

NM-Motorservice
Engine Components

DIESEL

KOLBEN

FÜR ASIA MOTOREN

Piston & Rings
for Asian motors

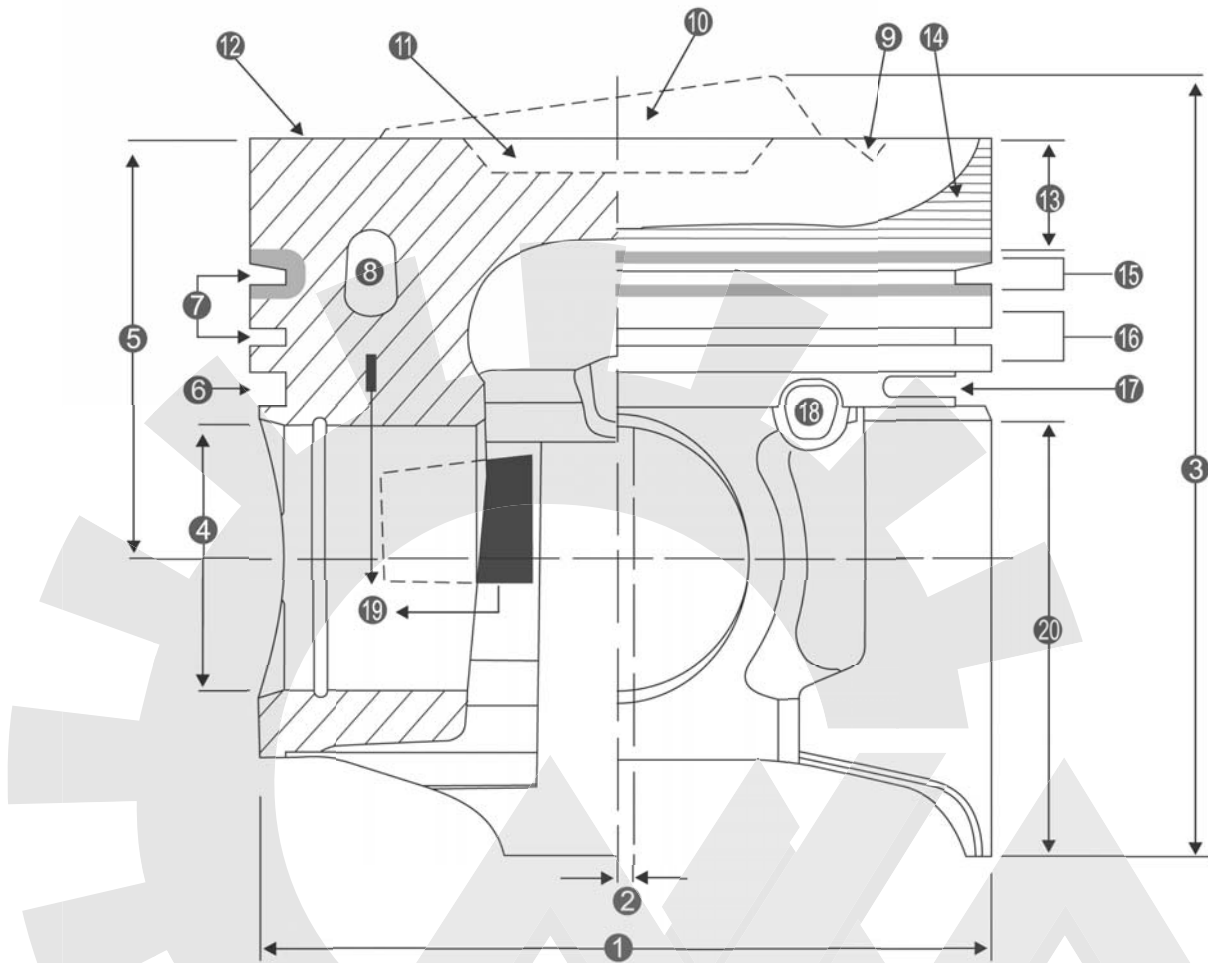
• Pistón & Anillos
para los motores de Asia

• Поршень и Кольца
для Азиатских Двигателей

Edition
2013/ 2014

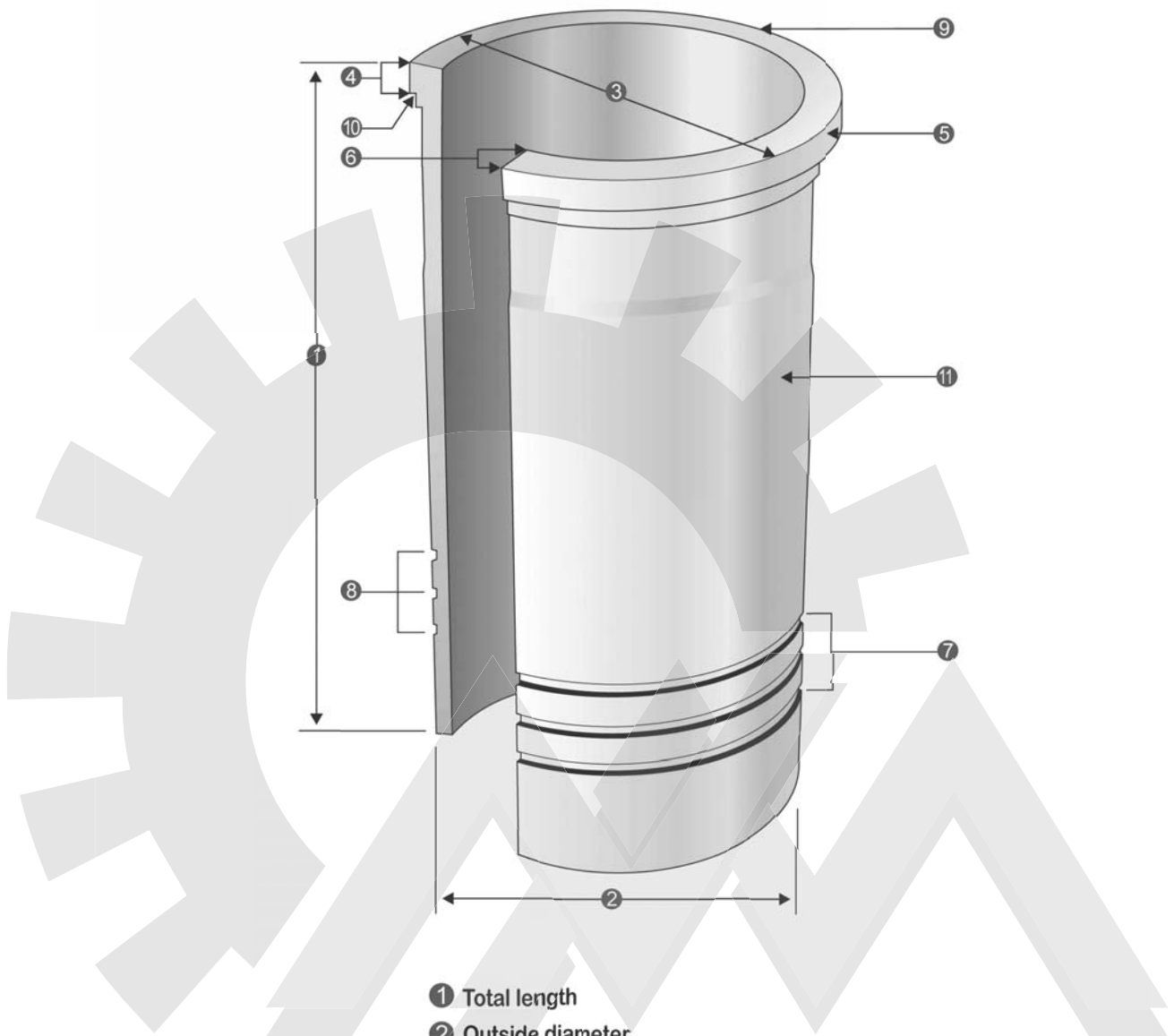


PISTON TERMINOLOGY



- | | |
|-------------------------------------------|---------------------------|
| ① Piston skirt diameter | ⑪ Combustion-chamber bowl |
| ② Piston offset | ⑫ Piston crown |
| ③ Total piston length | ⑬ Top land |
| ④ Piston pin hole diameter | ⑭ Anti-scuff bands |
| ⑤ Compression height | ⑮ Alfin (Ring carrier) |
| ⑥ Oil ring groove | ⑯ Ring land |
| ⑦ Top and second compression ring grooves | ⑰ Oil slit groove |
| ⑧ Oil gallery (Oil cooling channel) | ⑱ Oil return hole |
| ⑨ Valve recess depth | ⑲ Hidden steel struts |
| ⑩ Crown chamber | ⑳ Skirt area |

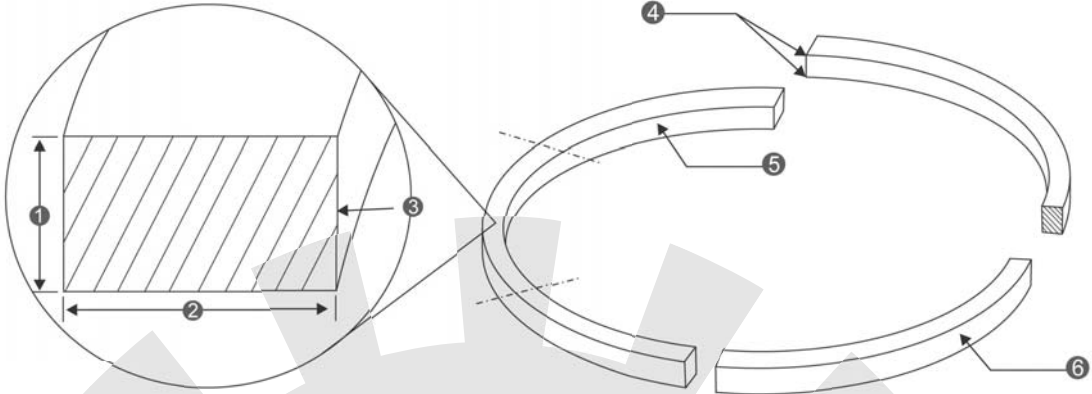
LINER / SLEEVE TERMINOLOGY



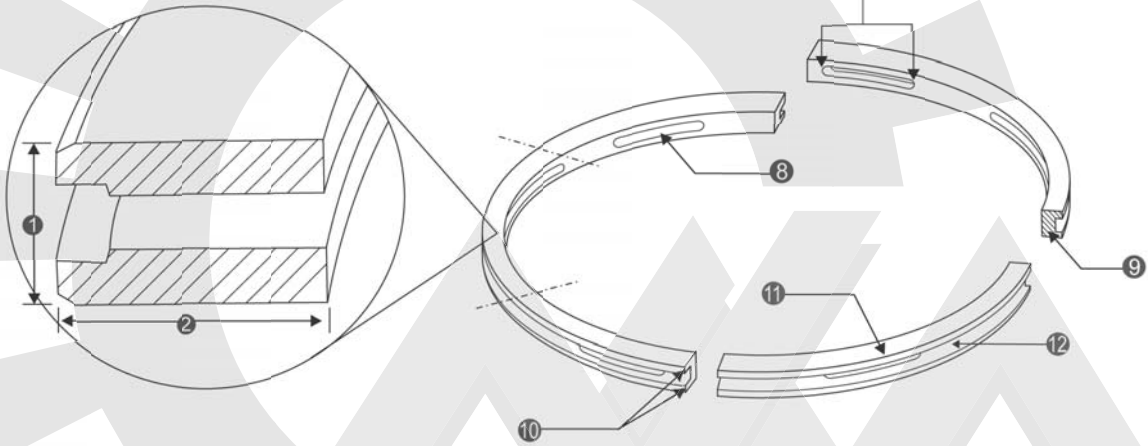
- ① Total length
- ② Outside diameter
- ③ Flange diameter (Register diameter)
- ④ Flange depth (Collar height)
- ⑤ Flange
- ⑥ Top land width
- ⑦ Sealing area
- ⑧ O-Ring groove
- ⑨ Firewall
- ⑩ Machining relief
- ⑪ Barrel

PISTON RINGS TERMINOLOGY

COMPRESSION RING



OIL CONTROL RING



- ① Piston ring width
- ② Piston ring thickness
- ③ Inside edge of gap
- ④ Inside edges
- ⑤ Inside surface
- ⑥ Peripheral surface
- ⑦ Inside edges of slot
- ⑧ Slot face
- ⑨ Gap face
- ⑩ Outside gap corners
- ⑪ Side face
- ⑫ Outside groove face

LBS = LINER KIT
 Liner Kit/
 camisas de los cilindros/
 Лайнер комплект
LBS = LB + KBS

LB = CYL. LINER
 Zylinderlaufbuchse/
 camisas de los cilindros/
 втулка цилиндра

KBS = PISTON + RINGS
 Kolben + Ringe/
 Pistón + Anillos/
 поршень и кольца

KB = PISTON SET
 Kolben Set/
 Pistón Set/
 поршневой

KR = RINGS SET
 Ring Set/
 Anillos Set/
 кольца

PB = PIN
 Pin/
 Perno/
 Пин

Description of Engine and Liner/ Sleeve:

