ventile PASSAT 1.8 SANTANA 1.8 01/1983...03/1988 01/1983...12/1984	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3		
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1		
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5		029 HS 19761 000 025
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4		
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4		029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1		
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300 000	1		

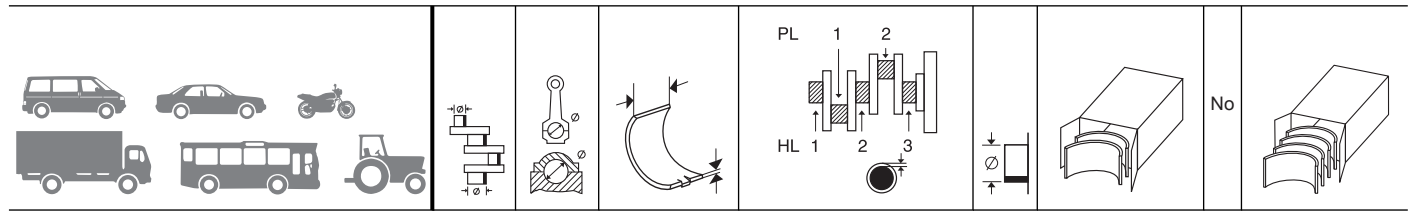


Ø 81

141.1

DT R 4 Benzin, 1595 cm³, 55 kW (75 PS), 9:1, 8 Ventile PASSAT 1.6 SANTANA 1.6 08/1980...03/1988 08/1981...12/1984	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	
	21,996 22,000	25,000 25,033	25,000	1,70 1,77		0,012 0,022	M100	Semi	BB 18082	4	029 BS 18083 300
	19,997 20,000	23,000 23,052	25,000	1,70 1,80		0,012 0,021	M100	Semi	BB 18130	4	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	24,910 25,030	2,491 2,503	3.	0,016 0,079	M100	0,000 0,250 0,500	FL 18110	1	029 HS 18071 000 025 050
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.5.	0,016 0,079	M100	0,000 0,250 0,500	HL 18066	3	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,500	HL 18109	1	

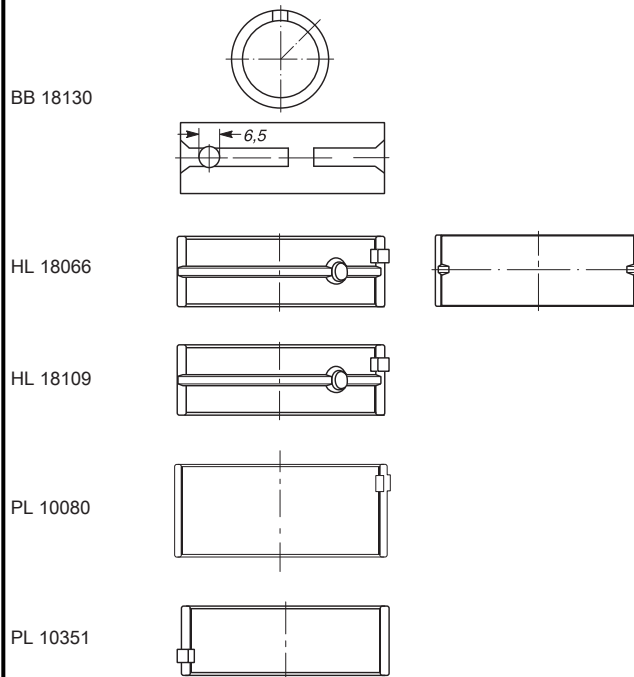
Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

141.2

DT R 4 Benzin, 1595 cm ³ , 55 kW (75 PS), 9:1, 8 Ventile PASSAT 1.6 SANTANA 1.6 08/1980...03/1988 08/1981...12/1984	47,763	50,600	18,500	1,406		0,020	M114	0,000	PL 10080	4	029 PS 10224 000
	47,778	50,612				0,062		0,250			025
								0,500			050
								0,750			075
	45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000
	45,978	49,012				0,062		0,250			025
								0,500			050
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi			300
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000			000

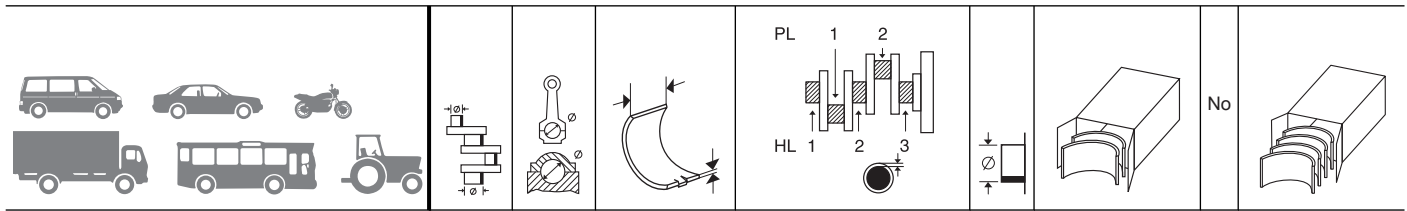


Ø 81

142.1

DX, JH, KT R 4 Benzin, 1781 cm ³ , 70 - 82 kW (95 - 112 PS), 10:1, 8 Ventile CADDY I 1.8 GOLF I 1.8 GOLF I 1.8 GTI GOLF II 1.8 GTI SCIROCCO 1.8 08/1985...07/1992 08/1982...04/1993 08/1982...12/1983 08/1983...12/1989 08/1982...07/1992	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300
	20,000	23,052		1,80		0,021					
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000
	53,978	59,019	25,030	2,503		0,079		0,250			025
								0,500			050
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
	53,978	59,019		2,503		0,079		0,250			
								0,500			
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				
							0,500				
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
	47,778	50,612				0,052		0,250			025
								0,500			050
								1,000			100
	42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	
	42,975	46,025		1,77		0,066		Semi			300

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

142.2

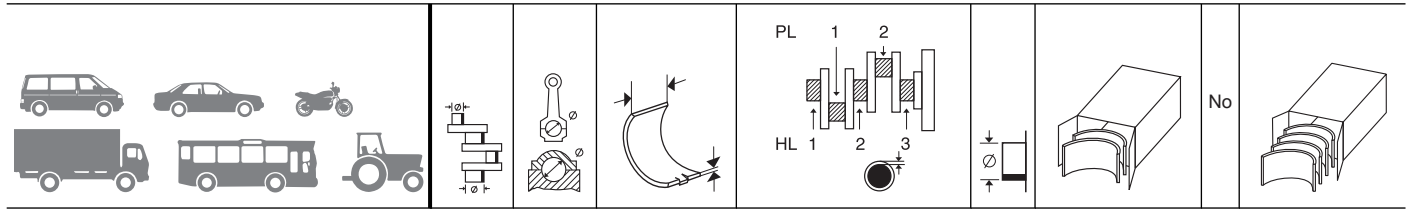
DX, JH, KT R 4 Benzin, 1781 cm³, 70 - 82 kW (95 - 112 PS), 10:1, 8 Ventile CADDY I 1.8 GOLF I 1.8 GOLF I 1.8 GTI GOLF II 1.8 GTI SCIROCCO 1.8	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
	BB 18130										
	HL 18066										
	HL 18109										
PL 18145											

Ø 81

143.1

EW, HN, RE, RL R 4 Benzin, 1595 cm³, 53 - 55 kW (72 - 75 PS), 9:1, 8 Ventile CADDY I 1.6 GOLF I 1.6 JETTA I 1.6 PASSAT 1.6 SCIROCCO 1.6	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
									1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300	
	22,000	25,033		1,77		0,022						
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300	
	20,000	23,052		1,80		0,021						
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750			075	
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
								0,750				
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000	
53,978	59,019	25,030	2,503		0,079		0,250			025		
							0,500			050		
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3			
53,978	59,019		2,503		0,079		0,250					
							0,500					
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
53,978	59,019		2,503		0,079		0,250					
							0,500					
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000		
47,778	50,612				0,052		0,250			025		
							0,500			050		
							1,000			100		
45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000		
45,978	49,012				0,062		0,250			025		
							0,500			050		
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

144.2

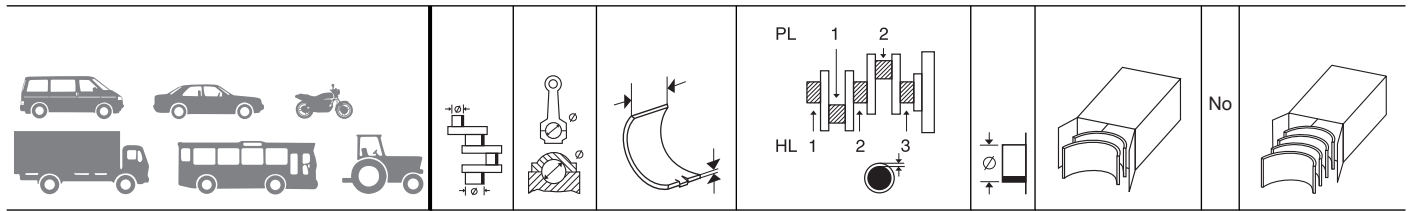
EZ, PN R 4 Benzin, 1595 cm ³ , 51 - 55 kW (69 - 75 PS), 9:1, 8 Ventile GOLF II 1.6 JETTA II 1.6 PASSAT 1.6 08/1983...12/1992 01/1984...10/1991 02/1988...09/1991	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
	BB 18130										
	HL 18066										
HL 18109											
PL 18145											
PL 19903											
PL 10351											

Ø 81

145.1

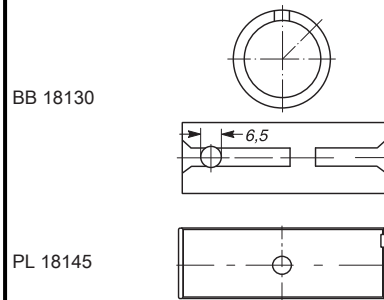
EZA, JU R 4 Benzin, 1595 cm ³ , 51 - 55 kW (69 - 75 PS), 9:1, 8 Ventile GOLF II 1.6 08/1986...07/1991	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
									1,000			100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	21,996	25,000	25,000	1,70		0,012	M100	Semi	BB 18082	4	029 BS 18083 300	
	22,000	25,033		1,77		0,022						
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300	
	20,000	23,052		1,80		0,021						
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750			075	
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250					
							0,750					
53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000		
53,978	59,019	25,030	2,503		0,079		0,250			025		
							0,500			050		
53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3			
53,978	59,019		2,503		0,079		0,250					
							0,500					
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1			
53,978	59,019		2,503		0,079		0,250					
							0,500					
45,958	49,000	19,000	1,506		0,010	M780	0,000	PL 10351	4	034 PS 18670 000		
45,978	49,012				0,062		0,250			025		
							0,500			050		
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				

Fortsetzung nächste Seite / Continued on next page



Ø 81 147

HP R 5 Benzin, 1994 cm³, 85 kW (115 PS), 10:1 PASSAT 2.0 08/1983...03/1988 SANTANA 2.0 08/1983...12/1984	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	5	029 BS 18689 300
	20,000	23,052		1,80		0,021					
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
47,758	50,600	19,000	1,393		0,010	M215	0,000 0,250 0,500 0,750 1,000	PL 18145	5	029 PS 18723 000 025 050 075 100	



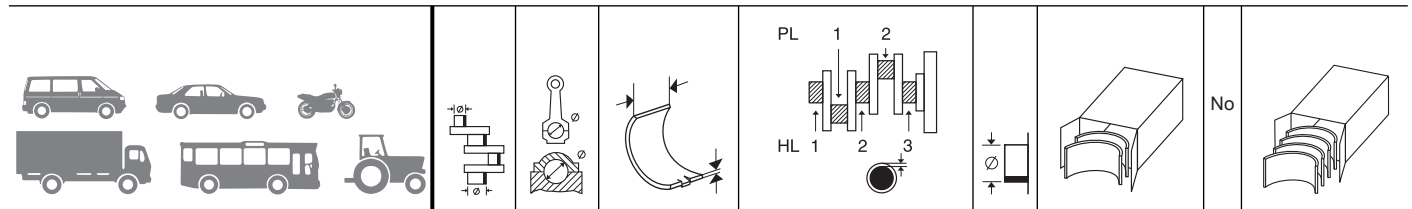
Ø 81 148

HT R 4 Benzin, 1781 cm³, 74 - 77 kW (100 - 104 PS), 10:1, Hub 86.4mm, 8 Ventile GOLF II 1.8 GTI 01/1985...07/1985	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
53,978	59,019		2,503		0,079						
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
41,975	45,025		3,27		0,066		0,000	000			

Ø 81 149.1

HY R 5 Benzin, 2226 cm³, 100 kW (136 PS), 9,3:1, 10 Ventile PASSAT 2.2 08/1984...07/1988	63,500	77,200		1,92			M157	0,000	AL 18820	2	029 AS 18822 000
				1,97							
	63,500	77,200		1,92			M157	0,000	AL 18821	2	
				1,97							
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	5	029 BS 18689 300
	20,000	23,052		1,80		0,021					
	57,958	63,000	18,500	2,502	1.-6.	0,016	M900	0,000 0,250 0,500	HL 18817	6	029 HS 18815 000 025 050
57,978	63,019		2,503		0,079						
57,958	63,000	24,860	2,491	3.	0,016	M114	0,000 0,500 0,750	FL 18818	1	029 HS 18819 000 050 075	
57,978	63,019	24,910	2,503		0,079						
57,958	63,000	18,500	2,502	1.2.4.5.6.	0,016	M900	0,000 0,500 0,750	HL 18817	5		
57,978	63,019		2,503		0,079						
47,758	50,600	19,000	1,393		0,010	M215	0,000 0,250 0,500 0,750 1,000	PL 18145	5	029 PS 18723 000 025 050 075 100	
47,778	50,612		1,393		0,052						