C = Chromed liner
F = Fully-finished liner
P = Semi-finished sleeve, w/ out flange
S = Semi-finished sleeve

Description of Piston:

A = Alfin
B = Alfin and with oil gallery
G = Oil gallery

Größen/ Sizes/ Tamaños/ Размеры:

Standard/ Standard/ Estándar/ Стандарт:	0,00 mm
Übergröße/ Oversize/ Grande/ Негабаритный:	
S1	0,25 mm
S2	0,50 mm
S3	0,75 mm
S4	1,00 mm



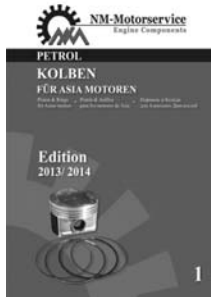
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YOURS  **NM-Motorservice**
 Engine Components **TEAM**

PRODUCT CATALOGUES:

Edition
2013/2014



NR. 1

PETROL KOLBEN FÜR ASIA MOTOREN

Piston & Rings for Asian motors • Pistón & Anillos para los motores de Asia • Поршень & Кольца для Азиатских Двигателей



NR. 2

DIESEL KOLBEN FÜR ASIA MOTOREN

Piston & Rings for Asian motors • Pistón & Anillos para los motores de Asia • Поршень & Кольца для Азиатских Двигателей



NR. 3

LAGER

Engine bearings • Cojinetes • Вкладыши



NR. 4

ZYLINDERKÖPFE

Cylinder Heads • Las cabezas de cilindro • Головки Цилиндров



NR. 5

ÖLPUMPEN

Oil pumps • Bombas de aceite • Нефтяные Насосы



NR. 6

STEUERKETTENSATZ

Timing Chains Kits • Juego de Cadena de distribución • Комплект цепи Привода



NR. 7

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Crankshafts • Cigüeñales • Коленчатых Валов



NR. 8

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Camshafts • Árboles de levas • Распределительные Валы



NR. 9

VENTILE

Engine valve • Válvula • Двигатель Клапана



NR. 10

VENTILFÜHRUNGEN

Valve guide • Guía de la Válvula • Клапан Руководство



NR. 11

VENTILSITZE

Valve Seat • Válvula de asiento • Седло Клапана



NR. 12

KOLBEN FÜR LKW & INDUSTRIEMOTOREN

Piston & Rings for truck and industry engines • Pistón & Anillos para camiones y motores de la industria • поршень и кольца для грузовых автомобилей и двигателей промышленности





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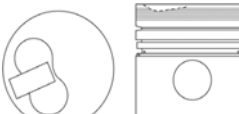

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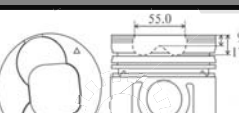

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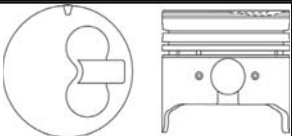

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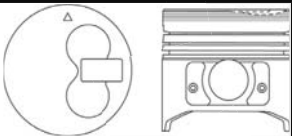

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
SS K2700 ASIA TOPIC 2,700 cc 4 cyl 92.0 mm Bore Ø		Liner/ Sleeve		Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	192.0 96.9 100.95 3.84 +0.7		Length: Comp. height:		103.4 60.4 -2.4 -5.4	Top: 2nd: oil:	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		K800-10-311A				K4Z0-11-SAO K480-11-102		K4Z0-11-SCO K480-23-206	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 39350 FA LBS 39350 SA	LB 39350 F LB 39350 S		KBS 39350		KB 39350	KR 39350	PB 39350	

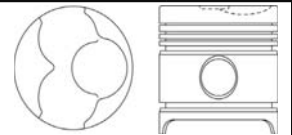

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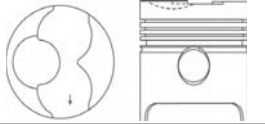

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
DB33 3,268 cc 4 cyl 102.0 mm Bore Ø		Liner/ Sleeve		Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	187.0 106.0 112.0 4.0		Length: Comp. height:		98.1 58.9 -9.1 -17.7	Top: 2nd: oil:	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
						O-Ring:			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 39400 F LBS 39400 S LBS 39400 FA LBS 39400 SA	LB 39400 F LB 39400 S		KBS 39400 KBS 39400 A		KB 39400 KB 39400 A	KR 39400	PB 39400	







ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
CL CHARADE G101 (1990.11-1993.01) 993 cc 3 cyl 76.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 21.0 Length: 63.5
		Length: 140.0 Outside Ø: 80.0 Flange Ø: 83.0 Flange depth: 4.8		140.0 80.0	Length: 70.5 Comp. height: 38.5 -1.1	Top: 2.2 2nd: 1.5 oil: 3.0				
		Reference no.:					Reference no.:	Reference no.:		Reference no.:
		11461-87703					13101-87725 13101-87727 13102-87712	13011-87717 13011-87723A		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 10150 PA LBS 10150 SA	LB 10150 P LB 10150 S			KBS 10150 A		KB 10150 A	KR 10150		

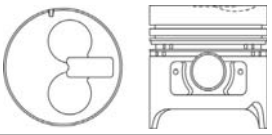

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
CLT CHARADE G101 (1990.11-1993.01) 993 cc 3 cyl 76.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 23.0 Length: 64.5
		Length: 140.0 Outside Ø: 80.0 Flange Ø: 83.0 Flange depth: 4.8		140.0 80.0	Length: 70.5 Comp. height: 40.5 -1.5	Top: 2.0 2nd: 1.5 oil: 3.0				
		Reference no.:					Reference no.:	Reference no.:		Reference no.:
		11461-87703					13101-87720 13102-87711	13011-87717 13011-87723A		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 10200 PA LBS 10200 SA	LB 10200 P LB 10200 S			KBS 10200 A		KB 10200 A	KR 10200		

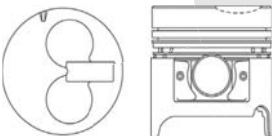

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
DG 5 Rings 2,530 cc 4 cyl 88.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 26.0 Length: 70.0
		Length: 182.0 Outside Ø: 93.0 Flange Ø: 97.0 Flange depth: 7.0 + 1.0			Length: 90.8 Comp. height: 50.5 -2.0 -6.0	Top: 2.0 2nd: 2.0 3rd: 2.0 1st oil: 4.0 2nd oil: 4.0				
		Reference no.:					Reference no.:	Reference no.:		Reference no.:
		992-5113-1101 992-5113-1171					13101-87303 992-5113-1401	992-5113-1410		90043-84001 90043-84044 90043-84018 90043-84050 90043-84057 90043-84105
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 10250 F LBS 10250 S	LB 10250 F LB 10250 S			KBS 10250		KB 10250	KR 10250		PB 10250

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
DG 4 Rings			Flanged	No flange	Piston			Rings		Ø : Length:	26.0 70.0
		Length: Outside Ø: Flange Ø: Flange depth:	182.0 93.0 97.0 3.0 +1.0		Length: Comp. height:	95.0 50.5 -1.6 -5.5		Top: 2nd: 3rd: oil:	2.0 2.0 2.0 4.0		
2,530 cc 4 cyl 88.0 mm Bore Ø		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
		11461-87302					13101-87305 13211-87305	13011-87304	90043-84001 90043-84044 90043-84018 90043-84050 90043-84057 90043-84105		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 59000 F LBS 59000 S	LB 59000 F LB 59000 S			KBS 59000		KB 59000	KR 59000	PB 59000		

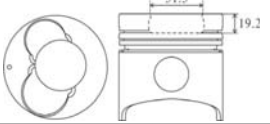

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
DG 3 Rings			Flanged	No flange	Piston			Rings		Ø : Length:	26.0 70.0
		Length: Outside Ø: Flange Ø: Flange depth:	182.0 93.0 97.0 3.0 +1.0		Length: Comp. height:	95.0 50.5 -1.3 -5.3		Top: 2nd: oil:	2.5 2.0 4.0		
2,530 cc 4 cyl 88.0 mm Bore Ø		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
		11461-87302					13101-87306 13101-87309	13011-87305 13011-87306 13011-87307 13011-87308	90043-84001 90043-84044 90043-84018 90043-84050 90043-84057 90043-84105		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 10300 F LBS 10300 S	LB 10300 F LB 10300 S			KBS 10300		KB 10300	KR 10300	PB 10300		

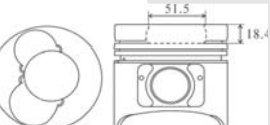

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
DL			Flanged	No flange	Piston			Rings		Ø : Length:	26.0 70.0
		Length: Outside Ø: Flange Ø: Flange depth:	178.0 96.0 101.0 3.0 +1.0		Length: Comp. height:	95.0 50.5 -5.0		Top: 2nd: oil:	2.5 2.0 4.0		
2,765 cc 4 cyl 92.0 mm Bore Ø		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
		11461-87303 11461-87305					13101-87312 13101-87314 13101-87315 13101-87316	13011-87310/1 13011-87312/3 13011-87318 13011-87320/1 13015-87319 13015-87320/A	90043-84001 90043-84044 90043-84018 90043-84050 90043-84057 90043-84105		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 10350 F LBS 10350 S	LB 10350 F LB 10350 S			KBS 10350		KB 10350	KR 10350	PB 10350		

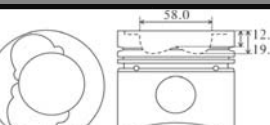

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
DL 2,765 cc 4 cyl 92.0 mm Bore Ø			Flanged	No flange	Piston			Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	178.0 96.0 101.0 3.0 +1.0		Length: Comp. height:	95.0 50.5 -1.2 -5.0		Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:	26.0 70.0
		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
		11461-87303 11461-87305					13101-87319 13101-87320 13211-87319 13211-87320	13011-87310/1 13011-87312/3 13011-87318 13011-87320/1 13015-87319 13015-87320/A	90043-84052		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 10400 F LBS 10400 S	LB 10400 F LB 10400 S			KBS 10400		KB 10400	KR 10400	PB 10400		

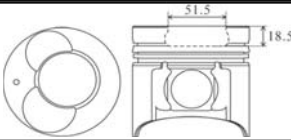

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
DL ROCKY F73 F78 (1993.05-2001.06) 2,765 cc 4 cyl 92.0 mm Bore Ø			Flanged	No flange	Piston			Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	178.0 96.0 101.0 3.0 +1.0		Length: Comp. height:	95.0 50.5 -1.2 -5.2		Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:	28.0 75.0
		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
		11461-87303 11461-87305					13101-87322 13101-87325 13101-87326 13101-87329 13105-87316 13105-87317 13105-87318	13011-87310/1 13011-87312/3 13011-87318 13011-87320/1 13015-87319 13015-87320/A	90043-84086 90043-84087		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 10450 F LBS 10450 S	LB 10450 F LB 10450 S			KBS 10450		KB 10450	KR 10450	PB 10450		

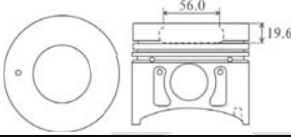



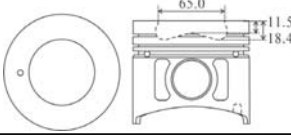

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
W04D 4,009 cc 4 cyl 104.0 mm Bore Ø	Liner OD is graded as W X and Y Z	Liner/ Sleeve	Piston		Rings		Ø : 35.0 Length: 85.0
		Length: Outside Ø: Flange Ø: Flange depth:	201.0 107.0 112.0 8.0 +0.9	Length: Comp. height:	106.2 60.2 -19.2	Top: 2nd: oil:	
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		11467-1761 11467-1771 11467-1781 11467-1791			13211-1801 13216-1460 13216-1460E	13011-1973 13011-2540 13019-1150	13272-1280 13272-1281
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 45000 FA	LB 45000 F (phosphated)	KBS 45000 A	KB 45000 A	KR 45000	PB 45000	

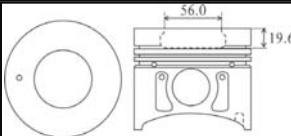

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
W04D New 4,009 cc 4 cyl 104.0 mm Bore Ø	Liner OD is graded as W X and Y Z	Liner/ Sleeve	Piston		Rings		Ø : 35.0 Length: 85.0
		Length: Outside Ø: Flange Ø: Flange depth:	201.0 107.0 112.0 8.0 +0.9	Length: Comp. height:	106.2 60.2 -18.4	Top: 2nd: oil:	
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		11467-1761 11467-1771 11467-1781 11467-1791			13216-2220	13011-1973 13011-2540 13019-1150	13272-1280 13272-1281
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 10550 FA	LB 10550 F (phosphated)	KBS 10550 A	KB 10550 A	KR 10550	PB 10550	