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

149.2

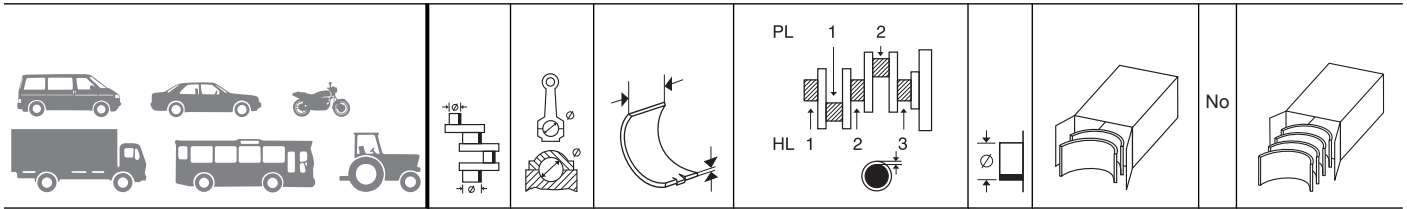
HY R 5 Benzin, 2226 cm ³ , 100 kW (136 PS), 9,3:1, 10 Ventile PASSAT 2.2 08/1984...07/1988	47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	5	029 PS 19904 000 025 050 075
	47,778	50,619	19,000	1,406		0,067		0,250 0,500 0,750			
BB 18130											
PL 18145											
PL 19903											

Ø 81

150.1

JN R 4 Benzin, 1781 cm ³ , 66 - 68 kW (90 - 93 PS), 10:1, 8 Ventile PASSAT 1.8 01/1983...03/1988	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 025 100
	59,750	73,200		1,97				0,250 1,000			
	59,000	72,950		1,925			M157	0,000	AL 20557	4	
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000 025 075
	53,978	59,019		2,503		0,079		0,250 0,750			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250 0,750			
	53,958	59,000	24,910	2,491	3.	0,016	M100	0,000	FL 18110	1	029 HS 18071 000 025 050
	53,978	59,019	25,030	2,503		0,079		0,250 0,500			
	53,958	59,000	18,500	2,491	1.2.5.	0,016	M100	0,000	HL 18066	3	
53,978	59,019		2,503		0,079		0,250 0,500				
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250 0,500				
53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000	
53,978	59,019		2,503		0,079		0,250			025	
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000 025 050 100	
47,778	50,612				0,052		0,250 0,500 1,000				
47,758	50,600	18,700	1,395		0,012	M114	0,000	PL 19903	4	029 PS 19905 000 025 050	
47,778	50,619	19,000	1,406		0,067		0,250 0,500				
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1	300	
42,975	46,025		1,77		0,066		Semi				

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

152.2

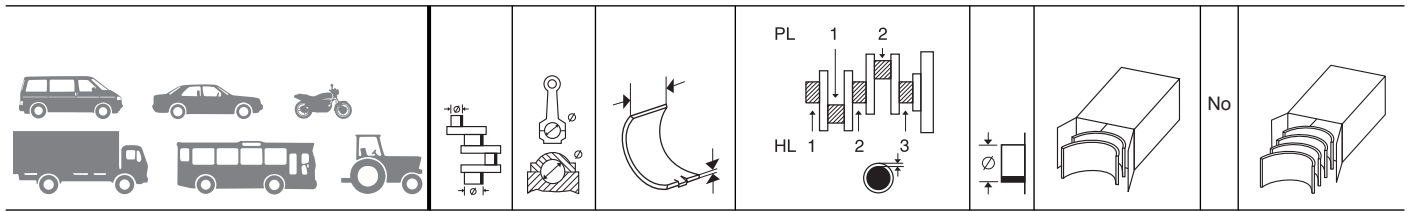
PG R 4 Benzin, 1781 cm ³ , 110 - 118 kW (150 - 160 PS), 8:1, Hub 86.4mm, Turbo, 8 Ventile CORRADO 1.8 09/1988...09/1993 GOLF II 1.8 GTI G60 08/1988...07/1991 PASSAT 1.8 G60 08/1988...05/1997	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000	1	300
	41,959 41,975	45,000 45,025	15,000	1,70 3,27		0,025 0,066	M11	Semi 0,000	029 LB 18192 300	1	000
HL 18066											
HL 18109											
PL 18145											

Ø 81

153.1

RF R 4 Benzin, 1595 cm ³ , 53 kW (72 PS), 9:1, 8 Ventile GOLF II 1.6 02/1986...10/1991 JETTA II 1.6 03/1986...10/1991	59,500 59,750	72,920 73,200		1,93 1,97			M157	0,000 0,250 1,000	AL 18669	4	029 AS 18668 000 025 100
	59,000 59,750	72,950 73,200		1,925 1,975			M157	0,000	AL 20557	4	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.2.3.5.	0,016 0,079	M100	0,000 0,250 0,750	HL 18066	4	029 HS 18067 000 025 075
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	4.	0,016 0,079	M183	0,000 0,250 0,750	HL 18109	1	
	53,958 53,978	59,000 59,019	18,500	2,491 2,503	1.-5.	0,016 0,079	M100	0,000 0,250	HL 18066	5	029 HS 19761 000 025
	47,758 47,778	50,600 50,612	19,000	1,393		0,010 0,052	M215	0,000 0,250 0,500 1,000	PL 18145	4	029 PS 18146 000 025 050 100
	47,758 47,778	50,600 50,619	18,700 19,000	1,395 1,406		0,012 0,067	M114	0,000 0,250 0,500	PL 19903	4	029 PS 19905 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000	1	300

Fortsetzung nächste Seite / Continued on next page



Ø 81 - Fortsetzung / Continued

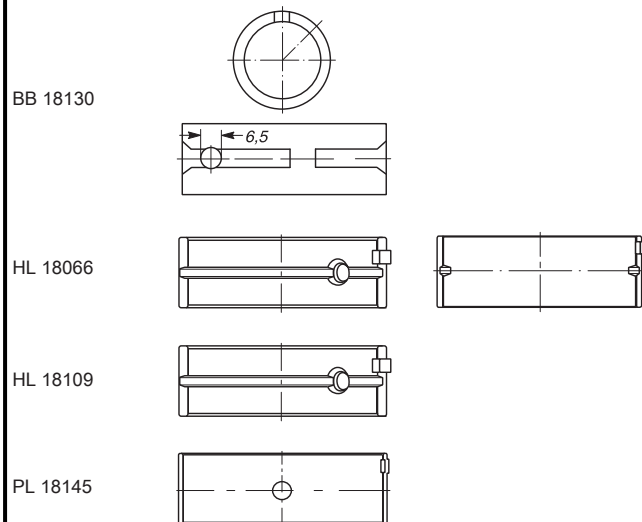
153.2

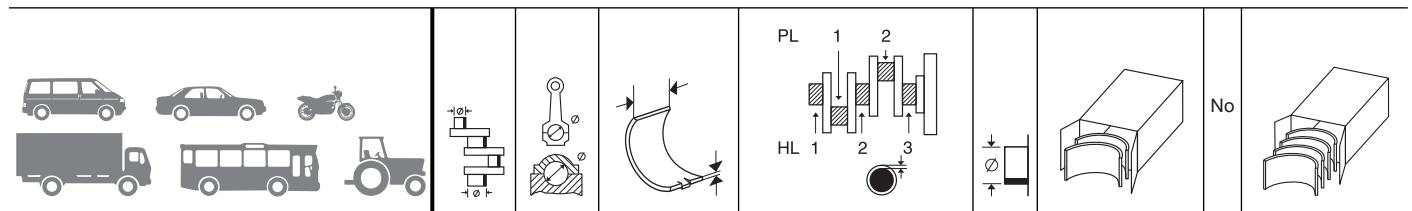
RF R 4 Benzin, 1595 cm ³ , 53 kW (72 PS), 9:1, 8 Ventile GOLF II 1.6 JETTA II 1.6 02/1986...10/1991 03/1986...10/1991	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1
	41,975	45,025		3,27		0,066		0,000	000	
	HL 18066									
	HL 18109									
	PL 18145									
PL 19903										

Ø 81

154

RV R 4 Benzin, 1781 cm ³ , 77 kW (105 PS), 10:1, Hub 86.4mm, 8 Ventile	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
								1,000				100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	19,997	23,000	25,000	1,70		0,012	M100	Semi	BB 18130	4	029 BS 18131 300	
	20,000	23,052		1,80		0,021						
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750			075	
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
								0,750				
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000		
47,778	50,612				0,052		0,250			025		
							0,500			050		
							1,000			100		
47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000		
47,778	50,612	19,000	1,406		0,054		0,250			025		
							0,500			050		
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi	300				
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1			
41,975	45,025		3,27		0,066		0,000	000				



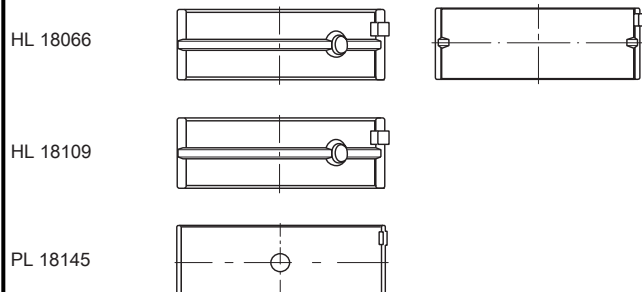


Ø 82 155

ABV VR 6 Benzin, 2876 cm³, 135 - 140 kW (184 - 190 PS), 10:1, 12 Ventile CORRADO 2.9 GOLF III 2.9 PASSAT 2.9 08/1991...12/1995 10/1994...04/1999 01/1994...05/1997	65,450	79,760		1,673			M157	0,000	AL 20847	2	029 AS 20848 000
	65,690	80,000		1,723							
		23,000	19,500				M100	Semi	BB 20849	6	029 BS 20850 300
		23,052	20,000								
	59,958	65,000	16,750	2,493		0,020	M810	0,000	HL 20843	7	029 HS 20844 000
59,978	65,010	17,000	2,501		0,066		0,250			025	
							0,500				050
53,958	56,800	16,750	1,396		0,014	M810	0,000	PL 20851	6	029 PS 20852 000	
53,978	56,819	17,000	1,404		0,069		0,250			025	
							0,500				050
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1		
42,975	46,025		1,77		0,066		Semi			300	

Ø 82,5 156

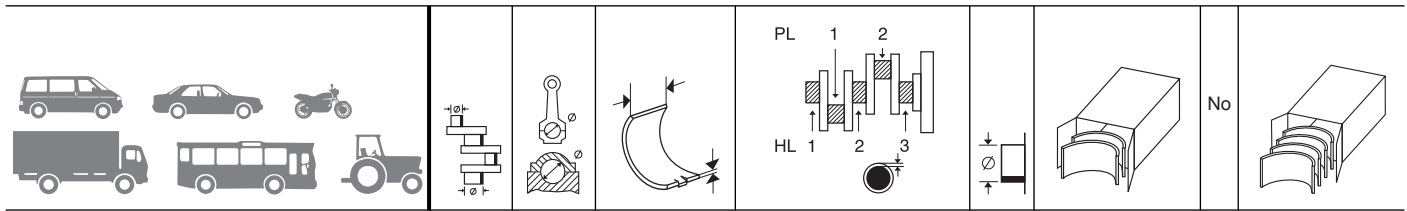
2E, ABF R 4 Benzin, 1984 cm³, 85 - 110 kW (115 - 150 PS), 10,4:1, 8 Ventile CORRADO 2.0 I GOLF III 2.0 GTI GOLF III 2.0 I PASSAT 2.0 VENTO 2.0 04/1993...12/1995 11/1991...08/1997 07/1993...04/1999 02/1990...05/1997 11/1991...09/1998	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000	
	59,750	73,200		1,97				0,250			025	
								1,000				100
	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000	
	59,750	73,200		1,975								
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000	
	53,978	59,019		2,503		0,079		0,250			025	
								0,750				075
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
	53,978	59,019		2,503		0,079		0,250				
							0,750					
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000		
47,778	50,612				0,052		0,250			025		
							0,500			050		
							1,000			100		
42,959	46,000	15,000	1,70		0,025	M11	0,000	029 LB 18191 000	1			
42,975	46,025		1,77		0,066		Semi			300		
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1			
41,975	45,025		3,27		0,066		0,000			000		



Ø 82,5 157.1

9A R 4 Benzin, 1984 cm³, 100 kW (136 PS), 10,8:1, Hub 92.8mm, 16 Ventile CORRADO 2.0 I PASSAT 2.0 08/1991...12/1995 08/1988...09/1993	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	029 HS 18067 000
	53,978	59,019		2,503		0,079		0,250			025
							0,750				075
53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1		
53,978	59,019		2,503		0,079		0,250				
							0,750				
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000	
47,778	50,612				0,052		0,250			025	
							0,500			050	
							1,000			100	

Fortsetzung nächste Seite / Continued on next page



Ø 82,5 - Fortsetzung / Continued

157.2

9A R 4 Benzin, 1984 cm³, 100 kW (136 PS), 10,8:1, Hub 92.8mm, 16 Ventile CORRADO 2.0 I 08/1991...12/1995 PASSAT 2.0 08/1988...09/1993	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		
	HL 18066										
HL 18109											
PL 18145											

Ø 82,5

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ADY, ASU R 4 Benzin, 1984 cm³, 85 - 88 kW (115 - 120 PS), 10,4:1, 8 Ventile CORRADO 2.0 I 04/1993...12/1995 GOLF III 2.0 GTI 11/1991...08/1997 GOLF III 2.0 I 07/1993...04/1999 PASSAT 2.0 02/1990...11/2000 SHARAN I 2.0 09/1995... VENTO 2.0 11/1991...09/1998	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		