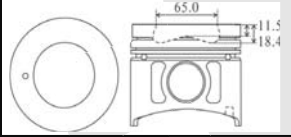

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
W04CT 4,009 cc 4 cyl 104.0 mm Bore Ø	Liner OD is graded as W X and Y Z	Liner/ Sleeve	Piston		Rings		Ø : 37.0 Length: 85.0
		Length: Outside Ø: Flange Ø: Flange depth:	201.0 107.0 112.0 8.0 -0.9	Length: Comp. height:	108.7 62.7 -12.7 -19.4	Top: 2nd: oil:	
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		11467-1761 11467-1771 11467-1781 11467-1791			13216-1631 S1321-61631	13011-2270 13011-2270A 13011-2270C 13011-2550 13011-2550B 13019-1160A	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 10600 FA	LB 10600 F (phosphated)	KBS 10600 A	KB 10600 A	KR 10600	PB 10600	

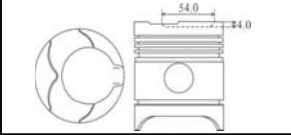

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
W04DT 4,009 cc 4 cyl 104.0 mm Bore Ø	Liner OD is graded as W X and Y Z		Piston		Rings	
		Length: 201.0 Outside Ø: 107.0 Flange Ø: 112.0 Flange depth: 8.0 +0.9	Length: 106.2 Comp. height: 60.2 -18.5	Top: 2.5 2nd: 2.0 oil: 4.0	Ø: 37.0 Length: 85.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1761 11467-1771 11467-1781 11467-1791 OD is graded as W X and Y Z		13216-3201	13011-3950/A 13011-4020/A 13011-70060 13011-E0110 13019-1190A 13019-1200A	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 10650 FA	LB 10650 F (phosphated)	KBS 10650 A	KB 10650 A	KR 10650	PB 10650

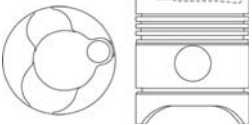

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
J05C 5,307 cc 4 cyl 114.0 mm Bore Ø	Liner OD is graded as A, B and C		Piston		Rings	
		Length: 204.0 Outside Ø: 117.0 Flange Ø: 122.0 Flange depth: 8.0 +0.8	Length: 100.0 Comp. height: 57.1 -19.6	Top: 3.0 2nd: 2.0 oil: 4.0	Ø: 37.0 Length: 84.5	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11461-78060/70/80 11467-2601/11/21 11467-2780/90/800		13216-2631	13011-3391B	13271-1420 13272-1300B 13272-1381
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 10700 FA	LB 10700 F (phosphated)	KBS 10700 A	KB 10700 A	KR 10700	PB 10700

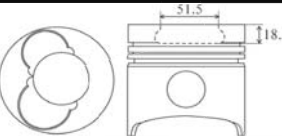

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
J05CT 5,307 cc 4 cyl 114.0 mm Bore Ø	Liner OD is graded as A, B and C		Piston	Alfin and with oil gallery pin bushing inserted	Rings	
		Length: 204.0 Outside Ø: 117.0 Flange Ø: 122.0 Flange depth: 8.0 +0.8	Length: 100.0 Comp. height: 57.0 -11.5 -18.4	Top: 2.5 2nd: 2.0 oil: 4.0	Ø: 37.0 Length: 85.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11461-78060/70/80 11467-2601/11/21 11467-2780/90/800		13306-1080	13011-3880A 13011-3940A 13019-1010B	13271-1420 13272-1300B 13272-1381
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 10750 FB	LB 10750 F (phosphated)	KBS 10750 B	KB 10750 B	KR 10750	PB 10750

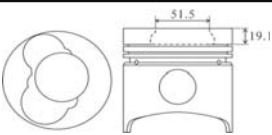

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
J07C 6,634 cc 5 cyl 114.0 mm Bore Ø	Liner OD is graded as A, B and C	Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	204.0 117.0 122.0 8.0 +0.8	Length: Comp. height:	100.0 57.1 -19.6	Top: 2nd: oil:	3.0 2.0 4.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		11461-78060/70/80 11467-2601/11/21 11467-2780/90/800		13216-2631	13011-3371B 13011-3771A	13271-1420 13272-1300B 13272-1381	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 10800 FA	LB 10800 F (phosphated)	KBS 10800 A	KB 10800 A	KR 10800	PB 10800	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
J07CT 6,634 cc 5 cyl 114.0 mm Bore Ø	Liner OD is graded as A, B and C	Liner/ Sleeve	Piston		Alfin and with oil gallery pin bushing inserted	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	204.00 117.0 122.0 8.0 +0.8	Length: Comp. height:		100.00 57.0 -11.5 -18.4	Top: 2nd: oil:	2.5 2.0 4.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		11461-78060/70/80 11467-2601/11/21 11467-2780/90/800		13306-1080	13011-3660A 13011-3900A	13271-1420 13272-1300B 13272-1381		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 10850 FB	LB 10850 F (phosphated)	KBS 10850 B	KB 10850 B	KR 10850	PB 10850		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
DM100 KM 4,313 cc 6 cyl 90.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	198.5 104.5 110.0 9.0 +1.0	Length: Comp. height:	104.0 53.8 -1.7 -4.0	Top: 2nd: 3rd: 1st oil: 2nd oil:	2.5 2.5 2.5 4.0 4.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		11467-1401 11467-1440 2352-1695-01		13216-1120 13216-1120A 3352-1961-00	13011-1350 13011-1350A	13272-1130	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 10900 F	LB 10900 F	KBS 10900	KB 10900	KR 10900	PB 10900	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																			
EC100 KL 5,010 cc 6 cyl 97.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>206.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>110.5</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>117.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>10.0 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	206.0		Outside Ø:	110.5		Flange Ø:	117.0		Flange depth:	10.0 +1.0		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>112.0</td> </tr> <tr> <td>Comp. height:</td> <td>58.0 -4.2 -6.1</td> </tr> </table>			Piston	Length:	112.0	Comp. height:	58.0 -4.2 -6.1		<table border="1"> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>3rd:</td> <td>2.5</td> </tr> <tr> <td>1st oil:</td> <td>4.0</td> </tr> <tr> <td>2nd oil:</td> <td>4.0</td> </tr> </table>	Top:	2.5	2nd:	2.5	3rd:	2.5	1st oil:	4.0	2nd oil:	4.0	<table border="1"> <tr> <td>Ø:</td> <td>31.5</td> </tr> <tr> <td>Length:</td> <td>81.5</td> </tr> </table>	Ø:	31.5	Length:	81.5
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Length:	81.5																																									
		Reference no.:		Reference no.:	Reference no.:	Reference no.:																																				
		11467-1130 11467-1130A 11467-1491 2353-8019-10 2353-8019-30		13216-1140 13216-1140C 2380-1940-01	13011-1390 13011-1400	13272-1140																																				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																				
	LBS 10950 F	LB 10950 F	KBS 10950	KB 10950	KR 10950	PB 10950																																				

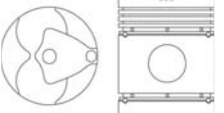

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																													
W06D 5,759 cc 6 cyl 104.0 mm Bore Ø	Liner OD is graded as W X and Y Z	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>201.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>107.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>112.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0 +0.9</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	201.0		Outside Ø:	107.0		Flange Ø:	112.0		Flange depth:	8.0 +0.9		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>108.7</td> </tr> <tr> <td>Comp. height:</td> <td>62.6 -4.0 -18.5</td> </tr> </table>			Piston	Length:	108.7	Comp. height:	62.6 -4.0 -18.5		<table border="1"> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd: oil:</td> <td>2.0 5.5</td> </tr> </table>	Top:	2.5	2nd: oil:	2.0 5.5	<table border="1"> <tr> <td>Ø:</td> <td>35.0</td> </tr> <tr> <td>Length:</td> <td>85.0</td> </tr> </table>	Ø:	35.0	Length:	85.0
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		11467-1761 11467-1771 11467-1781 11467-1791		13216-1470 13216-1470D 13216-1470E	13011-1983 13011-2420 13011-2440	13272-1280 13272-1281																														
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																														
	LBS 45150 FA	LB 45150 F (phosphated)	KBS 45150 A	KB 45150 A	KR 45150	PB 45150																														

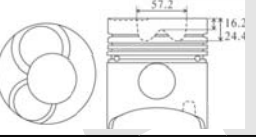

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																													
W06E 6,014 cc 6 cyl 104.0 mm Bore Ø	Liner OD is graded as W X and Y Z	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>201.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>107.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>112.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0 +0.9</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	201.0		Outside Ø:	107.0		Flange Ø:	112.0		Flange depth:	8.0 +0.9		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>106.2</td> </tr> <tr> <td>Comp. height:</td> <td>60.2 -19.1</td> </tr> </table>			Piston	Length:	106.2	Comp. height:	60.2 -19.1		<table border="1"> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd: oil:</td> <td>2.0 5.0</td> </tr> </table>	Top:	2.5	2nd: oil:	2.0 5.0	<table border="1"> <tr> <td>Ø:</td> <td>35.0</td> </tr> <tr> <td>Length:</td> <td>85.0</td> </tr> </table>	Ø:	35.0	Length:	85.0
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	LBS 11050 FA	LB 11050 F (phosphated)	KBS 11050 A	KB 11050 A	KR 11050	PB 11050																														

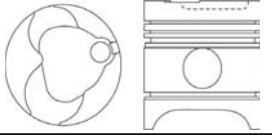

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																									
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Comp. height:	60.2 -18.4																																														
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		Reference no.:		Reference no.:	Reference no.:	Reference no.:																																									
		11467-1761 11467-1771 11467-1781 11467-1791		13216-2220	13011-1983 13011-2420 13011-2440	13272-1280 13272-1281																																									
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																									
	LBS 11100 FA	LB 11100 F (phosphated)	KBS 11100 A	KB 11100 A	KR 11100	PB 11100																																									

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																									
W06DT 5,759 cc 6 cyl 104.0 mm Bore Ø	Liner OD is graded as W X and Y Z																																														
		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Length:</td> <td>201.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>107.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>112.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0 +0.9</td> <td></td> <td></td> <td></td> </tr> </table>		Liner/ Sleeve				Length:	201.0				Outside Ø:	107.0				Flange Ø:	112.0				Flange depth:	8.0 +0.9				<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>108.7</td> </tr> <tr> <td>Comp. height:</td> <td>62.7 -12.7 -19.4</td> </tr> </table>		Piston	Length:	108.7	Comp. height:	62.7 -12.7 -19.4		<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>2.8</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5 5.0</td> </tr> <tr> <td>Ø:</td> <td>37.0</td> </tr> <tr> <td>Length:</td> <td>85.0</td> </tr> </table>		Rings	Top:	2.8	2nd: oil:	2.5 5.0	Ø:	37.0	Length:	85.0	
	Liner/ Sleeve																																														
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		11467-1761 11467-1771 11467-1781 11467-1791		13211-1982	13011-2610A 13011-2950A 13011-2680A	13271-1420 13272-1300B 13272-1381																																									
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																									
	LBS 11150 FA	LB 11150 F (phosphated)	KBS 11150 A	KB 11150 A	KR 11150	PB 11150																																									

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																															
EH100 KR 5,871 cc 6 cyl 105.0 mm Bore Ø																																																					
		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Length:</td> <td>204.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>110.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>115.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0 +0.5</td> <td></td> <td></td> <td></td> </tr> </table>		Liner/ Sleeve				Length:	204.0				Outside Ø:	110.0				Flange Ø:	115.0				Flange depth:	8.0 +0.5				<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>112.0</td> </tr> <tr> <td>Comp. height:</td> <td>59.0 -6.4</td> </tr> </table>		Piston	Length:	112.0	Comp. height:	59.0 -6.4		<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>3rd:</td> <td>2.5</td> </tr> <tr> <td>1st oil:</td> <td>4.0</td> </tr> <tr> <td>2nd oil:</td> <td>4.0</td> </tr> <tr> <td>Ø:</td> <td>34.0</td> </tr> <tr> <td>Length:</td> <td>89.5</td> </tr> </table>		Rings	Top:	2.5	2nd:	2.5	3rd:	2.5	1st oil:	4.0	2nd oil:	4.0	Ø:	34.0	Length:	89.5	
	Liner/ Sleeve																																																				
Length:	204.0																																																				
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Flange Ø:	115.0																																																				
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		Reference no.:		Reference no.:	Reference no.:	Reference no.:																																															
		11467-1030 11467-1040		13216-1010 2382-1961-00	13011-1150 13011-1410	13271-1030																																															
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																															
	LBS 11200 F	LB 11200 F	KBS 11200	KB 11200	KR 11200	PB 11200																																															

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
DS70 7,014 cc 6 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		Ø : 40.0 Length: 82.0
		Length: 261.0 Outside Ø: 122.0 Flange Ø: 130.0 Flange depth: 10.0 +1.0	Length: 140.0 Comp. height: 78.5 -1.7 -9.0	Top: 3.0 2nd: 3.0 3rd: 3.0 1st oil: 4.5 2nd oil: 4.5			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		11467-1280			13216-1221 2303-1202-00	13011-1210 13011-1550A	13272-1070 13272-1180
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 11250 F	LB 11250 F	KBS 11250	KB 11250	KR 11250	PB 11250	