Ø 82,5

159

AEG, AEP, APK, AQY R 4 Benzin, 1984 cm³, 79 - 85 kW (107 - 116 PS), 10,4:1 - 10,5:1, 8 Ventile BORA 2.0 10/1998...05/2005 GOLF IV 2.0 07/1998...06/2006 NEW BEETLE 2.0 I 01/1998... PASSAT 2.0 03/1995...08/1996	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000
	47,778	50,612			0,052		0,250			025	050
							1,000				100
HL 18066											
PL 18145											

Ø 82,5

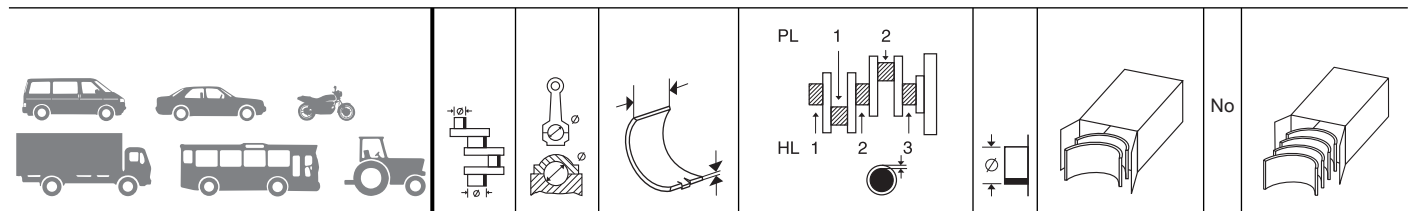
160

AGG, AKR, ATM, ATU, AUZ, AWF, AWG R 4 Benzin, 1984 cm³, 85 - 88 kW (115 - 120 PS), 10,1 - 10,5:1, 8 Ventile GOLF III 2.0 08/1995...04/1999 GOLF III 2.0 GTI 11/1991...08/1997 GOLF III 2.0 I 07/1993...04/1999 GOLF IV 2.0 I 06/1998...06/2002 PASSAT 2.0 02/1990...11/2000 SHARAN I 2.0 09/1995... SHARAN I 2.0 LPG 05/2008... VENTO 2.0 11/1991...09/1998	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025
	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
							0,500			050	
41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1		
	41,975	45,025		3,27		0,066		000			

Ø 82,5

161

ALT R 4 Benzin, 1984 cm³, 96 kW (130 PS), 10,3:1, 20 Ventile PASSAT 2.0 11/2001...05/2005	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							
	53,963	59,000	18,300	2,50		0,001	M916	0,000	HL 20559	5	029 HS 20560 000
	53,983	59,010	18,500	2,508		0,047		0,250			025
								0,500			050
47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000	
	47,778	50,612	19,000	1,406		0,054		0,250		025	
							0,500			050	



Ø 82,5 162

AVA, AZM, BBX, BEF, BEH, BHY, BSX, CBSA, CKJA R 4 Benzin, 1984 cm³, 37 - 85 kW (50 - 116 PS), 8 Ventile CADDY III 2.0 04/2006... GOLF IV 2.0 BI-FUEL 02/2002...06/2006 GOLF V 2.0 08/2006... JETTA IV 2.0 06/2010... PASSAT 2.0 11/2000...05/2005 TOURAN I 2.0 02/2006...05/2009	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							

Ø 82,5 163

AVH, CBPA R 4 Benzin, 1984 cm³, 85 kW (115 PS) GOLF V 2.0 08/2006... JETTA IV 2.0 06/2010... NEW BEETLE 2.0 I 01/1998...	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000

53,978	59,019		2,503		0,079			0,250			025
47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	029 PS 18146 000	
47,778	50,612				0,052		0,250	0,500			025
							1,000				050
											100

HL 18066		
PL 18145		

Ø 82,5 164

AXW R 4 Benzin, 1984 cm³, 110 kW (150 PS), 11,5:1, Turbo, LLK, 16 Ventile GOLF V 2.0 FSI 01/2004...11/2008 TOURAN I 2.0 FSI 10/2003...11/2005	47,758	50,600	18,750	1,40		0,010	M920	0,000	PL 20033	4	029 PS 20034 000
	47,778	50,612	19,000	1,406		0,054		0,250			025
								0,500			050

Ø 82,5 165

AXX, BPY, BWA R 4 Benzin, 1998 cm³, 147 kW (200 PS), 10:1 - 10,5:1, Hub 92.8mm, Turbo, 16 Ventile EOS 2.0 TFSI 03/2006... GOLF V 2.0 GTI 10/2004...02/2009 JETTA III 2.0 TFSI 08/2005...10/2010 PASSAT 2.0 FSI 07/2005...11/2010	59,500	71,550		2,425			M916	0,000	AL 20867	4	029 AS 20868 000
	59,750	71,800		2,475							

Ø 82,5 166

AZG, AZJ, BEJ, BER, BEV, BHP R 4 Benzin, 1984 cm³, 85 kW (115 - 116 PS), 10,3:1, Hub 92.8mm, 8 Ventile BORA 2.0 10/1998...05/2005 GOLF IV 2.0 07/1998...06/2006 NEW BEETLE 2.0 I 01/1998...09/2002	59,000	72,950		1,925			M157	0,000	AL 20557	4	029 AS 20558 000
	59,750	73,200		1,975							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000

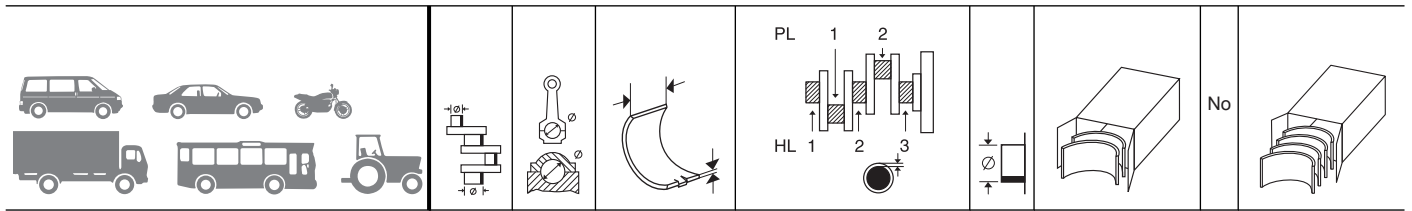
53,978	59,019		2,503		0,079			0,250			025
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Ø 82,5 167

BBW R 4 Benzin, 1984 cm³, 85 kW (115 PS), 10,5:1, 8 Ventile BORA 2.0 10/1998...05/2005	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							
	53,958	59,000	18,500	2,491	1.-5.	0,016	M100	0,000	HL 18066	5	029 HS 19761 000
	53,978	59,019		2,503		0,079		0,250			025

Ø 82,5 168

BFF R 4 Benzin, 1984 cm³, 85 kW (115 PS) PASSAT 2.0 11/2000...05/2005	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000
	59,750	73,200		1,97							



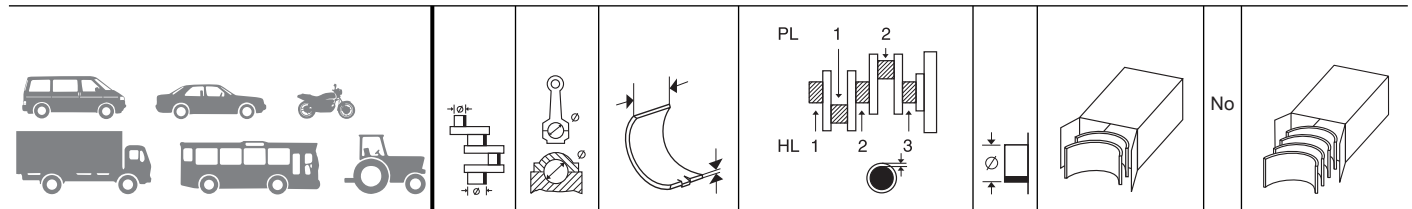
Ø 82,5											169
BLR, BLX, BLY, BVX, BVY, BVZ R 4 Benzin, 1984 cm³, 110 kW (150 PS), 11,5:1, Turbo, LLK, 16 Ventile EOS 2.0 FSI 03/2006... GOLF V 2.0 FSI 01/2004...11/2008 GOLF PLUS 2.0 FSI 05/2005...06/2008 JETTA III 2.0 FSI 08/2005...10/2010 PASSAT 2.0 FSI 03/2005...11/2010 TOURAN I 2.0 FSI 10/2003...11/2005	59,500 59,750	71,550 71,800		2,425 2,475			M916	0,000	AL 20867	4	029 AS 20868 000
	47,758 47,778	50,600 50,612	18,750 19,000	1,40 1,406		0,010 0,054	M920	0,000 0,250 0,500	PL 20033	4	029 PS 20034 000 025 050

Ø 83											170
311, H B 4 Benzin, 1493 cm³, 32 - 33 kW (44 - 45 PS) 181 1.5 09/1969...07/1970 KAEFER 1500 1.5 01/1966...11/1973 KARMANN 1500 01/1966...12/1969	54,971 54,990	65,500 65,519	27,046 27,091	5,227 5,237	1.	0,036 0,094	M83	0,000 0,250 0,500	FL 19255	1	029 HS 19254 000 025 050
	54,971 54,990	65,500 65,519	22,000	5,273 5,285	2.	0,012 0,060	M780	0,000 0,250 0,500	HL 19256	1	
	54,971 54,990	65,500 65,519	21,700 22,000	5,23 5,24	3.	0,030 0,088	M83	0,000 0,250 0,500	HL 19257	1	
	39,984 40,000	50,500 50,516	15,000	5,222 5,233	4.	0,034 0,088	M83	0,000 0,250 0,500	HL 19258	1	
	54,983 54,996	57,800 57,813	17,600	1,387 1,397			M157	0,000 0,250 0,500	PL 18132	4	029 PS 18133 000 025 050

Ø 84											171
AYT, AZZ, BAA, BKK, BKL, BML, BMX, BRK VR 6 Benzin, 3198 cm³, 162 - 177 kW (220 - 241 PS), 24 Ventile GOLF IV 3.2 I 09/2002...06/2005 PHAETON 3.2 04/2002... TOUAREG I 3.2 10/2002...11/2006 T5 3.2 08/2003...11/2009	65,450 65,690	79,760 80,000		1,673 1,723			M157	0,000	AL 20847	2	029 AS 20848 000
		23,000 23,052	19,500 20,000				M100	Semi	BB 20849	6	029 BS 20850 300
	59,958 59,978	65,000 65,010	16,750 17,000	2,493 2,501		0,020 0,066	M810	0,000 0,250 0,500	HL 20843	7	029 HS 20844 000 025 050
BKJ V 6 Benzin, 3189 cm³, 162 kW (220 PS), 11,3:1, 4 Ventile TOUAREG I 3.2 10/2002...11/2006	53,958 53,978	56,800 56,819	16,750 17,000	1,396 1,404		0,014 0,069	M810	0,000 0,250 0,500	PL 20851	6	029 PS 20852 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Ø 84											172
BFH VR 6 Benzin, 3198 cm³, 177 kW (241 PS), 11,3:1, 24 Ventile GOLF IV 3.2 I 09/2002...06/2005	59,958 59,978	65,000 65,010	16,750 17,000	2,493 2,501		0,020 0,066	M810	0,000 0,250 0,500	HL 20843	7	029 HS 20844 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	
CBR, CFLA VR 6 Benzin, 3189 cm³, 173 kW (235 PS) T5 3.2 11/2003...11/2009											

Ø 84											173
BMV VR 6 Benzin, 3198 cm³, 162 kW (220 PS), 11,3:1, 24 Ventile TOUAREG I 3.2 10/2002...11/2006	65,450 65,690	79,760 80,000		1,673 1,723			M157	0,000	AL 20847	2	029 AS 20848 000
		23,000 23,052	19,500 20,000				M100	Semi	BB 20849	6	029 BS 20850 300
	59,958 59,978	65,000 65,010	16,750 17,000	2,493 2,501		0,020 0,066	M810	0,000 0,250 0,500	HL 20843	7	029 HS 20844 000 025 050
BRJ V 6 Benzin, 3189 cm³, 162 kW (220 PS), 10,8:1, 4 Ventile TOUAREG I 3.2 10/2002...11/2006	53,958 53,978	56,800 56,819	16,750 17,000	1,396 1,404		0,014 0,069	M810	0,000 0,250 0,500	PL 20851	6	029 PS 20852 000 025 050



Ø 84											174
BUB V 6 Benzin, 3189 cm ³ , 184 kW (250 PS), 11,3:1, Hub 96mm, 24 Ventile EOS 3.2 GOLF V 3.2 R32	65,450 65,690	79,760 80,000		1,673 1,723			M157	0,000	AL 20847	2	029 AS 20848 000
06/2006... 11/2005...	59,958 59,978	65,000 65,010	16,750 17,000	2,493 2,501		0,020 0,066	M810	0,000 0,250 0,500	HL 20843	7	029 HS 20844 000 025 050
	53,958 53,978	56,800 56,819	16,750 17,000	1,396 1,404		0,014 0,069	M810	0,000 0,250 0,500	PL 20851	6	029 PS 20852 000 025 050
	42,959 42,975	46,000 46,025	15,000	1,70 1,77		0,025 0,066	M11	0,000 Semi	029 LB 18191 000 300	1	