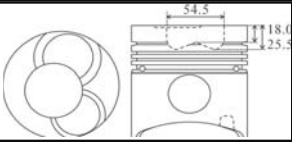

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
H06BT 6,224 cc 6 cyl 105.8 mm Bore Ø	Liner OD is graded as W X and Y Z	Liner/ Sleeve	Piston		Rings		Ø : 39.0 Length: 87.5
		Length: 204.0 Outside Ø: 110.0 Flange Ø: 118.0 Flange depth: 8.0 +0.7	Length: 121.5 Comp. height: 69.5 -16.2 -24.4	Top: 2.8 2nd: 2.5 3rd: 2.5 oil: 5.0			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		11467-1921 11467-1931 11467-1941 11467-1951			13216-1591	13011-2880A	13272-1270
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 11300 FA	LB 11300 F (phosphated)	KBS 11300 A	KB 11300 A	KR 11300	PB 11300	

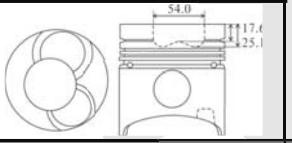

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
EH300 6,211 cc 6 cyl 108.0 mm Bore Ø	Liner OD is graded as A and B	Liner/ Sleeve	Piston		Rings		Ø : 35.0 Length: 90.0
		Length: 204.0 Outside Ø: 112.0 Flange Ø: 118.0 Flange depth: 8.0 +0.6	Length: 114.0 Comp. height: 59.5 -7.0	Top: 3.0 2nd: 2.5 1st oil: 5.0 2nd oil: 4.0			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		11467-1010 11467-1020			13216-1160	13011-1032 13011-1032A 13011-1062	13272-1030
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 11350 F	LB 11350 F (phosphated)	KBS 11350	KB 11350	KR 11350	PB 11350	

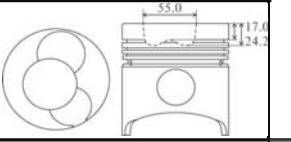

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
H06C 6,485 cc 6 cyl 108.0 mm Bore Ø	Liner OD is graded as W X and Y Z	Liner/ Sleeve	Piston		Rings		Ø : 39.0 Length: 90.0
		Length: Outside Ø: Flange Ø: Flange depth:	204.0 113.0 118.0 8.0 +1.0	Length: Comp. height:	121.5 69.5 -17.7 -25.5	Top: 2nd: 3rd: oil:	
	Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		11467-1591 11467-1601 11467-1611 11467-1621		13216-1540 13216-1540B	13011-1961	13272-1220 13272-1270	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 11400 FA	LB 11400 F (phosphated)	KBS 11400 A	KB 11400 A	KR 11400	PB 11400	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
H06CT 6,485 cc 6 cyl 108.0 mm Bore Ø	Liner OD is graded as W X and Y Z	Liner/ Sleeve	Piston		Rings		Ø : 39.0 Length: 90.0
		Length: Outside Ø: Flange Ø: Flange depth:	204.0 113.0 118.0 8.0 +1.0	Length: Comp. height:	121.5 69.5 -16.4 -21.1	Top: 2nd: 3rd: oil:	
	Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		11467-1591 11467-1601 11467-1611 11467-1621		13216-1750	13011-1961	13272-1220 13272-1270	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 11450 FA	LB 11450 F (phosphated)	KBS 11450 A	KB 11450 A	KR 11450	PB 11450	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
H06CT 6,485 cc 6 cyl 108.0 mm Bore Ø	Liner OD is graded as W X and Y Z	Liner/ Sleeve	Piston		Rings		Ø : 39.0 Length: 90.0
		Length: Outside Ø: Flange Ø: Flange depth:	204.0 113.0 118.0 8.0 +1.0	Length: Comp. height:	121.5 69.5 -13.9 -20.3	Top: 2nd: 3rd: oil:	
	Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		11467-1591 11467-1601 11467-1611 11467-1621			13011-1961	13272-1220 13272-1270	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 38400 FA	LB 38400 F (phosphated)	KBS 38400 A	KB 38400 A	KR 38400	PB 38400	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
H06CT 6,485 cc 6 cyl 108.0 mm Bore Ø	Liner OD is graded as W X and Y Z		Piston		Rings	
		Length: 204.0 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +1.0	Length: 121.5 Comp. height: 69.5 -18.0 -25.5	Top: 2.8 2nd: 2.5 3rd: 2.5 oil: 5.0	Ø: 39.0 Length: 90.0	
	Reference no.:			Reference no.:	Reference no.:	Reference no.:
	11467-1591 11467-1601 11467-1611 11467-1621			13216-1810 13216-1810A	13011-1961	13272-1220 13272-1270
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 11550 FA	LB 11550 F (phosphated)	KBS 11550 A	KB 11550 A	KR 11550	PB 11550

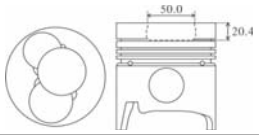

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
H06C TA 6,485 cc 6 cyl 108.0 mm Bore Ø	Liner OD is graded as W X and Y Z		Piston		Rings	
		Length: 204.0 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +1.0	Length: 121.4 Comp. height: 69.3 -17.6 -25.1	Top: 2.8 2nd: 2.5 3rd: 2.5 oil: 5.0	Ø: 39.0 Length: 90.0	
	Reference no.:			Reference no.:	Reference no.:	Reference no.:
	11467-1591 11467-1601 11467-1611 11467-1621			13211-1891	13011-1961	13272-1220 13272-1270
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 11600 FA	LB 11600 F (phosphated)	KBS 11600 A	KB 11600 A	KR 11600	PB 11600

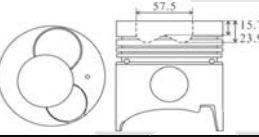

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
EH700 6,443 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z		Piston		Rings	
		Length: 204.0 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +0.8	Length: 121.5 Comp. height: 69.5 -17.0 -24.2	Top: 3.0 2nd: 2.5 3rd: 2.5 oil: 5.0	Ø: 39.0 Length: 90.0	
	Reference no.:			Reference no.:	Reference no.:	Reference no.:
	11467-1200 11467-1210 11467-1220 11467-1230			13211-1471 13216-1180 13216-1181	13011-1610 13011-1610B 13011-1620 13011-1620A 13011-2070A 13011-2090	13272-1220 13272-1270
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 11650 FA	LB 11650 F (phosphated)	KBS 11650 A	KB 11650 A	KR 11650	PB 11650

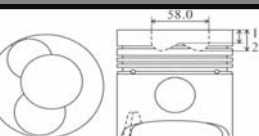

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
H07C 6,728 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z					
		Length: 204.0 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +0.8	Length: 121.6 Comp. height: 69.5 -20.1		Top: 3.0 2nd: 2.5 3rd: 2.5 oil: 5.0	Ø: 39.0 Length: 90.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1200 11467-1210 11467-1220 11467-1230		13216-1771 13216-2300	13011-1610 13011-1610B 13011-1620 13011-1620A 13011-2070A 13011-2090	13272-1220 13272-1270
	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 11700 FA	LB 11700 F (phosphated)	KBS 11700 A	KB 11700 A	KR 11700	PB 11700

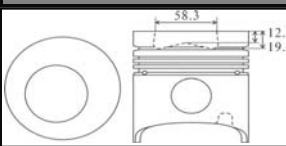

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
H07D 7,412 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z					
		Length: 204.00 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +0.8	Length: 100.00 Comp. height: 57.0 -20.5		Top: 3.0 2nd: 2.0 oil: 4.0	Ø: 37.0 Length: 86.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1200 11467-1210 11467-1220 11467-1230		13216-2260	13011-2650 13011-2651 13011-2651A 13011-2660	
	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 11750 FA	LB 11750 F (phosphated)	KBS 11750 A	KB 11750 A	KR 11750	PB 11750

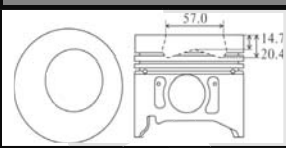

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
H07C New 6,728 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z					
		Length: 204.0 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +0.8	Length: 121.4 Comp. height: 69.4 -20.6 -27.6		Top: 3.0 2nd: 2.5 3rd: 2.5 oil: 5.0	Ø: 39.0 Length: 90.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1200 11467-1210 11467-1220 11467-1230		13216-1851 13216-2290	13011-1610 13011-1610B 13011-1620 13011-1620A 13011-2070A 13011-2090	13272-1220 13272-1270
	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 11800 FA	LB 11800 F (phosphated)	KBS 11800 A	KB 11800 A	KR 11800	PB 11800

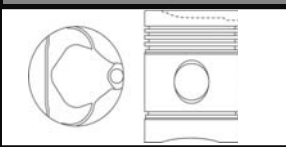

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																			
EH700 New 6,443 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>204.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>113.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>118.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0 +0.8</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	204.0		Outside Ø:	113.0		Flange Ø:	118.0		Flange depth:	8.0 +0.8		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>121.5</td> </tr> <tr> <td>Comp. height:</td> <td>69.4 -20.4</td> </tr> </table>			Piston	Length:	121.5	Comp. height:	69.4 -20.4		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>3.0</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>3rd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>5.0</td> </tr> </table>	Rings		Top:	3.0	2nd:	2.5	3rd:	2.5	oil:	5.0	<table border="1"> <tr> <td>Ø :</td> <td>39.0</td> </tr> <tr> <td>Length:</td> <td>90.0</td> </tr> </table>	Ø :	39.0	Length:	90.0
				Liner/ Sleeve																																						
Length:	204.0																																									
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	11467-1200 11467-1210 11467-1220 11467-1230	13216-1890		13011-1610 13011-1610B 13011-1620 13011-1620A 13011-2070A 13011-2090	13272-1220 13272-1270																																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																				
	LBS 11850 FA	LB 11850 F (phosphated)	KBS 11850 A	KB 11850 A	KR 11850	PB 11850																																				

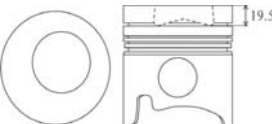

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																			
EH700T 6,443 cc 6 cyl 114.0 mm Bore Ø	Liner OD is graded as W X and Y Z	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>204.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>113.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>118.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0 +0.8</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	204.0		Outside Ø:	113.0		Flange Ø:	118.0		Flange depth:	8.0 +0.8		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>121.3</td> </tr> <tr> <td>Comp. height:</td> <td>69.3 -15.7 -23.9</td> </tr> </table>			Piston	Length:	121.3	Comp. height:	69.3 -15.7 -23.9		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>3.0</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>3rd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>5.0</td> </tr> </table>	Rings		Top:	3.0	2nd:	2.5	3rd:	2.5	oil:	5.0	<table border="1"> <tr> <td>Ø :</td> <td>39.0</td> </tr> <tr> <td>Length:</td> <td>90.0</td> </tr> </table>	Ø :	39.0	Length:	90.0
				Liner/ Sleeve																																						
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Flange Ø:	118.0																																									
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	Piston																																									
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Comp. height:	69.3 -15.7 -23.9																																									
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																				
	LBS 11900 FA	LB 11900 F (phosphated)	KBS 11900 A	KB 11900 A	KR 11900	PB 11900																																				

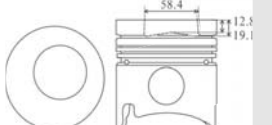

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																			
EH700T New 6,443 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>204.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>113.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>118.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0 +0.8</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	204.0		Outside Ø:	113.0		Flange Ø:	118.0		Flange depth:	8.0 +0.8		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>121.3</td> </tr> <tr> <td>Comp. height:</td> <td>69.3 -14.9 -23.6</td> </tr> </table>			Piston	Length:	121.3	Comp. height:	69.3 -14.9 -23.6		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>3.0</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>3rd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>5.0</td> </tr> </table>	Rings		Top:	3.0	2nd:	2.5	3rd:	2.5	oil:	5.0	<table border="1"> <tr> <td>Ø :</td> <td>39.0</td> </tr> <tr> <td>Length:</td> <td>90.0</td> </tr> </table>	Ø :	39.0	Length:	90.0
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	11467-1200 11467-1210 11467-1220 11467-1230	13216-1390		13011-1610 13011-1610B 13011-1620 13011-1620A 13011-2070A 13011-2090	13272-1220 13272-1270																																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																				
	LBS 11950 FA	LB 11950 F (phosphated)	KBS 11950 A	KB 11950 A	KR 11950	PB 11950																																				

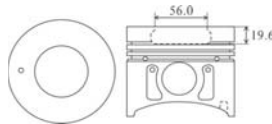

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
H07CT 6,728 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z			Alfin and with oil gallery	Rings	Ø : 39.0 Length: 90.0
			Liner/ Sleeve			
		Length: 204.0 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +0.8	Length: 121.4 Comp. height: 69.4 -12.7 -19.4			
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1200 11467-1210 11467-1220 11467-1230		13216-2062	13011-2672 13011-2672A	13272-1220 13272-1270
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 35150 FB	LB 35150 F (phosphated)	KBS 35150 B	KB 35150 B	KR 35150	PB 35150

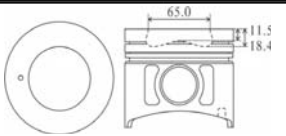

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
H07DT 7,412 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z				Rings	Ø : 37.0 Length: 84.5
			Liner/ Sleeve			
		Length: 204.00 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +0.8	Length: 100.00 Comp. height: 57.0 -14.7 -20.4			
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1200 11467-1210 11467-1220 11467-1230		13216-1980	13011-2650 13011-2651 13011-2651A 13011-2660	13271-1420 13272-1300B 13272-1381
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 35200 FA	LB 35200 F (phosphated)	KBS 35200 A	KB 35200 A	KR 35200	PB 35200

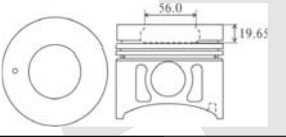

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
DS50/ DS80 7,982 cc 6 cyl 110.0 mm Bore Ø					Rings	Ø : 40.0 Length: 92.0
			Liner/ Sleeve			
		Length: 266.0 Outside Ø: 124.5 Flange Ø: 131.0 Flange depth: 10.0 +1.0	Length: 145.5 Comp. height: 78.8 -2.3			
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1550 11467-1550B		13216-1050 13216-1050B	13011-1230 13011-1250 13011-1261 13011-1650 13011-1680 13011-1830	13272-1070 13272-1180
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 12100 AF	LB 12100 F	KBS 12100 A	KB 12100 A	KR 12100	PB 12100

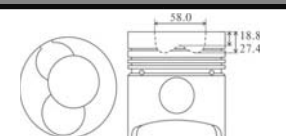

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
H07CT New 6,728 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z		Piston	Alfin and with oil gallery	Rings	
		Length: 204.0 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +1.0	Length: 121.5 Comp. height: 69.5 -19.5		Top: 2.8 2nd: 2.0 3rd: 2.0 oil: 4.0	Ø: 39.0 Length: 90.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1200 11467-1210 11467-1220 11467-1230		13216-2740	13011-3510 13011-3510A	13272-1220 13272-1270
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 12150 FB	LB 12150 F (phosphated)	KBS 12150 B	KB 12150 B	KR 12150	PB 12150

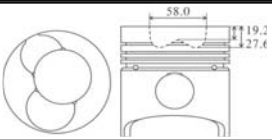

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
H07CA New 6,728 cc 6 cyl 110.0 mm Bore Ø	Liner OD is graded as W X and Y Z		Piston	Alfin and with oil gallery	Rings	
		Length: 204.0 Outside Ø: 113.0 Flange Ø: 118.0 Flange depth: 8.0 +1.0	Length: 121.4 Comp. height: 69.3 -17.6 -25.1		Top: 2.8 2nd: 2.5 3rd: 2.5 oil: 5.0	Ø: 39.0 Length: 90.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1200 11467-1210 11467-1220 11467-1230		13216-2152	13011-2672 13011-2672A	13272-1220 13272-1270
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 12200 FB	LB 12200 F (phosphated)	KBS 12200 B	KB 12200 B	KR 12200	PB 12200

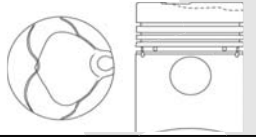

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
J08C 7,961 cc 6 cyl 114.0 mm Bore Ø	Liner OD is graded as A, B and C		Piston		Rings	
		Length: 204.0 Outside Ø: 117.0 Flange Ø: 122.0 Flange depth: 8.0 +0.8	Length: 100.0 Comp. height: 57.1 -4.2 -19.6		Top: 3.0 2nd: 2.0 oil: 4.0	Ø: 37.0 Length: 84.5
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11461-78060/70/80 11467-2601/11/21 11467-2780/90/800		13216-2631	13011-2960A 13011-2961A 13011-2962 13011-2962A	13271-1420 13272-1300B 13272-1381
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 12250 FA	LB 12250 F (phosphated)	KBS 12250 A	KB 12250 A	KR 12250	PB 12250

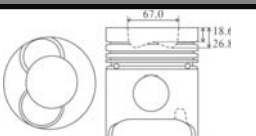

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
J08CT 7,961 cc 6 cyl 114.0 mm Bore Ø	Liner OD is graded as A, B and C	Liner/ Sleeve	Piston		Alfin and with oil gallery pin bushing inserted	Rings		Ø : 37.0 Length: 85.0
		Length: Outside Ø: Flange Ø: Flange depth:	204.0 117.0 122.0 8.0 +0.8	Length: Comp. height:		100.0 57.0 -11.5 -18.4	Top: 2nd: oil:	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		11461-78060/70/80 11467-2601/11/21 11467-2780/90/800		13306-1080	13011-3570 13011-3570A 13011-3820 13011-3820A 13011-3870 13011-3870A	13271-1420 13272-1300B 13272-1381		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 12300 FB	LB 12300 F (phosphated)	KBS 12300 B	KB 12300 B	KR 12300	PB 12300		

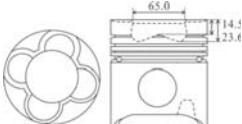

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
J08C 7,961 cc 6 cyl 114.0 mm Bore Ø		Liner/ Sleeve	Piston			Rings		Ø : 37.0 Length: 85.0
		Length: Outside Ø: Flange Ø: Flange depth:	204.0 117.0 122.0 8.0	Length: Comp. height:		100.0 57.0 -19.65	Top: 2nd: oil:	
		Reference no.:		Reference no.:	13011-3570 13011-3570A 13011-3820 13011-3820A 13011-3870 13011-3870A	Reference no.:		
				13216-3211 S1321-63211	13271-1420 13272-1300B 13272-1381			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 12350 FA	LB 12350 F (phosphated)	KBS 12350 A	KB 12350 A	KR 12350	PB 12350		

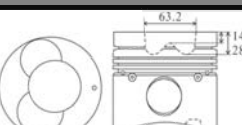

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
EL100 7,862 cc 6 cyl 116.0 mm Bore Ø		Liner/ Sleeve	Piston			Rings		Ø : 40.0 Length: 93.0
		Length: Outside Ø: Flange Ø: Flange depth:	222.8 129.0 138.0 9.0+ 0.75	Length: Comp. height:		130.0 78.2 -18.8 -27.4	Top: 2nd: 3rd: oil:	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		11467-1240 11467-1270 11467-1640	13216-1272A		13011-1700 13011-1700B 13011-1710	13272-1200		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 12400 FA	LB 12400 F	KBS 12400 A	KB 12400 A	KR 12400	PB 12400		

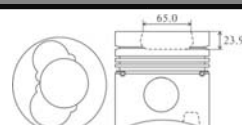

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
EL100 7,862 cc 6 cyl 116.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	222.8 129.0 138.0 9.0 +0.75	Length: Comp. height:	130.5 78.4 -19.2 -27.6	Top: 2nd: 3rd: oil:	3.0 2.5 2.5 5.5
		Reference no.:	Reference no.:		Reference no.:	Reference no.:	
		11467-1240 11467-1270 11467-1640	13306-1080		13011-1700 13011-1700B 13011-1710	13272-1200	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 12450 FA	LB 12450 F	KBS 12450 A	KB 12450 A	KR 12450	PB 12450	

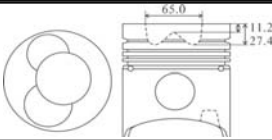

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
EB300 9,838 cc 6 cyl 120.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	288.0 136.0 143.0 11.0 +1.0	Length: Comp. height:	155.4 86.4 -6.0 -10.0	Top: 2nd: 3rd: oil:	3.5 3.5 3.5 6.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11467-1180 11467-1520 2334-1963-00	O-Ring: 11471-1110	13216-1110 13216-1110A 2334-1961-00	13011-1330 13011-1720 13011-1730 13011-1730A	13272-1100	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 12500 F	LB 12500 F	KBS 12500	KB 12500	KR 12500	PB 12500	

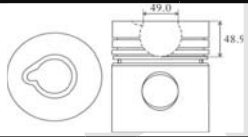

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
EP100T 8,821 cc 6 cyl 120.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	236.0 125.0 132.0 8.0 +1.0	Length: Comp. height:		144.6 85.6 -18.6 -26.8	Top: 2nd: 3rd: oil:
		Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-1730 11467-1740 11467-1750			13216-1450C	13011-1952 13011-2670	13272-1260
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 12550 FB	LB 12550 F (phosphated)	KBS 12550 B	KB 12550 B	KR 12550	PB 12550	

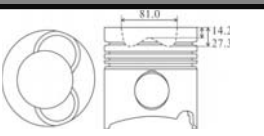

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
EP100/ P09C 8,821 cc 6 cyl 120.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings		Ø : 47.0 Length: 99.0
		Length: 236.0 Outside Ø: 125.0 Flange Ø: 132.0 Flange depth: 8.0 +1.0	Length: 144.6 Comp. height: 85.6 -14.5 -23.6	Top: 3.3 2nd: 3.0 3rd: 2.5 oil: 5.0				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		11467-1730 11467-1740 11467-1750		13216-2460	13011-2370 13011-2370A 13011-2760B 13019-1490A	13272-1260		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 12600 FB	LB 12600 F (phosphated)	KBS 12600 B	KB 12600 B	KR 12600	PB 12600		

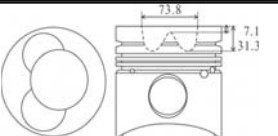

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
EM100 9,419 cc 6 cyl 124.0 mm Bore Ø	Liner OD is graded as A and B	Liner/ Sleeve	Piston			Rings		Ø : 42.0 Length: 98.0
		Length: 236.0 Outside Ø: 129.1 Flange Ø: 134.0 Flange depth: 8.0 +1.2	Length: 139.4 Comp. height: 80.4 -14.4 -28.1	Top: 2.8 2nd: 2.5 3rd: 3.0 oil: 5.0				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		11467-1661 11467-1671		13216-1370	13011-1921 13011-1931 13011-3530	13272-1250		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 12650 FA	LB 12650 F (phosphated)	KBS 12650 A	KB 12650 A	KR 12650	PB 12650		

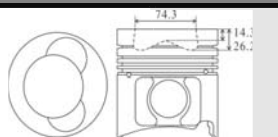

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
M10C 9,880 cc 6 cyl 127.0 mm Bore Ø	Liner OD is graded as W X and Y Z	Liner/ Sleeve	Piston			Rings		Ø : 47.0 Length: 99.0
		Length: 236.0 Outside Ø: 130.3 Flange Ø: 135.2 Flange depth: 8.0 +0.9	Length: 144.5 Comp. height: 85.5 -23.9	Top: 3.3 2nd: 3.0 3rd: 3.0 oil: 5.0				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		11467-2000 11467-2010 11467-2020 11467-2030		13216-2411	13011-2250 13011-2250A 13011-2870	13272-1260		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 12700 FA	LB 12700 F (phosphated)	KBS 12700 A	KB 12700 A	KR 12700	PB 12700		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
M10U 9,880 cc 6 cyl 127.0 mm Bore Ø	Liner OD is graded as W X and Y Z		Piston		Rings	
		Length: 236.0 Outside Ø: 130.3 Flange Ø: 135.2 Flange depth: 8.0 +0.9	Length: 144.5 Comp. height: 85.4 -11.2 -27.4	Top: 3.3 2nd: 3.0 3rd: 3.0 oil: 5.0	Ø: 47.0 Length: 99.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-2000 11467-2010 11467-2020 11467-2030			13011-2250 13011-2250A 13011-2870	13272-1260
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 12750 FA	LB 12750 F (phosphated)	KBS 12750 A	KB 12750 A	KR 12750	PB 12750


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
ED100 11,581 cc 6 cyl 128.0 mm Bore Ø			Piston		Rings	
		Length: 291.0 Outside Ø: 144.0 Flange Ø: 151.0 Flange depth: 11.1 +0.8	Length: 160.0 Comp. height: 99.0 -17.5 -48.9	Top: 3.5 2nd: 3.5 3rd: 3.5 oil: 6.0	Ø: 45.0 Length: 100.0	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11467-1370	O-Ring: 11471-1040 11471-1180	13216-1170	13011-1470 13011-1480 13011-1660 13011-1670 13011-1670A 13011-2240 3400-1205-09	13272-1080 13272-1150 13272-1190
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 12800 F LBS 12800 FA	LB 12800 F	KBS 12800 KBS 12800 A	KB 12800 KB 12800 A	KR 12800	PB 12800

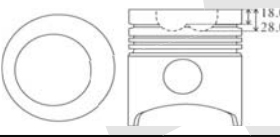

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
K13C 12,882 cc 6 cyl 135.0 mm Bore Ø			Piston	Alfin and with oil gallery	Rings	
		Length: 267.0 Outside Ø: 153.0 Flange Ø: 164.0 Flange depth: 12.1 +0.8	Length: 145.4 Comp. height: 90.3 -14.2 -27.3	Top: 3.3 2nd: 3.5 3rd: 3.5 oil: 5.0	Ø: 50.0 Length: 110.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11461-2090 11461-2380		13216-2140	13011-3090A	13272-1320
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 12850 FB	LB 12850 F (water jacket chromed)	KBS 12850 B	KB 12850 B	KR 12850	PB 12850