Ø 85,5											175
126 A, 311, AD, AM, AS B 4 Benzin, 1584 cm ³ , 31 - 37 kW (42 - 50 PS), 6,6:1 - 7,5:1 181 1.6 KAEFER 1302 1.6 KAEFER 1303 1.6 KAEFER 1500 1.6 KARMANN 1600 KARMANN GHIA 1600 T2 1.6	54,971 54,990	65,500 65,519	27,046 27,091	5,227 5,237	1.	0,036 0,094	M83	0,000 0,250 0,500	FL 19255	1	029 HS 19254 000 025 050
12/1972...02/1979 01/1970...12/1979 08/1972...12/1979	54,971 54,990	65,500 65,519	22,000	5,273 5,285	2.	0,012 0,060	M780	0,000 0,250 0,500	HL 19256	1	
07/1970...01/1973 07/1971...07/1974 01/1970...12/1973 08/1968...07/1979	54,971 54,990	65,500 65,519	21,700 22,000	5,23 5,24	3.	0,030 0,088	M83	0,000 0,250 0,500	HL 19257	1	
	39,984 40,000	50,500 50,516	15,000	5,222 5,233	4.	0,034 0,088	M83	0,000 0,250 0,500	HL 19258	1	
	54,983 54,996	57,800 57,813	17,600	1,387 1,397			M157	0,000 0,250 0,500	PL 18132	4	029 PS 18133 000 025 050

Ø 89											176
BLV VR 6 Benzin, 3597 cm ³ , 206 kW (280 PS), 12:1, Hub 96.4mm, 24 Ventile PASSAT 3.6 FSI	65,450 65,690	79,760 80,000		1,673 1,723			M157	0,000	AL 20847	2	029 AS 20848 000
09/2005...11/2010	59,958 59,978	65,000 65,010	16,750 17,000	2,493 2,501		0,020 0,066	M810	0,000 0,250 0,500	HL 20843	7	029 HS 20844 000 025 050

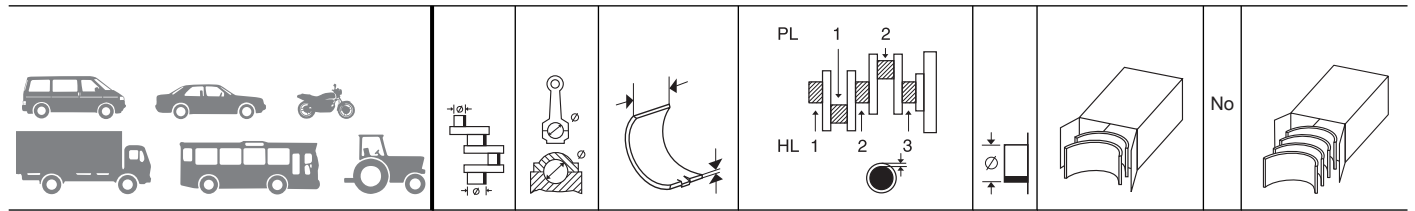
Ø 90											177
CA, W B 4 Benzin, 1679 cm ³ , 49 - 59 kW (66 - 80 PS), 7,3:1 - 8,2:1 411/412 1.7 T2 1.7	24,987 25,000	27,500 27,521	22,900 22,900	1,235 1,245		0,010 0,064	M11	0,000	NB 18181	2	029 NS 18184 000
09/1969...12/1973 08/1971...12/1973	24,987 25,000	27,500 27,521	28,000 28,000	1,235 1,245		0,010 0,064	M11	0,000	NB 18182	1	
	24,987 25,000	27,500 27,521	24,900 24,900	1,235 1,245		0,010 0,064	M11	0,000	NB 18183	3	

Ø 92											178
22R R 4 Benzin, 2366 cm ³ , 84 kW (114 PS), 9:1 TARO 2.4 I	52,973 53,000	56,007 56,021	25,130	1,743		0,021 0,076	M157	0,500	PL 19864	4	676 PS 19861 050
06/1989...03/1997											

Ø 93											179
127, AP, AT B 4 Benzin, 1795 cm ³ , 46 - 55 kW (62 - 75 PS), 7,3:1 411/412 1.8 T2 1.8	24,987 25,000	27,500 27,521	22,900 22,900	1,235 1,245		0,010 0,064	M11	0,000	NB 18181	2	029 NS 18184 000
07/1973...03/1975 11/1973...07/1975	24,987 25,000	27,500 27,521	28,000 28,000	1,235 1,245		0,010 0,064	M11	0,000	NB 18182	1	
	24,987 25,000	27,500 27,521	24,900 24,900	1,235 1,245		0,010 0,064	M11	0,000	NB 18183	3	

Ø 93											180.1
AGK, ATA R 4 Diesel, 2799 cm ³ , 96 kW (131 PS), 17,8:1, Turbo, 12 Ventile LT 2.8 TDI	77,500 77,750	91,750 92,000		0,497 2,545			M114	0,250	AL 19660	2	151 AS 19661 025
06/1997...07/2006	77,500 77,750	91,750 92,000		0,497 2,545			M157	0,250	AL 19664	2	
	34,994 35,000	38,500 38,516	27,500 28,000	1,97 2,02		0,016 0,070	M114	0,000	BB 19662	4	151 BS 19663 000

Fortsetzung nächste Seite / Continued on next page



Ø 93 - Fortsetzung / Continued

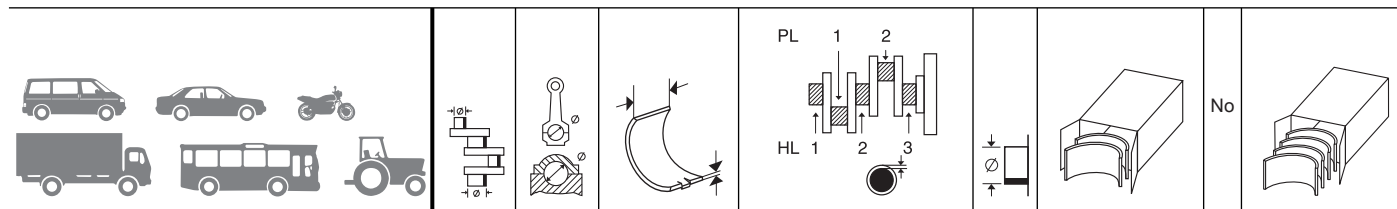
180.2

AUH R 4 Diesel, 2792 cm³, 116 kW (158 PS), Turbo, 12 Ventile LT 2.8 TDI 04/2002...07/2006	69,981	75,000	22,250	2,47	1.-5.	0,036 0,098	M900	0,000 0,250 0,500	HL 19658	5	151 HS 19659 000 025 050
	70,000	75,019	22,500	2,482							
BCQ R 4 Diesel, 2798 cm³, 116 kW (158 PS), 17,8:1, Turbo, 12 Ventile LT 2.8 TDI 05/2001...07/2006	54,981	59,000	27,750	1,975		0,030 0,088	M114	0,000 0,250	PL 19656	4	151 PS 19657 000 025
	55,000	59,019	28,000	1,985							

Ø 94

181

CV, GE B 4 Benzin, 1970 cm³, 51 kW (70 PS), 7,3:1, Hub 71mm, 8 Ventile T2 2.0 08/1975...07/1979 T3 2.0 05/1979...12/1982	24,987	27,500	22,900	1,235		0,010 0,064	M11	0,000	NB 18181	2	029 NS 18184 000
	25,000	27,521	22,900	1,245							
	24,987	27,500	28,000	1,235							
	25,000	27,521	28,000	1,245							
	24,987	27,500	24,900	1,235		0,010 0,064	M11	0,000	NB 18183	3	
	25,000	27,521	24,900	1,245							
	49,983	52,800	20,000	1,38							
	49,996	52,813	20,000	1,392							
						0,020 0,070	M780	0,000 0,250 0,500	PL 18141	4	029 PS 18142 000 025 050

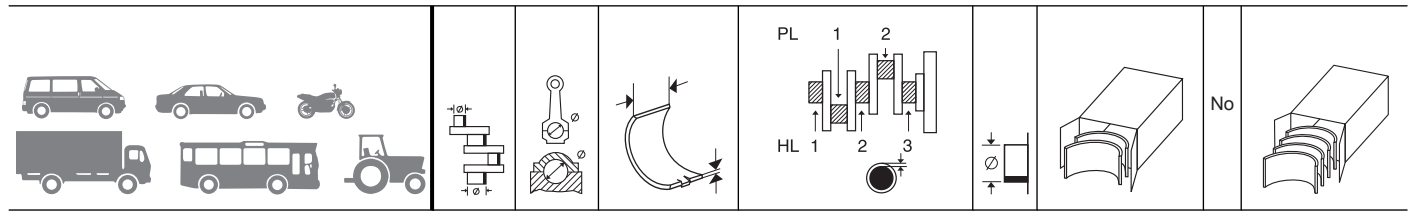


WESTFIELD

Ø 80,6

1

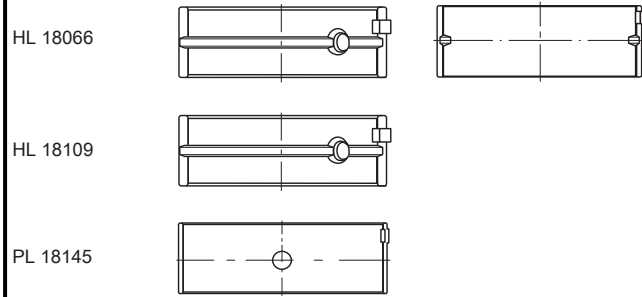
RQB R 4 Benzin, 1796 cm ³ , 96 kW (130 - 131 PS), 10:1, 16 Ventile 130 ROADSTER ZE 1.8 l		57,980	62,287	24,600	2,248	3.	0,025	M810	0,250	FL 20668	1	014 HS 20669 025
		58,000	62,300	24,680	2,256		0,074					
	01/1997...	57,980	62,287	18,960	2,248	1.2.4.5.	0,025	M810	0,250	HL 20667	4	
01/1993...12/1997	58,000	62,300	19,210	2,256		0,074						
		46,890	49,890	19,850	1,592		0,030	M810	0,250	PL 20661	4	014 PS 20662 025
		46,910	49,910	20,100	1,725		0,086					



ZASTAVA

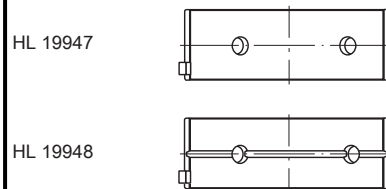
Ø 65 1

9A R 4 Benzin, 903 cm³, 33 kW (45 PS), 8 Ventile YUGO 0.9 04/1980...06/1992	59,500	72,920		1,93			M157	0,000	AL 18669	4	029 AS 18668 000 029 HS 18067 000 025 075 029 PS 18146 000 025 050 100
	59,750	73,200		1,97							
	53,958	59,000	18,500	2,491	1.2.3.5.	0,016	M100	0,000	HL 18066	4	
	53,978	59,019		2,503		0,079		0,250			
								0,750			
	53,958	59,000	18,500	2,491	4.	0,016	M183	0,000	HL 18109	1	
	53,978	59,019		2,503		0,079		0,250			
								0,750			
	47,758	50,600	19,000	1,393		0,010	M215	0,000	PL 18145	4	
	47,778	50,612				0,052		0,250			
								0,500			
								1,000			
	41,959	45,000	15,000	1,70		0,025	M11	Semi	029 LB 18192 300	1	
	41,975	45,025		3,27		0,066		0,000	000		



Ø 72 2

TU1JP R 4 Benzin, 1124 cm³, 44 kW (60 PS), 10,2:1, 8 Ventile KORAL 1.1 10/2002...11/2008	49,965	53,655	17,290	1,832	1.	0,020	M157	0,000	HL 19947	3	039 HS 19969 000
	49,981	53,674				0,070					
	49,965	53,655	17,290	1,832	2.-5.	0,020	M157	0,000	HL 19948	2	
	49,981	53,674				0,070					



Ø 80 3

128 AC 5000 R 4 Benzin, 1116 cm³, 47 kW (64 PS), 9,2:1, 8 Ventile 101 1.1 07/1979...09/1981	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
								0,508			
	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254			
								0,508			

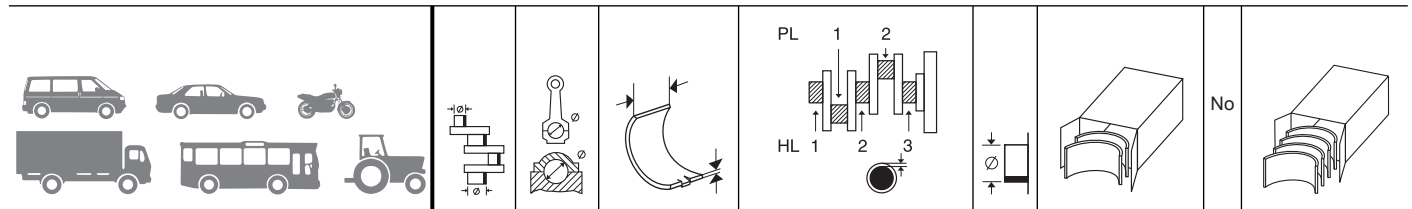
Ø 80,5 4

160 A1.000 R 4 Benzin, 1372 cm³, 52 kW (71 PS), 9,2:1, 8 Ventile YUGO 1.4 I 10/1988...	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254			
								0,508			
	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254			
								0,508			
	45,508	48,629	18,950	1,534		0,017	M157	0,000	PL 20347	4	007 PS 20348 200 220
	45,528	48,646	19,200	1,542		0,070		0,508			

Ø 84 5.1

132 B1.000 R 4 Benzin, 1756 cm³, 77 - 82 kW (105 - 112 PS), 8,9:1, 8 Ventile	59,000	73,600		2,31			M157	0,000	AL 18404	2	007 AS 18498 000
	59,250	73,850		2,36							

Fortsetzung nächste Seite / Continued on next page



Ø 84 - Fortsetzung / Continued

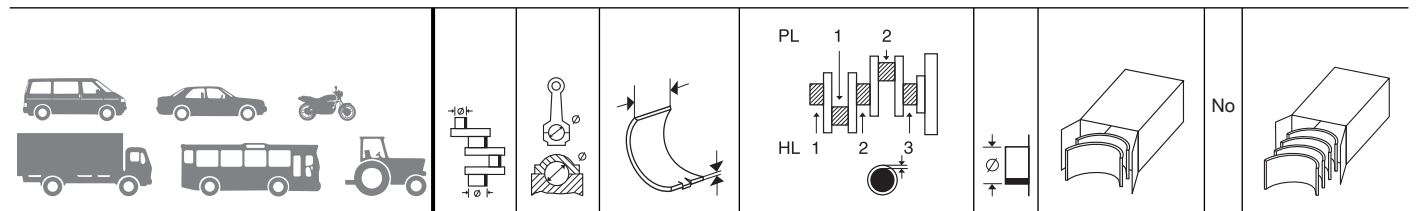
5.2

149 A.000 R 4 Benzin, 1585 cm ³ , 62 kW (84 PS), 9,3:1, 8 Ventile YUGO 1.6 l 08/1989...06/1995	52,985	56,717	24,200	1,833		0,030	M157	0,000	HL 18538	1	007 HS 18511 200 210 220
	53,005	56,730	24,250	1,841		0,079		0,254 0,508			
	52,985	56,717	20,500	1,833		0,030	M157	0,000	HL 18588	4	
	53,005	56,730	20,750	1,841		0,079		0,254 0,508			

Ø 86

6

128 AR 000 R 4 Benzin, 1290 cm ³ , 48 - 49 kW (65 - 67 PS), 9:1, 8 Ventile 101 1.3 10/1981...12/1993	50,780	54,507	20,250	1,85		0,017	M157	0,000	HL 20624	4	007 HS 20626 200 210 220
	50,800	54,520				0,064		0,254 0,508			
	50,780	54,507	22,750	1,85		0,017	M157	0,000	HL 20625	1	
	50,800	54,520				0,064		0,254 0,508			



ZAZ

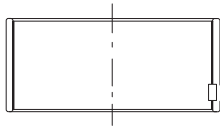
Ø 76,5

1

A15SM
 R 4 Benzin, 1498 cm³, 63 kW (86 PS), 9,5:1,
 Hub 81.5mm, 8 Ventile
 LANOS 1.5 10/2004...