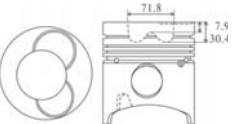

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
EK100/ EK200 13,267 cc 6 cyl 137.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		Ø : 50.0 Length: 110.0
		Length: 267.0 Outside Ø: 153.0 Flange Ø: 164.0 Flange depth: 12.0 +0.8	Length: 145.3 Comp. height: 90.3 -7.1 -31.3	Top: 3.3 2nd: 3.5 3rd: 3.5 oil: 6.0			
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11467-1080 11467-1910 11467-1920 11467-1960	O-Ring: 11471-1210	13211-1900 13216-1220A 13216-1222 13216-1224 13216-1530 13216-1900	13011-1010 13011-1011 13011-1021 13011-1021B 13011-2210	13272-1010	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 12900 FA	LB 12900 F (water jacked chromed)	KBS 12900 A	KB 12900 A	KR 12900	PB 12900	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
K13D 13,267 cc 6 cyl 137.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		Ø : 50.0 Length: 110.0
		Length: 267.0 Outside Ø: 153.0 Flange Ø: 164.0 Flange depth: 12.0 +0.8	Length: 144.3 Comp. height: 90.3 -14.3 -26.2	Top: 3.3 2nd: 3.5 3rd: 3.5 oil: 5.0			
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11467-1080 11467-1910 11467-1920 11467-1960	O-Ring: 11471-1210	13216-2100	13011-2770 13011-2771B 13011-2970 13019-1620A	13272-1010	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 12950 FA	LB 12950 F (water jacked chromed)	KBS 12950 A	KB 12950 A	KR 12950	PB 12950	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
K13D 13,267 cc 6 cyl 137.0 mm Bore Ø	Water jacked chromed	Liner/ Sleeve	Piston		Rings		Ø : 50.0 Length: 110.0
		Length: 267.0 Outside Ø: 153.0 Flange Ø: 164.0 Flange depth: 12.0 +0.8	Length: 114.3 Comp. height: 90.3	Top: 3.3 2nd: 3.5 3rd: 3.5 oil: 5.0			
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11467-1080 11467-1910 11467-1920 11467-1960	O-Ring: 11471-1210	13216-2440 13216-2470	13011-2770 13011-2771B 13011-2970 13019-1620A	13272-1010	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 45300 FA	LB 45300 F (water jacked chromed)	KBS 45300 A	KB 45300 A	KR 45300	PB 45300	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
EK130T 13,546 cc 6 cyl 137.0 mm Bore Ø		Liner/ Sleeve	Piston			Rings	
			Length: Outside Ø: Flange Ø: Flange depth:	267.0 153.0 164.0 12.0 +0.8		Length: Comp. height:	145.3 90.3
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11467-1080 11467-1910 11467-1920 11467-1960	O-Ring: 11471-1210	13216-1812A 13211-2191	13011-2770 13011-2771B 13011-2970 13019-1620A	13272-1010	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 44100 FA	LB 44100 F (water jacked chromed)	KBS 44100 A	KB 44100 A	KR 44100	PB 44100	

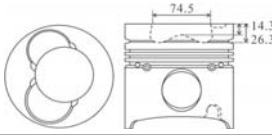

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
EF100 (L/R) 13,804 cc 8 cyl 130.0 mm Bore Ø		Liner/ Sleeve	Piston			Rings	
			Length: Outside Ø: Flange Ø: Flange depth:	248.0 146.0 157.0 12.1 +0.8		Length: Comp. height:	145.0 90.0 -18.0 -28.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11467-1110	O-Ring: 11471-1130	13216-1290 13226-1040 (L/R)	13011-1180/A 13011-1570/A 13011-1580 13011-1590/A 13019-1460A 3391-1205-04	13272-1050	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 13100 F	LB 13100 F (water jacked chromed)	KBS 13100	KB 13100	KR 13100	PB 13100	

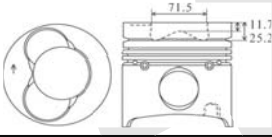

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
EF550 (L/R) 16,260 cc 8 cyl 135.0 mm Bore Ø	Water jacked chromed	Liner/ Sleeve	Piston			Rings	
			Length: Outside Ø: Flange Ø: Flange depth:	248.0 153.0 165.0 12.1 +0.8		Length: Comp. height:	145.4 90.3 -7.9 -30.4
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11467-1690		13226-1140 13216-1560 (L/R)	13011-1131 13011-1131B 13011-1141 13011-1142 13011-1460 13011-2150 13011-2160	13272-1240	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 13150 FA	LB 13150 F (water jacked chromed)	KBS 13150 A	KB 13150 A	KR 13150	PB 13150	

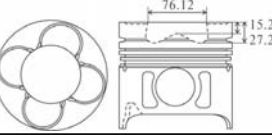

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
EF550 16,260 cc 8 cyl 135.0 mm Bore Ø		Liner/ Sleeve		Piston			Rings		Ø : 50.0 Length: 110.0
		Length: Outside Ø: Flange Ø: Flange depth:	248.0 153.0 165.0 12.1 +0.8		Length: Comp. height:		145.4 90.3 -7.9 -30.4	Top: 2nd: 3rd: oil:	
		Reference no.:				Reference no.:	Reference no.:	Reference no.:	
		11467-1690				13216-2740	13011-2700	13272-1240	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 13200 FA	LB 13200 F (water jacked chromed)		KBS 13200 A		KB 13200 A	KR 13200	PB 13200	

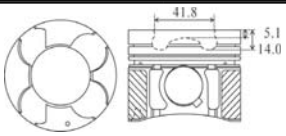

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
EF500 (L/R) 15,459 cc 8 cyl 135.0 mm Bore Ø		Liner/ Sleeve		Piston			Rings		Ø : 50.0 Length: 110.0
		Length: Outside Ø: Flange Ø: Flange depth:	248.0 153.0 165.0 13.6 +0.8		Length: Comp. height:			Top: 2nd: 3rd: oil:	
		Reference no.:				Reference no.:	Reference no.:		Reference no.:
		11467-1101 11467-1120				13216-1252 13226-1022 (L/R)	13011-1131 13011-1131B 13011-1141 13011-1142 13011-1460 13011-2150 13011-2160		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 13250 FA	LB 13250 F (water jacked chromed)		KBS 13250 A		KB 13250 A	KR 13250	PB 13250	

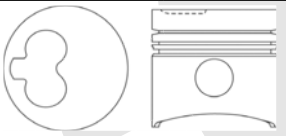

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
EF750 (L/R) 16,745 cc 8 cyl 137.0 mm Bore Ø		Liner/ Sleeve		Piston			Rings		Ø : 37.0 Length: 84.5
		Length: Outside Ø: Flange Ø: Flange depth:	248.0 153.0 165.0 12.0 +0.8		Length: Comp. height:		144.3 90.3 -10.7 -30.3	Top: 2nd: 3rd: oil:	
		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		11467-1091 11467-1900		O-Ring: 11471-1400 11471-1450		13216-1860 13226-1170 (L/R)	13011-1111 13011-1112 13011-1121 13011-1121B 13011-1122 13011-2180	13272-1240	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 13300 FA	LB 13300 F (water jacked chromed)		KBS 13300 A		KB 13300 A	KR 13300	PB 13300	

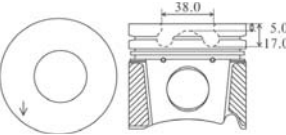

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
F17C (L/R)			Piston		Rings	
17,238 cc 8 cyl 139.0 mm Bore Ø		Length: 248.0 Outside Ø: 154.0 Flange Ø: 166.0 Flange depth: 12.1 +0.8	Length: 144.3 Comp. height: 90.3 -14.3 -26.3		Top: 3.3 2nd: 3.5 3rd: 3.5 oil: 5.0	Ø: 50.0 Length: 110.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11467-1702 11467-1702A	O-Ring: 11470-1500 11470-1510 11471-1460	13216-1910 13226-1180 (L/R)	13011-2810 13011-3150 13011-3150A 13011-3160 13019-1700A	13272-1240
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 13350 FA	LB 13350 F (water jacked chromed)	KBS 13350 A	KB 13350 A	KR 13350	PB 13350

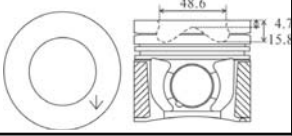

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
F17E (L/R)			Piston		Rings	
17,238 cc 8 cyl 139.0 mm Bore Ø		Length: 248.0 Outside Ø: 154.0 Flange Ø: 166.0 Flange depth: 12.1 +0.8	Length: 144.3 Comp. height: 90.3 -11.7 -25.2		Top: 3.3 2nd: 3.5 3rd: 3.5 oil: 5.0	Ø: 50.0 Length: 110.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11467-1702 11467-1702A	O-Ring: 11470-1500 11470-1510 11471-1460	13211-2281 13226-1210 (L/R)	13011-2810 13011-3150 13011-3150A 13011-3160 13019-1700A	13272-1240
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 13400 FA	LB 13400 F (water jacked chromed)	KBS 13400 A	KB 13400 A	KR 13400	PB 13400

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
F20C (L/R)			Piston		Rings	
19,688 cc 8 cyl 146.0 mm Bore Ø		Length: 224.0 Outside Ø: 152.0 / 154.0 Flange Ø: 159.0 / 160.9 Flange Depth: 8.0 / 8.5 +1.2	Length: 138.4 Comp. height: 84.3 -15.2 -27.2		Top: 3.3 2nd: 3.5 3rd: 3.5 oil: 5.0	Ø: 50.0 Length: 110.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		11467-2280 11467-2290 11467-2300 11467-2690		13211-2502 13216-2671 13221-1242 13226-1321 (L/R)	13011-2792 13011-2792A 13011-3250A 13019-1710A	13272-1240
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 13450 FA	LB 13450 F (phosphated)	KBS 13450 A	KB 13450 A	KR 13450	PB 13450

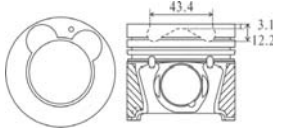

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца			PIN Pin/ Perno/ Пин
CIVIC 1.7 CTDi (2002.01-2005) 1,686 cc 4 cyl 79.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil skirt MOS2 treated	Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	144.0 83.0 87.0 2.0	144.0 83.0	Length: Comp. height:	64.7 39.7 -5.1 -14.0		Top: 2nd: oil:	2.0 1.5 3.0	Ø: Length:	27.0 64.0
		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
							13101-PLZ-D00 13102-PLZ-D00 13103-PLZ-D00	13011-PLM-004 13011-PLZ-D00	13232-PLZ-D00		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 13500 PB LBS 13500 SB	LB 13500 P LB 13500 S			KBS 13500 B		KB 13500 B	KR 13500	PB 13500		

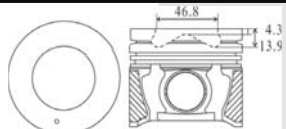

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца			PIN Pin/ Perno/ Пин
CONCERTO 1.8 TD (1994.10-1995.12) 1,769 cc 4 cyl 80.0 mm Bore Ø			Flanged	No flange	Piston		Alfin head anodized	Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	154.0 83.0 86.0 4.5	154.0 83.0	Length: Comp. height:	84.5 46.8 -1.85		Top: 2nd: oil:	3.0 2.0 3.0	Ø: Length:	28.0 68.0
		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
							A-A350536 K-90354600 M-0397300 N-8732360000	A-R49910 G-0832360000 K-800003340000 M-03973N0			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 13550 PA LBS 13550 SA	LB 13550 P LB 13550 S			KBS 13550 A		KB 13550 A	KR 13550	PB 13550		

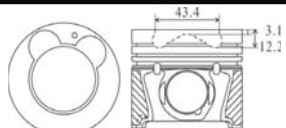

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца			PIN Pin/ Perno/ Пин
20T2N TURBO 20T2R TURBO ACCORD CIVIC 2.0 TDI - also for ROVER 1,994 cc 4 cyl 84.45 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	158.5 88.0 90.5 4.0	158.5 88.0	Length: Comp. height:	76.97 47.97 -5.0 -17.0		Top: 2nd: oil:	3.0 2.0 3.0	Ø: Length:	30.0 70.0
		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
							13000-P5T-G00 A-A350500 K-94401600 M-2014500	13011-P5T-G00 G-0811980000 A-R49390 K-800023640000			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 13600 PA LBS 13600 SA	LB 13600 P LB 13600 S			KBS 13600 A		KB 13600 A	KR 13600	PB 13600		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ штулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
N22A1/ N22A2 ACCORD CR-V 2.2DI-CTDI 2,204 cc 4 cyl 85.0 mm Bore Ø			Flanged	No flange	Piston Alfin and with oil gallery skirt MOS2 treated	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:				Length: Comp. height:	73.0 47.0 -4.7 -15.8	Top: 2nd: oil:
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	
						13010-RMA-E00 13020-RMA-E00 13030-RMA-E00	13011-RMA-E01 13011-RSR-E01 13021-RMA-E01 13021-RSR-E01	
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 78000 PB LBS 78000 SB	LB 78000 P LB 78000 S		KBS 78000 B	KB 78000 B	KR 78000	PB 78000	

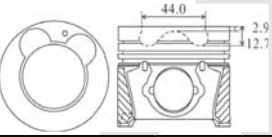



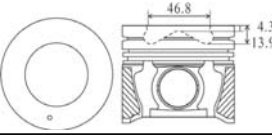

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
D3FA GETZ 1.1 CRDI 1,119 cc 3 cyl 75.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	142.0 78.0 80.0 4.0	142.0 78.0	Length: Comp. height:	65.7 42.0 -3.1 -12.2	Top: 2nd: oil:	1.75 1.75 3.0	Ø: Length:	28.0 60.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 68500 PB LBS 68500 SB	LB 68500 P LB 68500 S		KBS 68500 B		KB 68500 B		KR 68500		PB 68500	

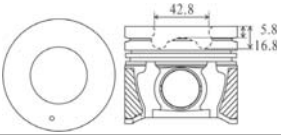

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
D3EA ACCENT GETZ MATRIX 1.5 CRDI 1,493 cc 3 cyl 83.0 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated pin bushing inserted		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	153.5 86.0 89.0 4.8	153.5 86.0	Length: Comp. height:	72.3 46.3 -4.3 -13.9	Top: 2nd: oil:	2.0 2.0 3.0	Ø: Length:	28.0 65.5	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 44000 PA LBS 44000 SA	LB 44000 P LB 44000 S		KBS 44000 A		KB 44000 A		KR 44000		PB 44000	

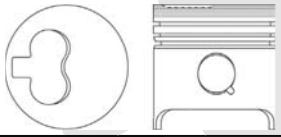

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
D4FA 1,493 cc 4 cyl 75.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	142.0 78.0 80.0 4.0	142.0 78.0	Length: Comp. height:	65.7 42.0 -3.1 -12.2	Top: 2nd: oil:	1.75 1.75 3.0	Ø: Length:	28.0 60.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 69500 PB LBS 69500 SB	LB 69500 P LB 69500 S		KBS 69500 B		KB 69500 B		KR 69500		PB 69500	

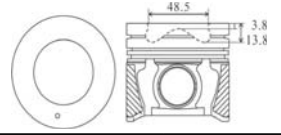

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
D4FC CRDi I20 1.4 1,396 cc 4 cyl 75.0 mm Bore Ø			Liner/ Sleeve	Piston	Alfin and with oil gallery	Rings	Ø : Length:
		Length: Outside Ø: Flange Ø: Flange depth:	Length: Comp. height:				
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
				O-Ring:			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
				KBS 39600 B	KB 39600 B		

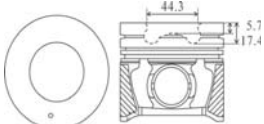

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
D4FB D4FB 1,582 cc 4 cyl 77.2 mm Bore Ø			Flanged	No flange	Piston	Alfin and with oil gallery skirt MOS2 treated	Rings	Ø : Length:
		Length: Outside Ø: Flange Ø: Flange depth:	Length: Comp. height:	65.7 42.0 -2.9 -12.7				
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
					23410-2A961 23410-2A962 23410-2A963 23410-2A964 23410-2A965	23040-2A960 23040-2A961 23040-2A962	23517-2A600	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
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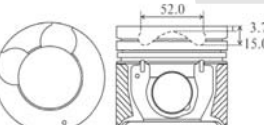

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
D4EA ELANTRA SANTA FE 2.0 CRDi 1,991 cc 4 cyl 83.0 mm Bore Ø			Flanged	No flange	Piston	Alfin skirt MOS2 treated pin bushing inserted	Rings	Ø : Length:	
		Length: Outside Ø: Flange Ø: Flange depth:	Length: Comp. height:	153.5 86.0 89.0 4.8					153.5 86.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:			
					23410-27901 23410-27903 23410-27904 23410-27921 23410-27923 23410-27924	23040-27900 23040-27901 23040-27902 23040-27910 23040-27911/2 23040-27920/1/2	23517-27000		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 24000 PA LBS 24000 SA	LB 24000 P LB 24000 S		KBS 24000 A	KB 24000 A	KR 24000	PB 24000		



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
D4EA New 1,991 cc 4 cyl 83.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>153.5</td> <td>153.5</td> </tr> <tr> <td>Outside Ø:</td> <td>86.0</td> <td>86.0</td> </tr> <tr> <td>Flange Ø:</td> <td>89.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>4.8</td> <td></td> </tr> </table>		Flanged	No flange	Length:	153.5	153.5	Outside Ø:	86.0	86.0	Flange Ø:	89.0		Flange depth:	4.8		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>72.3</td> </tr> <tr> <td>Comp. height:</td> <td>46.3</td> </tr> <tr> <td></td> <td>-5.8</td> </tr> <tr> <td></td> <td>-16.8</td> </tr> </table>	Piston		Length:	72.3	Comp. height:	46.3		-5.8		-16.8	Alfin and with oil gallery skirt MOS2 treated pin bushing inserted	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>	Rings		Top:	2.0	2nd:	2.0	oil:	3.0	<table border="1"> <tr> <td>Ø:</td> <td>28.0</td> </tr> <tr> <td>Length:</td> <td>65.5</td> </tr> </table>	Ø:	28.0	Length:	65.5
				Flanged	No flange																																						
Length:	153.5	153.5																																									
Outside Ø:	86.0	86.0																																									
Flange Ø:	89.0																																										
Flange depth:	4.8																																										
Piston																																											
Length:	72.3																																										
Comp. height:	46.3																																										
	-5.8																																										
	-16.8																																										
Rings																																											
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2nd:	2.0																																										
oil:	3.0																																										
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Length:	65.5																																										
	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																						
				23410-27930	23040-27900 23040-27901 23040-27902 23040-27910 23040-27911/2 23040-27920/1/2	23517-27000																																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
	LBS 24001 PB LBS 24001 SB	LB 24001 P LB 24001 S	KBS 24001 B	KB 24001 B	KR 24001	PB 24001																																					


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																			
DJY XUD 9A ELANTRA LANTRA 1.9 D 1,905 cc 4 cyl 83.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>153.5</td> <td>153.5</td> </tr> <tr> <td>Outside Ø:</td> <td>86.0</td> <td>86.0</td> </tr> <tr> <td>Flange Ø:</td> <td>89.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>4.8</td> <td></td> </tr> </table>		Flanged	No flange	Length:	153.5	153.5	Outside Ø:	86.0	86.0	Flange Ø:	89.0		Flange depth:	4.8		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>84.3</td> </tr> <tr> <td>Comp. height:</td> <td>46.8</td> </tr> <tr> <td></td> <td>-2.2</td> </tr> </table>	Piston		Length:	84.3	Comp. height:	46.8		-2.2		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>	Rings		Top:	2.0	2nd:	2.0	oil:	3.0	<table border="1"> <tr> <td>Ø:</td> <td>25.0</td> </tr> <tr> <td>Length:</td> <td>72.0</td> </tr> </table>	Ø:	25.0	Length:	72.0
				Flanged	No flange																																				
Length:	153.5	153.5																																							
Outside Ø:	86.0	86.0																																							
Flange Ø:	89.0																																								
Flange depth:	4.8																																								
Piston																																									
Length:	84.3																																								
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Top:	2.0																																								
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oil:	3.0																																								
Ø:	25.0																																								
Length:	72.0																																								
	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																			
	K-93648970 M-0392490 M-0392491	K-89184190 M-039VV21 M-039VV32	A-350709 K-93648700 M-0392400 N-8715200010		A-R66390 G-0815200000 K-800003740000 M-03924N0																																				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																			
	LBS 39800 P LBS 39800 S	LB 39800 P LB 39800 S	KBS 39800	KB 39800	KR 39800	PB 39800																																			


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
D4EA SANTA FE 1,991 cc 4 cyl 83.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>153.5</td> <td>153.5</td> </tr> <tr> <td>Outside Ø:</td> <td>86.0</td> <td>86.0</td> </tr> <tr> <td>Flange Ø:</td> <td>89.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>4.8</td> <td></td> </tr> </table>		Flanged	No flange	Length:	153.5	153.5	Outside Ø:	86.0	86.0	Flange Ø:	89.0		Flange depth:	4.8		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>72.3</td> </tr> <tr> <td>Comp. height:</td> <td>46.3</td> </tr> <tr> <td></td> <td>-3.8</td> </tr> <tr> <td></td> <td>-13.8</td> </tr> </table>	Piston		Length:	72.3	Comp. height:	46.3		-3.8		-13.8	Alfin and with oil gallery skirt MOS2 treated pin bushing inserted	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>	Rings		Top:	2.0	2nd:	2.0	oil:	3.0	<table border="1"> <tr> <td>Ø:</td> <td>28.0</td> </tr> <tr> <td>Length:</td> <td>65.5</td> </tr> </table>	Ø:	28.0	Length:	65.5
				Flanged	No flange																																						
Length:	153.5	153.5																																									
Outside Ø:	86.0	86.0																																									
Flange Ø:	89.0																																										
Flange depth:	4.8																																										
Piston																																											
Length:	72.3																																										
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Top:	2.0																																										
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oil:	3.0																																										
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				23410-27910	23040-27900 23040-27901 23040-27902 23040-27910 23040-27911/2 23040-27920/1/2	23517-27000																																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
	LBS 39850 PB LBS 39850 SB	LB 39850 P LB 39850 S	KBS 39850 B	KB 39850 B	KR 39850	PB 39850																																					


ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
D4EB-F D4EB-G SANTA FE 2.2 CRDI 2,188 cc 4 cyl 87.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated pin bushing inserted	Rings		Ø : 28.0 Length: 72.0
		Length: 162.0 Outside Ø: 91.05 Flange Ø: 92.5 Flange depth: 4.0	162.0 91.05	Length: 72.3 Comp. height: 46.3 -5.7 -17.4	Reference no.:	Reference no.:		Reference no.:	Reference no.:	
						23410-27940 23410-27941 23410-27942 23410-27943 23410-27944	23040-27940 23040-27941 23040-27942	23517-27000		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 71500 PB LBS 71500 SB	LB 71500 P LB 71500 S		KBS 71500 B		KB 71500 B	KR 71500	PB 71500		


ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
D4CB CRDi PORTER II 2,497 cc 4 cyl 91.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : 33.0 Length: 75.0
		Length: 170.5 Outside Ø: 94.15 Flange Ø: 98.15 Flange depth: 2.0	170.5 94.15	Length: 83.7 Comp. height: 54.2 -3.7 -15.0	Reference no.:	Reference no.:		Reference no.:	Reference no.:	
						23410-4A900 23410-4A901 23410-4A902 23410-4A910 23410-4A911 23410-4A912 23410-4A913 23410-4A914	23040-4A900 23040-4A901 23040-4A902 23040-4A910 23040-4A911 23040-4A912			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 25000 PB LBS 25000 SB	LB 25000 P LB 25000 S		KBS 25000 B		KB 25000 B	KR 25000	PB 25000		


ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
D4BA H100 PORTER 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 29.0 Length: 75.0
		Length: 165.0 Outside Ø: 94.2 Flange Ø: 98.1 Flange depth: 2.0	165.0 94.2	Length: 88.7 Comp. height: 48.7 -2.2 -3.5	Reference no.:	Reference no.:		Reference no.:	Reference no.:	
						23410-42201 23410-42211 23410-42221	23040-42200 23040-42202 23040-42210	23517-42001		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 40000 P LBS 40000 S LBS 40000 PA LBS 40000 SA	LB 40000 P LB 40000 S		KBS 40000 KBS 40000 A		KB 40000 KB 40000 A	KR 40000	PB 40000		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
D4BB 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Alfin Skirt MOS2 treated	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2	Length: Comp. height:	76.2 46.2 -2.2 -3.4		Top: 2nd: oil:	2.0 2.0 3.0	Ø: Length:
		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:		Reference no.:
		21131-42001				23410-42202 23410-42701 23410-42711 23410-42721	23040-42200 23040-42202 23040-42210	23517-42001		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
		LBS 40050 PA LBS 40050 SA		LB 40050 P LB 40050 S		KBS 40050 A	KB 40050 A	KR 40050		PB 40050

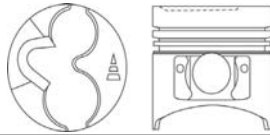

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
D4BF 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2	Length: Comp. height:	88.7 48.7 -2.3 -2.6		Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:
		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:		Reference no.:
		21131-42001				23410-42850 23410-42860 23410-42870	23040-42510 23040-42520 23040-42521 23040-42530 23040-42850 23040-42851	23517-42001		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
		LBS 40100 PA LBS 40100 SA		LB 40100 P LB 40100 S		KBS 40100 A	KB 40100 A	KR 40100		PB 40100