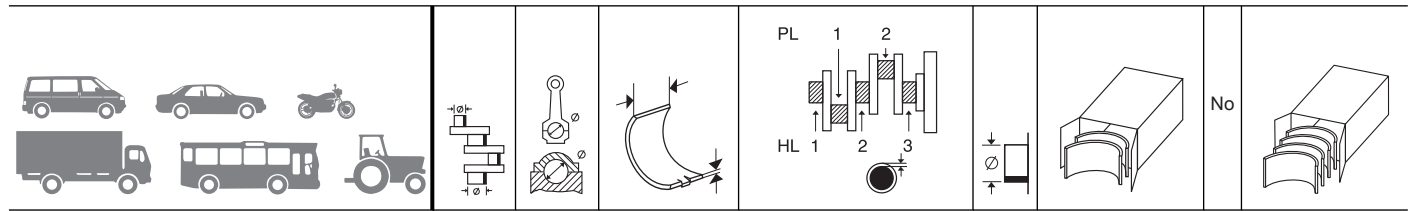
54,972 54,985	59,000 59,013	25,900	1,988 2,001		0,019 0,074	M114	0,000 0,250	FL 19222	1	011 HS 19223 000 025
54,972 54,985	59,000 59,013	19,500	1,988 2,001		0,013 0,065	M114	0,000 0,250	HL 19221	4	
42,971 42,987	46,000 46,012	16,600	1,484 1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19219	2	011 PS 19563 000 025 050
42,971 42,987	46,000 46,012	16,630	1,497		0,019 0,074	M114	0,000 0,250 0,500	PL 19738	2	

PL 19219



PL 19738





ZETOR

Ø 105 1

10501, Z 1001, Z 1003, Z 1201, Z 1203, Z 1301, Z 1303, Z 1405, Z 1504, Z 7501, Z 9501 R 4 Diesel, 4156 cm³, 52 - 122 kW (71 - 166 PS), 2 Ventile	87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20757	4	595 AS 20758 000 025 050 075 100
	39,500 39,700	44,050 44,100	39,250 39,750	2,20 2,30			M100	Semi	BB 20759	4	595 BS 20760 300
	79,981 80,000	84,000 84,022	34,000 36,000	1,955 1,965		0,070 0,131	M157	0,000 0,250 0,500 0,750 1,000	HL 20754	1	595 HS 20756 000 025 050 075 100
	79,981 80,000	84,000 84,022	30,000 32,000	1,955 1,965		0,070 0,131	M157	0,000 0,250 0,500 0,750 1,000	HL 20755	4	
	65,981 66,000	70,000 70,013	29,300 29,500	1,975 1,985		0,030 0,082	M157	0,000 0,250 0,500 0,750 1,000	595 PL 20752 000	4	595 PS 20753 000 025 050 075 100

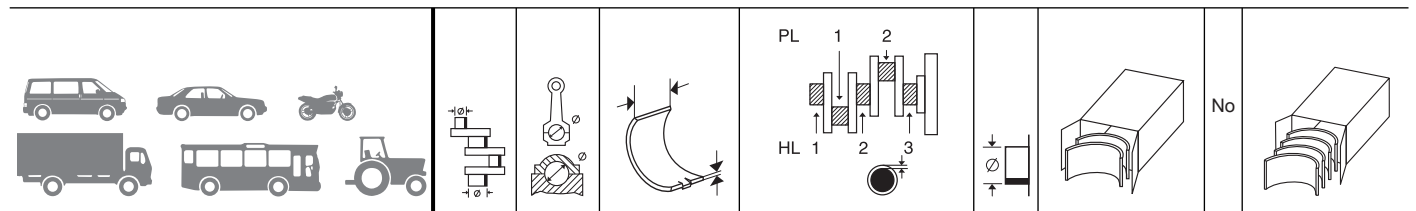
Ø 110 2

Z 8604.020 R 6 Diesel, 7298 cm³, 140 kW (190 PS), 15,6:1, Turbo, LLK, 12 Ventile	87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20130	2	454 AS 20131 000 025 050 075 100
	39,996 40,000	45,000 45,016	37,700 38,000				M100	Semi	BB 20168	6	454 BS 20170 300
	79,981 80,000	84,000 84,022	39,800 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20126	1	454 HS 20148 000 025 050 075 100
	79,981 80,000	84,000 84,022	39,980 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20127	2	
	79,981 80,000	84,000 84,022	36,800 37,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20128	4	
	87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20757	4	595 AS 20758 000 025 050 075 100
	69,981 70,000	74,000 74,013	28,000 30,000	1,963 1,973		0,054 0,106	M31	0,000 0,250 0,500 0,750 1,000	PL 20749	6	595 PS 20751 000 025 050 075 100

Ø 110 3.1

Z 8703 R 4 Diesel, 4562 cm³, 81 - 92 kW (110 - 125 PS), 17:1, 8 Ventile	87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20130	2	454 AS 20131 000 025 050 075 100
	39,996 40,000	45,000 45,016	37,700 38,000				M100	Semi	BB 20168	4	454 BS 20169 300

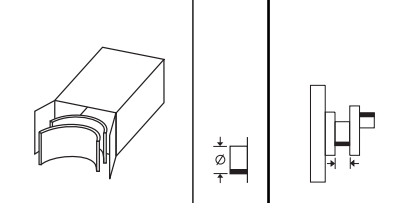
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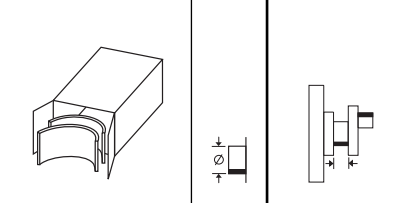


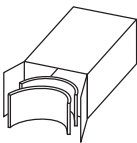
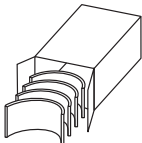
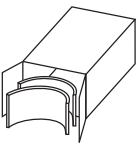
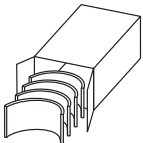
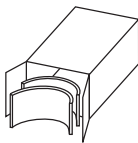
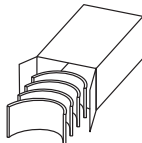
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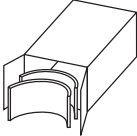
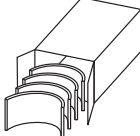
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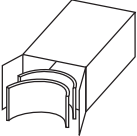
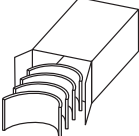
Z 8703 R 4 Diesel, 4562 cm ³ , 81 - 92 kW (110 - 125 PS), 17:1, 8 Ventile	79,981 80,000	84,000 84,022	39,800 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20126	1	454 HS 20129 000 025 050 075 100	
	79,981 80,000	84,000 84,022	39,980 40,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20127	2		
	79,981 80,000	84,000 84,022	36,800 37,000	1,955 1,965		0,070 0,131	M31	0,000 0,250 0,500 0,750 1,000	HL 20128	2		
	87,500 87,900	106,750 107,000		2,90 2,95			M30	0,000 0,250 0,500 0,750 1,000	AL 20757	4		595 AS 20758 000 025 050 075 100
	69,981 70,000	74,000 74,013	28,000 30,000	1,963 1,973		0,054 0,106	M31	0,000 0,250 0,500 0,750 1,000	PL 20749	4		

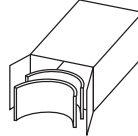
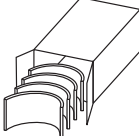
		
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FL 10328	0,000	37,810 - 37,740
	0,250	38,240 - 38,310
	0,500	38,240 - 38,310
FL 10079	0,000	24,910 - 24,860
	0,250	25,010 - 24,960
FL 10167	0,000	31,740 - 31,810
	0,750	31,960 - 31,890
FL 10168	0,000	31,740 - 31,810
	0,250	31,910 - 31,840
	0,500	31,960 - 31,890
	0,750	31,960 - 31,890
FL 10179	0,000	64,710 - 64,780
	0,250	65,210 - 65,280
	0,500	65,280 - 65,210
	1,000	65,710 - 65,780
FL 10209	0,000	33,880 - 33,820
	0,250	34,580 - 34,520
	0,500	34,580 - 34,520
	1,000	34,520 - 34,580
FL 10228	0,500	29,060 - 29,000
FL 10231	0,500	41,890 - 41,960
FL 10322	0,000	31,740 - 31,810
	0,250	31,840 - 31,910
	0,500	31,890 - 31,960
FL 18110	0,000	24,860 - 24,910
	0,250	24,960 - 25,010
	0,500	25,010 - 24,960
FL 18120	0,000	25,850 - 25,900
	0,250	26,100 - 26,050
	0,500	26,300 - 26,250
FL 18756	0,000	28,800 - 28,860
	0,250	29,060 - 29,000
FL 18818	0,000	24,860 - 24,910
	0,250	25,010 - 24,960
	0,500	25,010 - 24,960
	0,750	24,960 - 25,010
	1,000	25,010 - 24,960
FL 19222	0,000	26,002 - 25,950
	0,250	26,202 - 26,150
FL 19255	0,000	27,091 - 27,046
	0,250	27,046 - 27,091
	0,500	27,046 - 27,091
FL 19396	0,000	25,053 - 25,020
	0,250	25,253 - 25,220
	0,500	25,453 - 25,420
FL 19741	0,000	27,510 - 27,450
	0,250	27,660 - 27,720
	0,500	27,860 - 27,920
FL 19758	0,250	26,202 - 26,150
FL 19773	0,000	30,064 - 30,025
	0,250	30,264 - 30,225
	0,500	30,425 - 30,464
FL 20018	0,000	33,770 - 33,830
	0,250	34,270 - 34,330
FL 20358	0,000	30,950 - 30,870
	0,254	30,870 - 30,950
	0,508	31,000 - 31,080
	0,762	31,080 - 31,000
FL 20369	0,000	31,900 - 31,950
	0,254	31,950 - 31,900

		
	\pm $\frac{\Delta}{\varnothing}$ \pm	
	0,508	32,030 - 32,080
FL 20378	0,000	31,880 - 31,950
	0,254	31,980 - 32,050
	0,508	32,130 - 32,200
FL 20668	0,250	24,680 - 24,600
FL 20670	0,000	33,830 - 33,770
	0,250	34,330 - 34,270
	0,500	34,330 - 34,270

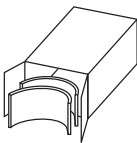
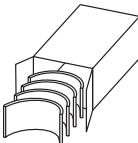
					
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HL 19630	001 HS 19631	AL 19959	039 AS 19963	AL 21576	209 AS 21577
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HL 20197	007 HS 20198 007 HS 20201	AL 19961	039 AS 19967	BB 10337	001 BS 10779
PL 20183	007 PS 20203 007 PS 20496	AL 19988	021 AS 20003	BB 18074	061 BS 18075 061 BS 18090
PL 20185	007 PS 20199 007 PS 20200	AL 19989	021 AS 20007	BB 18080	029 BS 18081 029 BS 18828 029 BS 19205
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AL 10249	037 AS 10668	AL 20137	553 AS 20138	BB 18760	039 BS 18761
AL 10285	037 AS 10651	AL 20145	456 AS 20146	BB 18778	001 BS 18781
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AL 18307	061 AS 18308	AL 20175	007 AS 20176	BB 18803	001 BS 18804
AL 18318	043 AS 18317	AL 20221	007 AS 20222	BB 18805	001 BS 19207 001 BS 19251
AL 18322	043 AS 18321	AL 20237	014 AS 20238	BB 18809	037 BS 18810
AL 18344	643 AS 18343	AL 20252	007 AS 20253	BB 18811	037 BS 18812
AL 18404	007 AS 18498	AL 20255	007 AS 20254	BB 18832	029 BS 10527
AL 18669	029 AS 18668	AL 20262	025 AS 20263	BB 19326	599 BS 19787
AL 18734	099 AS 18740	AL 20275	061 AS 20276	BB 19445	011 BS 19573
AL 18735	099 AS 18740	AL 20279	014 AS 20280	BB 19447	011 BS 19572
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AL 18737	099 AS 18740	AL 20313	014 AS 20314	BB 19662	151 BS 19663
AL 18738	099 AS 10708 099 AS 18741	AL 20322	007 AS 20323	BB 19748	011 BS 19907
AL 18739	099 AS 18741	AL 20324	021 AS 20325	BB 19974	021 BS 20000
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AL 18743	001 AS 18744	AL 20387	014 AS 20388	BB 20160	456 BS 20161
AL 18748	001 AS 18750	AL 20389	213 AS 20390	BB 20162	553 BS 20163
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AL 19660	151 AS 19661	AL 20555	063 AS 20556	BB 20294	021 BS 20295
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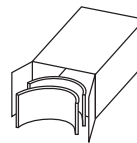
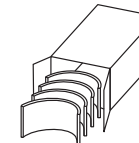
	
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BB 20886	001 BS 20887
BB 21046	439 BS 21047
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FL 10167	001 HS 10001
FL 10168	001 HS 10472
FL 10168	001 HS 10474
FL 10179	001 HS 10005
FL 10209	001 HS 10618
	001 HS 10619
FL 10228	001 HS 10550
FL 10231	001 HS 10549
FL 10322	001 HS 10767
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FL 18110	029 HS 18071
FL 18120	011 HS 18118
FL 18305	011 HS 18200
FL 18756	001 HS 10744
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FL 18818	029 HS 18816
	029 HS 18819
FL 19222	011 HS 19223
FL 19255	029 HS 19254
FL 19396	081 HS 19781
	081 HS 20032
FL 19396	081 HS 19397
	081 HS 19400
FL 19496	011 HS 19561
FL 19741	011 HS 19760
FL 19758	011 HS 19558
FL 19773	081 HS 19745
FL 19834	640 HS 19831
FL 19839	640 HS 19840
FL 19902	676 HS 19862
FL 19985	021 HS 20011
FL 20018	227 HS 20019
FL 20358	007 HS 20359
FL 20369	007 HS 20370
FL 20378	007 HS 20379
FL 20617	011 HS 20618
FL 20668	014 HS 20669
FL 20670	227 HS 20671
FL 20670	227 HS 20672
FL 20802	014 HS 20803
HL 10010	061 HS 10008
HL 10057	014 HS 10056
	014 HS 10062
HL 10076	039 HS 10075
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HL 10117	001 HS 10618
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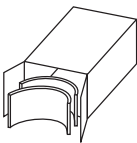
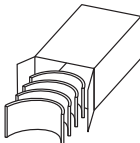
	
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HL 10306	001 HS 10704
	001 HS 10705
	001 HS 10706
HL 10327	061 HS 10686
HL 18013	039 HS 10075
HL 18018	007 HS 18019
HL 18050	037 HS 18051
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HL 18066	029 HS 18067
	029 HS 18071
	029 HS 19761
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HL 18109	029 HS 10038
	029 HS 10039
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	029 HS 18071
HL 18119	011 HS 18118
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HL 18206	213 HS 18657
	213 HS 19083
HL 18207	213 HS 18657
HL 18208	213 HS 18657
HL 18222	061 HS 18225
HL 18301	011 HS 18200
HL 18335	001 HS 10001
	001 HS 10472
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	001 HS 10768
HL 18335	001 HS 10474
HL 18391	043 HS 18401
	043 HS 20566
HL 18393	043 HS 18401
	043 HS 20566
HL 18403	043 HS 18401
	043 HS 20566
HL 18407	043 HS 18416
HL 18538	007 HS 18511
HL 18588	007 HS 18511
HL 18595	043 HS 18416
HL 18755	001 HS 10744
	001 HS 18754
HL 18817	029 HS 18814
	029 HS 18815
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HL 19050	213 HS 19083
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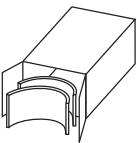
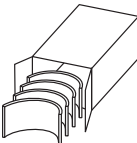
	
HL 19398	081 HS 19781
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HL 19865	676 HS 19862
HL 19874	627 HS 19872
HL 19875	627 HS 19872
HL 19899	629 HS 19895
HL 19910	029 HS 19911
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HL 20017	227 HS 20672
HL 20078	014 HS 20080
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HL 20110	454 HS 20113
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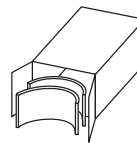
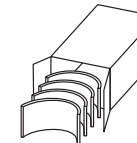
	
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HL 20229	209 HS 20230
HL 20233	014 HS 20234
HL 20239	021 HS 20155
HL 20256	025 HS 20257
HL 20260	025 HS 20261
HL 20271	061 HS 20272
HL 20281	039 HS 20282
HL 20296	021 HS 20297
HL 20298	007 HS 20299
HL 20304	025 HS 20306
HL 20305	025 HS 20306
HL 20307	014 HS 20309
HL 20308	014 HS 20309
HL 20310	014 HS 20289 014 HS 20312
HL 20311	014 HS 20289 014 HS 20312
HL 20328	007 HS 20299
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HL 20363	007 HS 20367
HL 20364	007 HS 20367
HL 20365	007 HS 20367
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HL 20368	007 HS 20370
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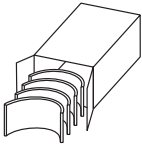

	
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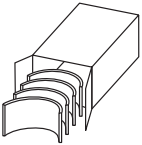
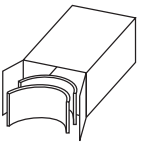
	
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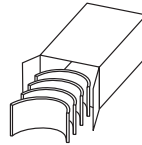
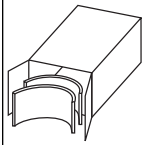
	
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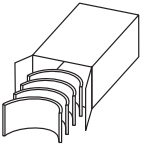
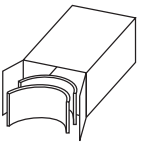
	
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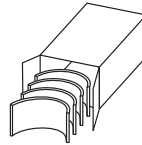
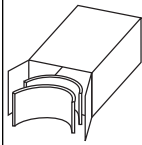
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001 AS 19793	2	AL 19792
001 AS 20885	4	AL 20884
001 BS 10713	4	BB 10320
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001 BS 10779	6	BB 10337
001 BS 18150	6	BB 18149
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001 BS 18759	6	BB 18758
001 BS 18781	4	BB 18778
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001 BS 18800	5	BB 18799
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	5	HL 10178
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	5	001 HL 10267
001 HS 10472	1	FL 10168
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001 HS 10550	1	FL 10228
	5	HL 10212
	1	HL 10213
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	4	HL 10117
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001 HS 10705	6	HL 10306
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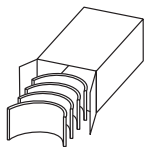
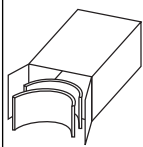
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001 PS 10548	6	PL 10230
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001 PS 10702	5	PL 10305
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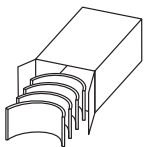
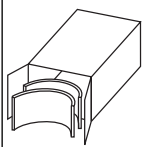
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007 AS 20323	4	AL 20322
007 AS 20341	4	AL 20340
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007 AS 20490	2	AL 20489
007 BS 20178	6	BB 20177
007 BS 20394	4	BB 20393
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	4	HL 18588
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	4	HL 20218
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007 PS 20194	6	PL 20193
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007 PS 20215	6	PL 20214
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007 PS 20348	4	PL 20347
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011 BS 19907	4	BB 19748
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011 PS 18202	4	PL 18201
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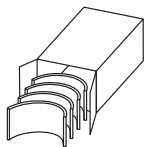
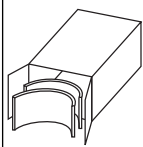
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	5	HL 20801
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	5	NB 20665
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014 PS 20356	4	PL 20355
014 PS 20454	6	PL 20453
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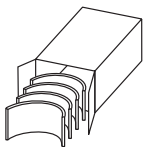
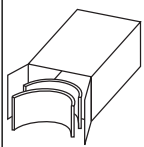
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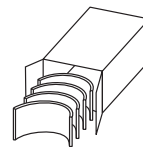
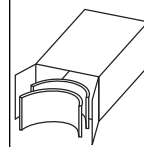
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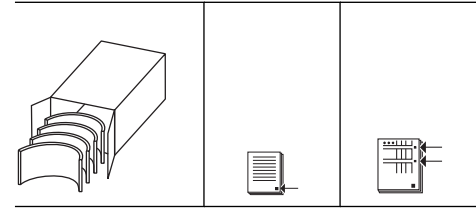
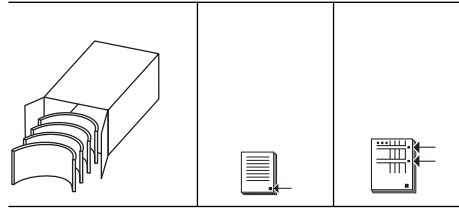
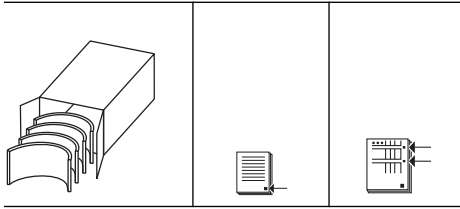
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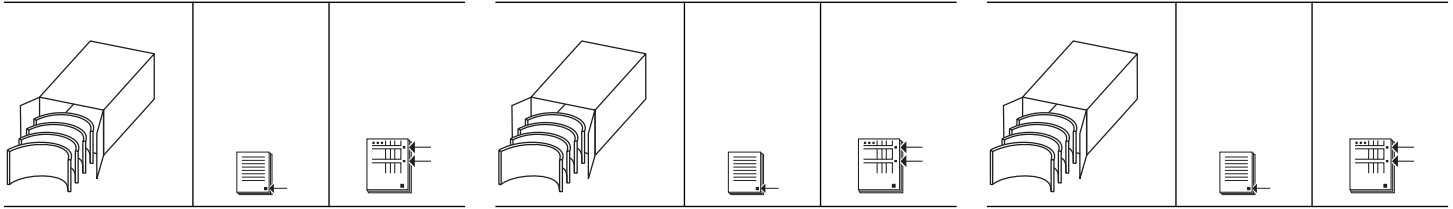
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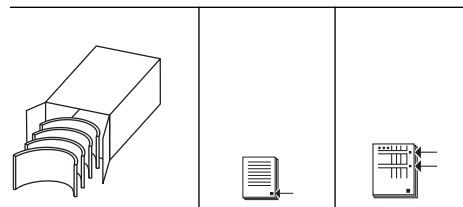
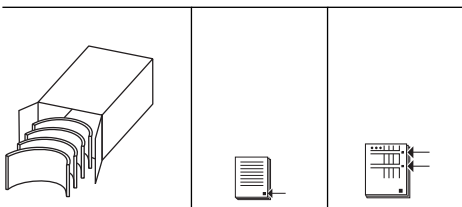
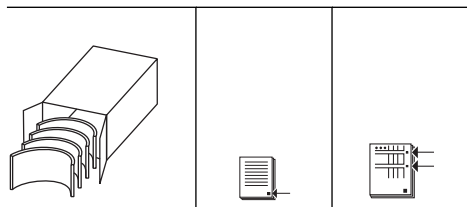
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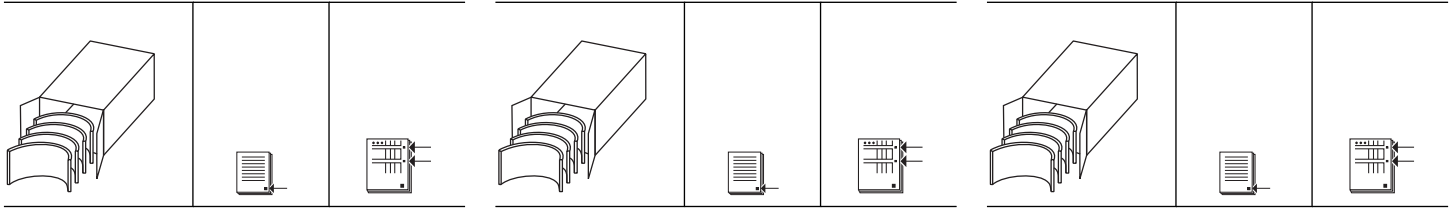
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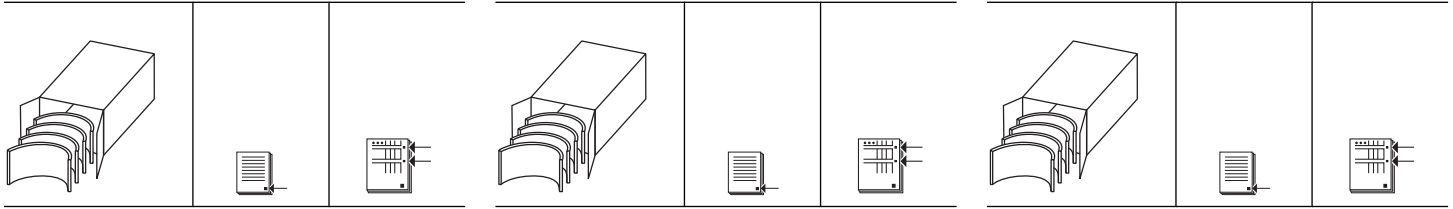
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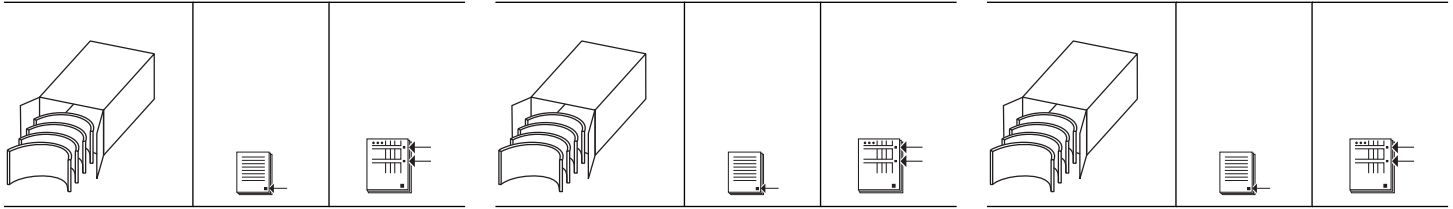
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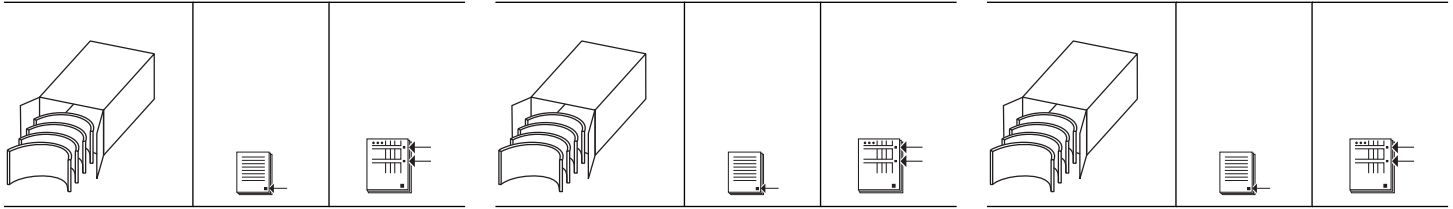
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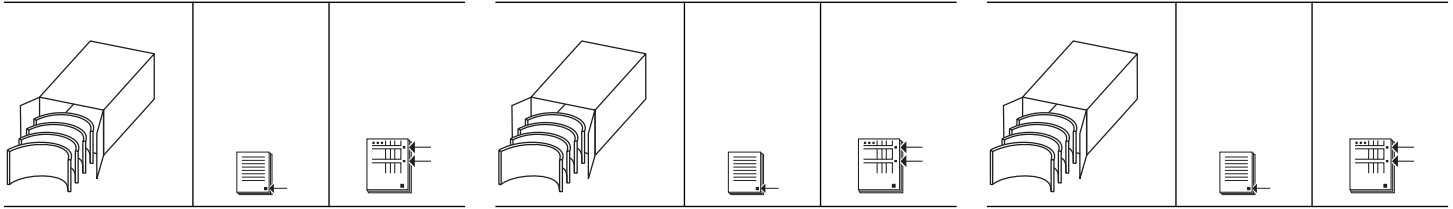
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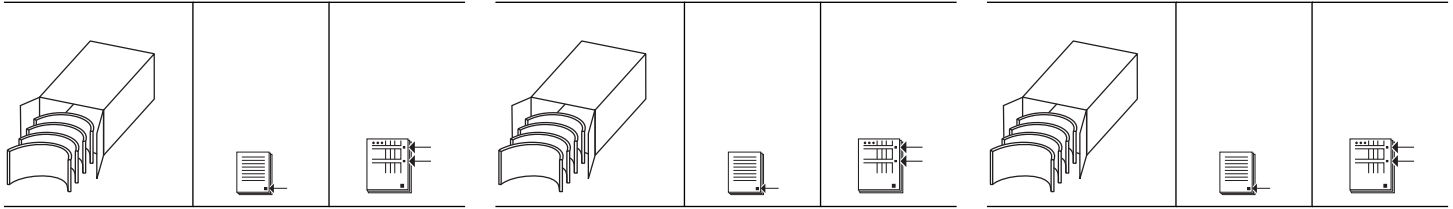
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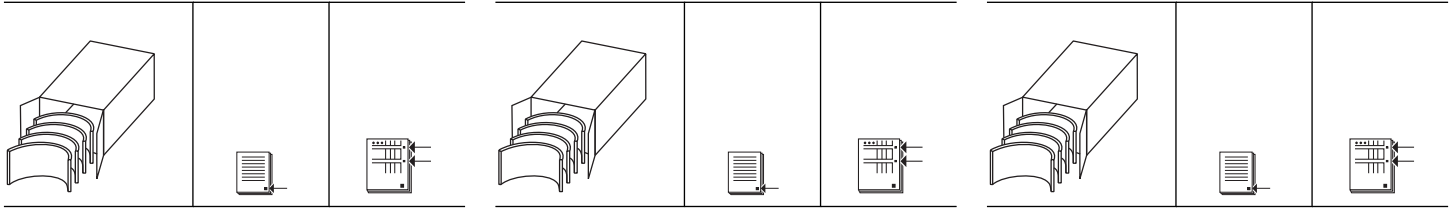
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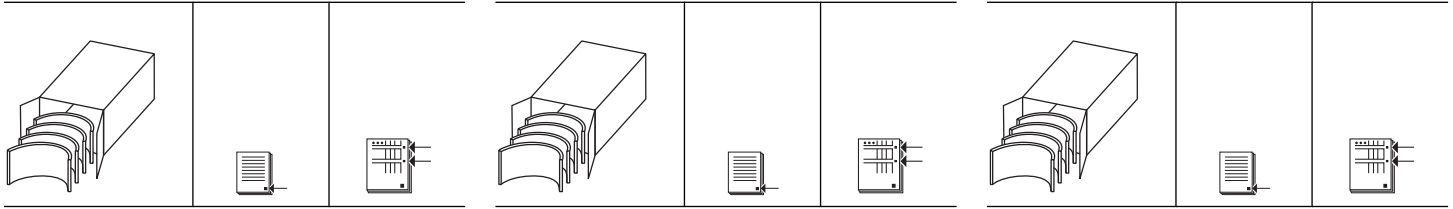
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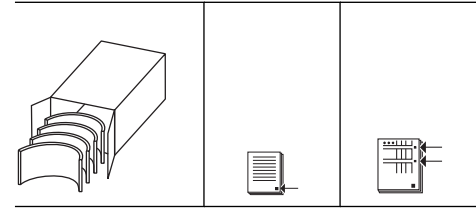
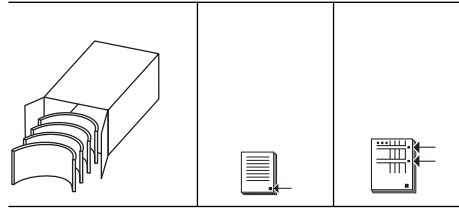
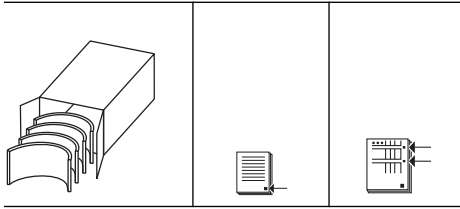
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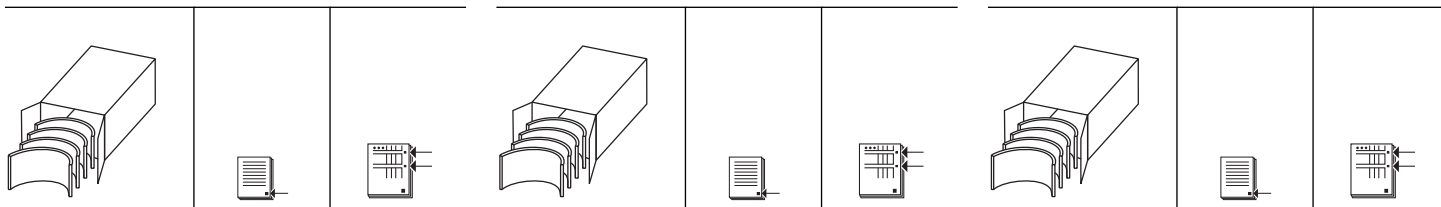
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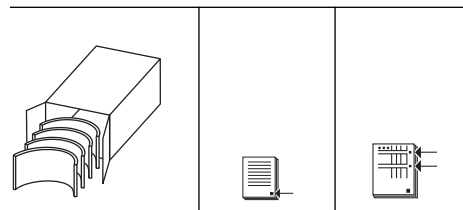
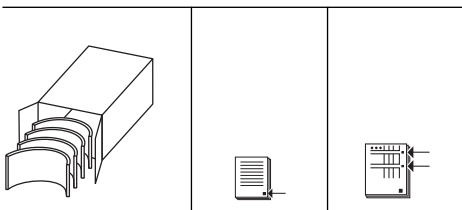
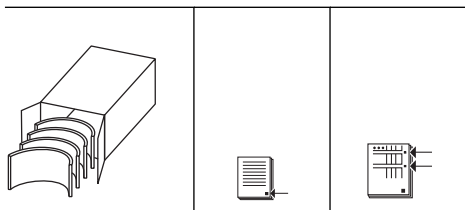
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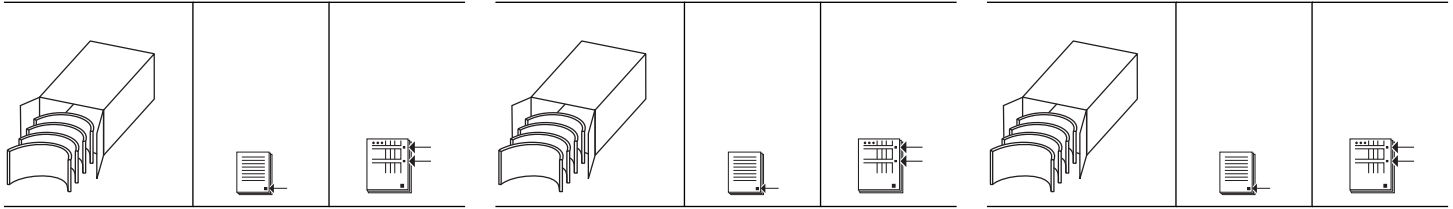
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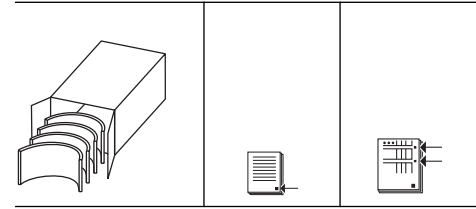
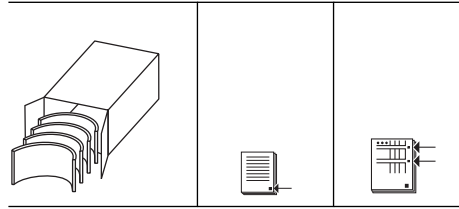
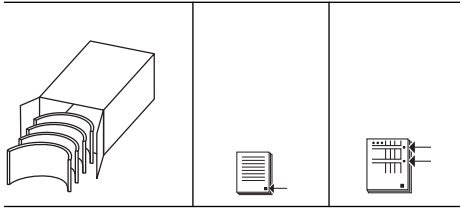
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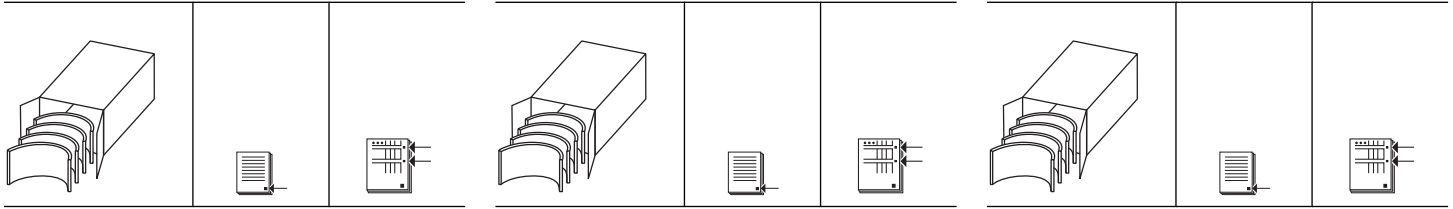
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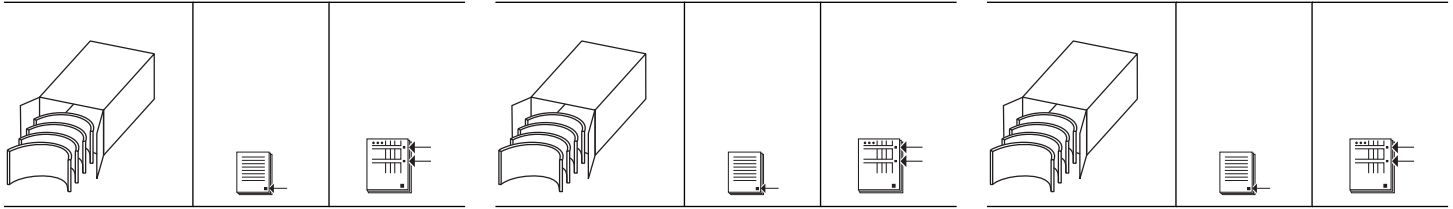
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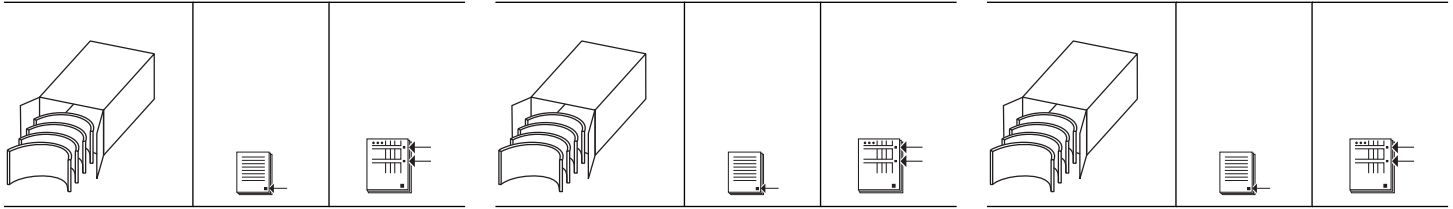
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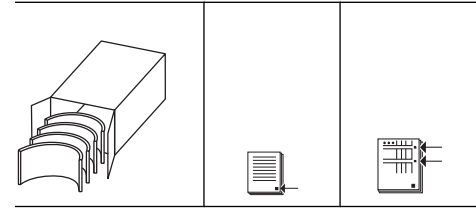
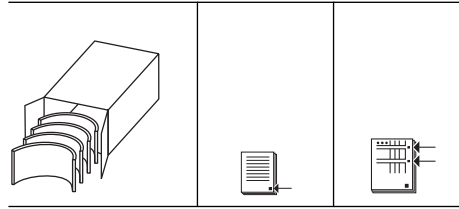
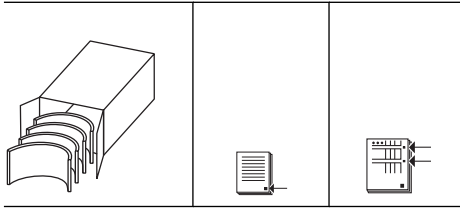
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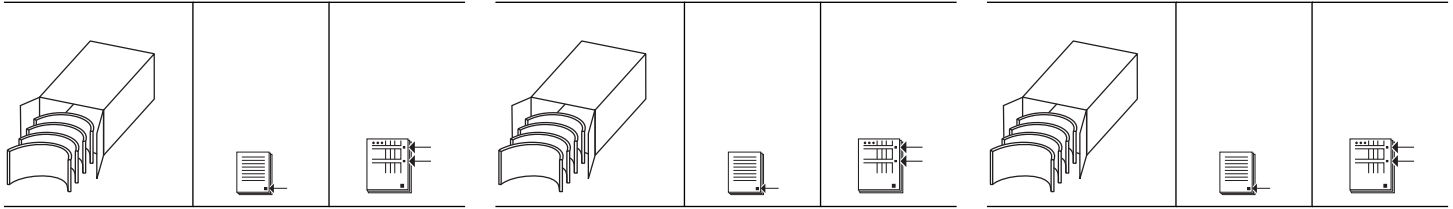
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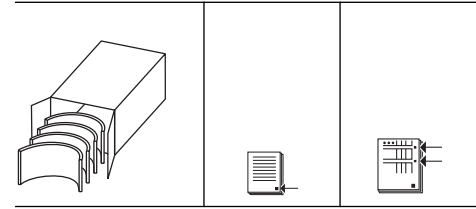
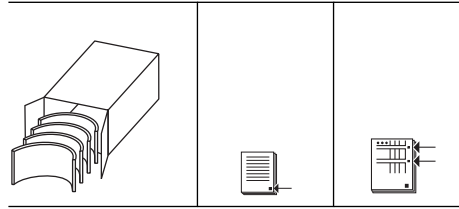
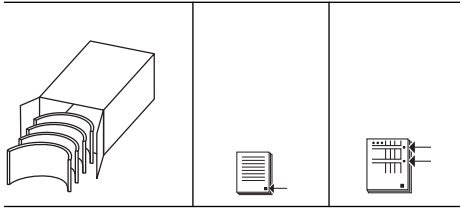
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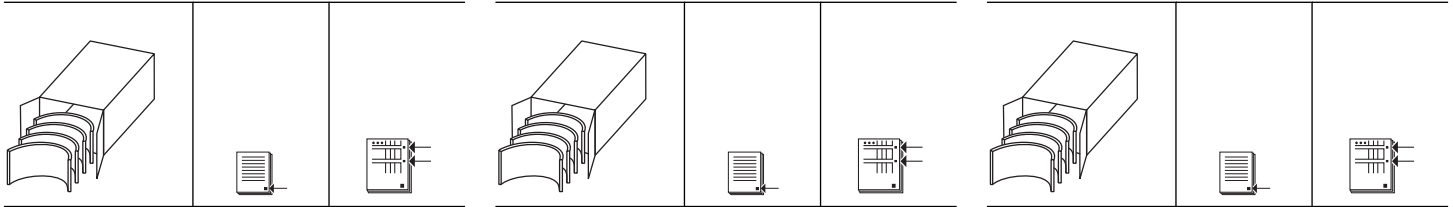
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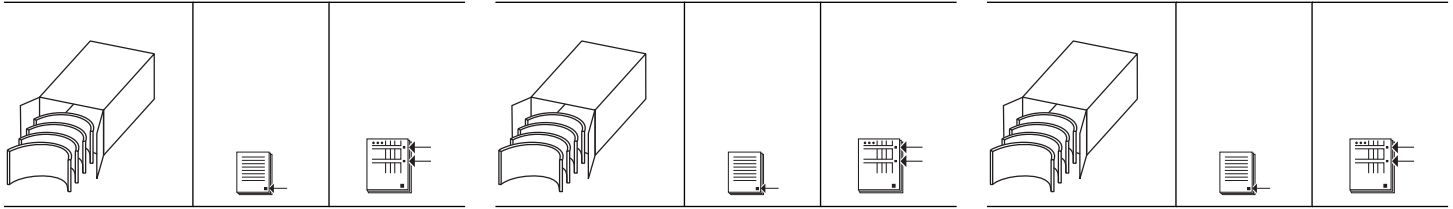
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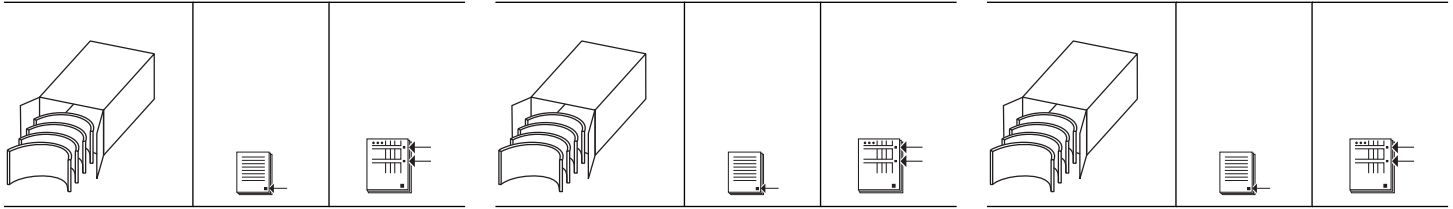
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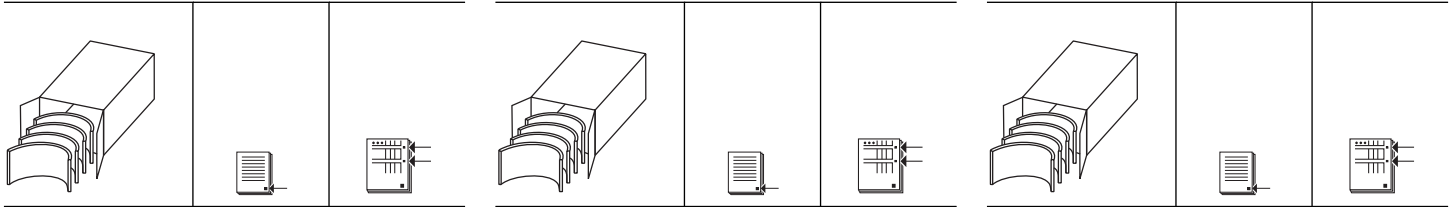
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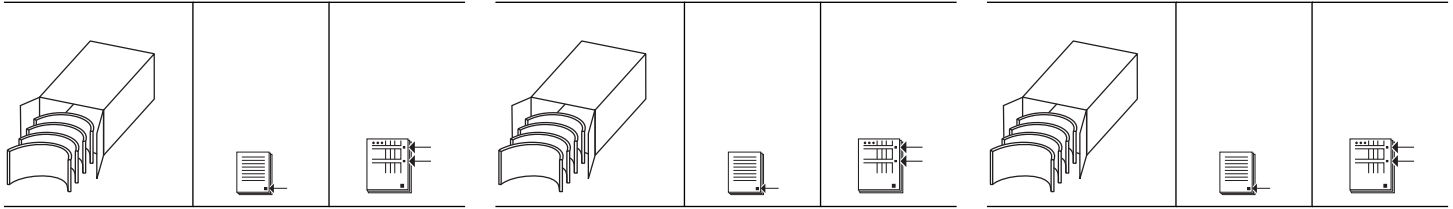
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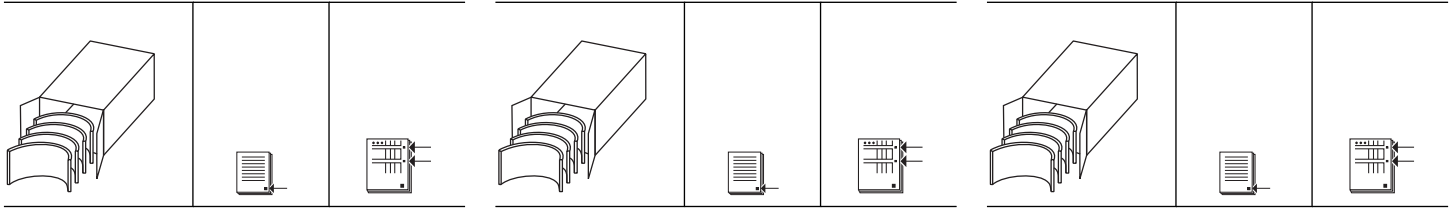
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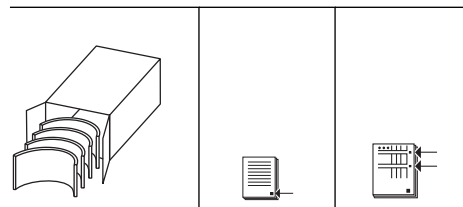
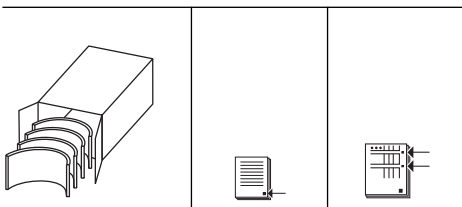
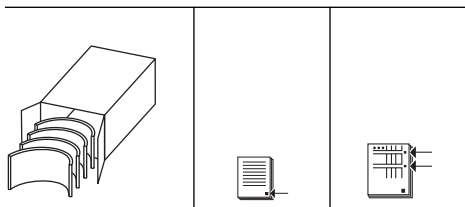
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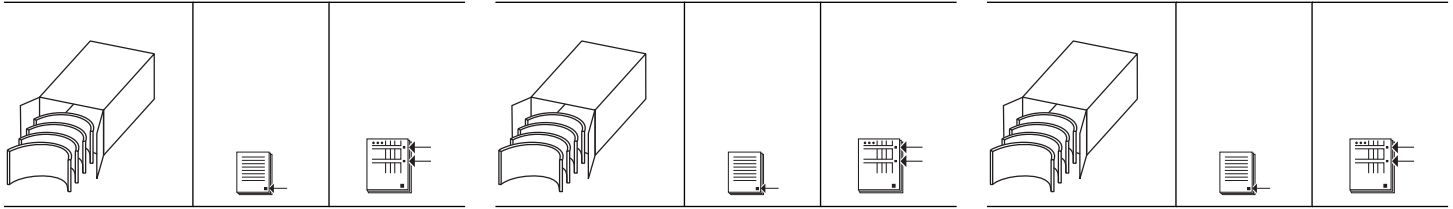
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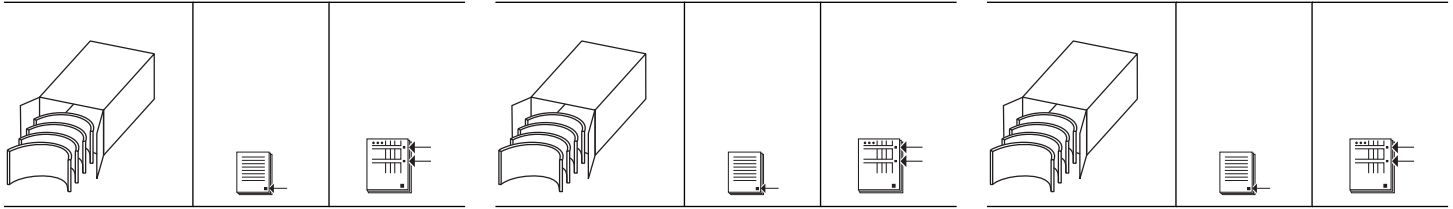
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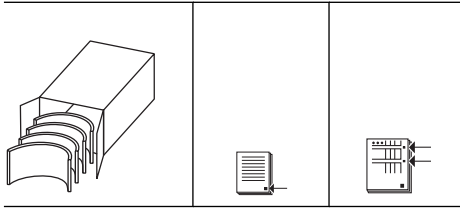
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643 HS 19827	600	2
643 PS 18641	600	7
643 PS 18720	600	8
676 HS 19862	374	2
676 HS 19862	355	8
676 HS 19862	447	11
676 HS 19862	447	13
676 PS 19861	374	2
676 PS 19861	355	8
676 PS 19861	402	9
676 PS 19861	447	11
676 PS 19861	447	13
676 PS 19861	448	14
676 PS 19861	721	178
676 PS 19866	446	1
676 PS 19866	355	1
676 PS 19866	374	1
676 PS 19866	446	2
676 PS 19866	355	2
676 PS 19866	446	3
676 PS 19866	355	3
676 PS 19866	446	4
676 PS 19866	355	4
676 PS 19866	446	5
676 PS 19866	446	6
676 PS 19866	355	6
676 PS 19866	355	7
676 PS 19866	447	10
676 PS 19866	447	12