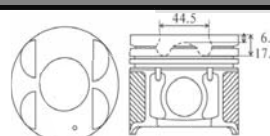

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
D4BX H100 GRACE PORTER 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Reference no.:	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2	Length: Comp. height:	88.7 48.7 -0.4 -3.4		Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:
		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:		Reference no.:
		21131-42001				23410-42000 23410-42010 23410-42020 23410-42901 23410-42902 23410-42903 23410-42904	23040-42000	23517-42001		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
		LBS 40150 P LBS 40150 S		LB 40150 P LB 40150 S		KBS 40150	KB 40150	KR 40150		PB 40150

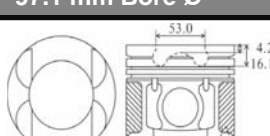

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
D4BX New H100 GRACE PORTER 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length:	165.0	165.0	Length:	88.7	Top:	2.0	Ø:	29.0	
		Outside Ø:	94.2	94.2	Comp. height:	48.7	2nd:	2.0	Length:	75.0	
		Flange Ø:	98.1			oil:	4.0				
		Flange depth:	2.0			Reference no.:		Reference no.:		Reference no.:	
						23410-42030 23410-42040 23410-42050 23410-42911 23410-42912 23410-42913 23410-42914	23040-42010		23517-42001		
		Reference no.:		Reference no.:							
		21131-42001									
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 40200 P LBS 40200 S	LB 40200 P LB 40200 S		KBS 40200		KB 40200	KR 40200	PB 40200			

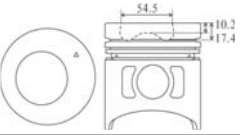

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
D4BH (L/R) 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length:	165.0	165.0	Length:	88.7	Top:	2.5	Ø:	29.0	
		Outside Ø:	94.2	94.2	Comp. height:	48.7	2nd:	2.0	Length:	75.0	
		Flange Ø:	98.1			oil:	4.0				
		Flange depth:	2.0			Reference no.:		Reference no.:		Reference no.:	
						Alfin and with oil gallery	23040-42510 23040-42520 23040-42521 23040-42530 23040-42850 23040-42851		23517-42001		
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		21131-42001				23410-42500 23410-42520 23410-42600 23410-42630 (L/R)		23040-42510 23040-42520 23040-42521 23040-42530 23040-42850 23040-42851		23517-42001	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 40250 PB LBS 40250 SB	LB 40250 P LB 40250 S		KBS 40250 B		KB 40250 B	KR 40250	PB 40250			

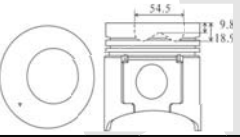

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
D4BH TCi (L/R) 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length:	165.0	165.0	Length:	88.7	Top:	2.5	Ø:	29.0	
		Outside Ø:	94.2	94.2	Comp. height:	48.7	2nd:	2.0	Length:	75.0	
		Flange Ø:	98.1			oil:	4.0				
		Flange depth:	2.0			Reference no.:		Reference no.:		Reference no.:	
						Alfin and with oil gallery	23040-42510 23040-42520 23040-42521 23040-42530 23040-42850 23040-42851		23517-42001		
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		21131-42001				23410-42540 23410-42544 (L/R)		23040-42510 23040-42520 23040-42521 23040-42530 23040-42850 23040-42851		23517-42001	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 40300 PB LBS 40300 SB	LB 40300 P LB 40300 S		KBS 40300 B		KB 40300 B	KR 40300	PB 40300			

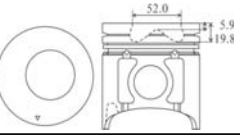

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																			
D4BH (L/R) (2001-2004) 2,476 cc 4 cyl 91.1 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>165.0</td> <td>165.0</td> </tr> <tr> <td>Outside Ø:</td> <td>94.2</td> <td>94.2</td> </tr> <tr> <td>Flange Ø:</td> <td>98.1</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.0</td> <td></td> </tr> </table>		Flanged	No flange	Length:	165.0	165.0	Outside Ø:	94.2	94.2	Flange Ø:	98.1		Flange depth:	2.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>88.7</td> </tr> <tr> <td>Comp. height:</td> <td>48.7</td> </tr> <tr> <td></td> <td>-3.0</td> </tr> </table>	Piston		Length:	88.7	Comp. height:	48.7		-3.0	Alfin and with oil gallery	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.0	oil:	4.0	<table border="1"> <tr> <td>Ø:</td> <td>29.0</td> </tr> <tr> <td>Length:</td> <td>75.0</td> </tr> </table>	Ø:	29.0	Length:	75.0
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	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																				
	21131-42001			23411-42600 23411-42610 1+3 23411-42620 23411-42630 23411-42640 23411-42650	23040-42510 23040-42520 23040-42521 23040-42530 23040-42850 23040-42851	23517-42001																																			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																			
	LBS 40350 PB LBS 40350 SB	LB 40350 P LB 40350 S	KBS 40350 B	KB 40350 B	KR 40350	PB 40350																																			

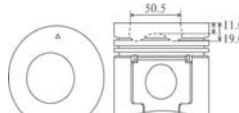

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
J3 Tci 2,902 cc 4 cyl 97.1 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>168.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>101.5</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>107.25</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td>+0.7</td> </tr> </table>		Liner/ Sleeve		Length:	168.5		Outside Ø:	101.5		Flange Ø:	107.25		Flange depth:	5.0	+0.7	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>84.0</td> </tr> <tr> <td>Comp. height:</td> <td>52.0</td> </tr> <tr> <td></td> <td>-6.1</td> </tr> <tr> <td></td> <td>-17.8</td> </tr> </table>	Piston		Length:	84.0	Comp. height:	52.0		-6.1		-17.8	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>	Rings		Top:	2.0	2nd:	2.0	oil:	3.0	<table border="1"> <tr> <td>Ø:</td> <td>32.0</td> </tr> <tr> <td>Length:</td> <td>78.0</td> </tr> </table>	Ø:	32.0	Length:	78.0
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Length:	78.0																																										
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
	LBS 26000 FB LBS 26000 SB	LB 26000 F (phosphated) LB 26000 S	KBS 26000 B	KB 26000 B	KR 26000	PB 26000																																					

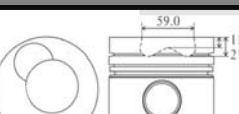

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
J3 CRDi New 2,902 cc 4 cyl 97.1 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>168.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>101.5</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>107.25</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td>+0.7</td> </tr> </table>		Liner/ Sleeve		Length:	168.5		Outside Ø:	101.5		Flange Ø:	107.25		Flange depth:	5.0	+0.7	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>84.1</td> </tr> <tr> <td>Comp. height:</td> <td>52.1</td> </tr> <tr> <td></td> <td>-4.2</td> </tr> <tr> <td></td> <td>-16.1</td> </tr> </table>	Piston		Length:	84.1	Comp. height:	52.1		-4.2		-16.1	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.0	oil:	3.0	<table border="1"> <tr> <td>Ø:</td> <td>32.0</td> </tr> <tr> <td>Length:</td> <td>78.0</td> </tr> </table>	Ø:	32.0	Length:	78.0
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
D4AE D4AL			Flanged	No flange	Piston			Rings		Ø : 34.0 Length: 84.0
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 104.0 109.0 5.0	191.0 104.0	Length: Comp. height:	110.6 60.7 -10.2 -17.4				
3,298 cc 4 cyl 100.0 mm Bore Ø										
										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 44450 PA LBS 44450 SA	LB 44450 P LB 44450 S			KBS 44450 A		KB 44450 A	KR 44450		PB 44450


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
D4AF			Flanged	No flange	Piston			Rings		Ø : 34.0 Length: 84.0
		Length: Outside Ø: Flange Ø: Flange depth:	192.0 107.0 113.0 4.0	192.0 107.0	Length: Comp. height:	110.7 60.7 -9.8 -18.9				
K-1 3,568 cc 4 cyl 104.0 mm Bore Ø										
										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 40550 PA LBS 40550 SA	LB 40550 P LB 40550 S			KBS 40550 A		KB 40550 A	KR 40550		PB 40550



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
D4DA			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : 36.0 Length: 88.0
		Length: Outside Ø: Flange Ø: Flange depth:	200.0 108.0 113.0 4.0	200.0 108.0	Length: Comp. height:	112.2 62.2 -5.9 -19.8				
HD65 HD72 (1998.10-2004.09) 3,907 cc 4 cyl 104.0 mm Bore Ø										
										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 40600 PB LBS 40600 SB	LB 40600 P LB 40600 S			KBS 40600 B		KB 40600 B	KR 40600		PB 40600

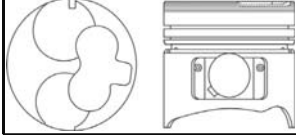

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
D4AF New 3,568 cc 4 cyl 104.0 mm Bore Ø		Flanged	No flange	Piston			Rings		Ø : 34.0 Length: 84.0	
		Length: 192.0 Outside Ø: 107.0 Flange Ø: 113.0 Flange depth: 4.0	192.0 107.0	Length: 110.7 Comp. height: 60.7 -11.0 -19.0	Top: 3.0 2nd: 2.0 oil: 4.0					
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		21131-41200			23410-41210 23411-41210	23040-41200 23040-46020	23517-41310			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
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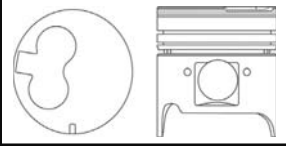

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
D6BR 5/8 TON TRUCK • AERO CITY • AERO TOWN 1998-2002 cc cyl mm Bore Ø		Liner/ Sleeve		Piston			Rings		Ø : 38.0 Length: 92.0	
		Length: 205.0 Outside Ø: 122.0 Flange Ø: 128.0 Flange depth: 8.0		Length: 116.1 Comp. height: 71.1 -11.8 -21.8	Top: 3.0 2nd: 2.5 oil: 4.0					
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		21131-93000			23411-93002	23040-93000	23517-93032			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 40700 FA	LB 40700 F (phosphated)		KBS 40700 A	KB 40700 A	KR 40700	PB 40700			

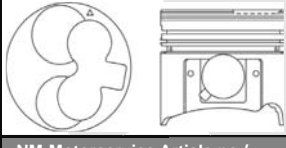



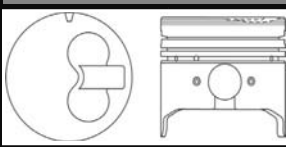

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
3KR1 1,422 cc 3 cyl 81.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø : Length:
		Length: Outside Ø: Flange Ø: Flange depth:					Length: Comp. height:	Top: 2nd: oil:	
		Reference no.:				Reference no.:	Reference no.:	Reference no.:	
						8-94176-892-0	5-12121-029-0 8-94421-650-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 13700 PA LBS 13700 SA	LB 13700 P LB 13700 S			KBS 13700 A	KB 13700 A	KR 13700	PB 13700	

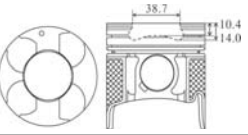

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4EC1 also for OPEL CORSA A/B 1.5 TD 1,487 cc 4 cyl 76.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø : Length:
		Length: Outside Ø: Flange Ø: Flange depth:	145.0 80.0 84.0 5.0	140.0 80.0			Length: Comp. height:	71.7 41.7 -1.6	
		Reference no.:				Reference no.:	Reference no.:	Reference no.:	
						8-94129-828-0	8-94144-187-0 8-94332-767-1 8-94342-490-0	8-94251-216-1	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
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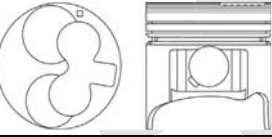

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4EC1T also for OPEL CORSA A/B 1.5TD 1,487 cc 4 cyl 76.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø : Length:
		Length: Outside Ø: Flange Ø: Flange depth:	145.0 80.0 84.0 5.0	140.0 80.0			Length: Comp. height:	71.7 41.7 -1.2	
		Reference no.:				Reference no.:	Reference no.:	Reference no.:	
						8-94149-276-4	8-94144-187-0 8-94332-767-1 8-94342-490-0	5-12251-007-0 8-94114-054-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 13800 PA LBS 13800 SA	LB 13800 P LB 13800 S			KBS 13800 A	KB 13800 A	KR 13800	PB 13800	

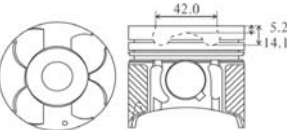

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4FE1 (1985-1995) 1,487 cc 4 cyl 76.3 mm Bore Ø			Flanged	No flange	Piston Length: 80.0 Comp. height: 45.0 -2.3	Rings		Ø: 25.0 Length: 63.0
		Length: 80.0 Outside Ø: 45.0 Flange Ø: Flange depth: -2.3				Top: 2.0 2nd: 2.0 oil: 4.0		
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	
						8-94619-747-1 8-94619-752-1 8-94459-384-0 8-94463-219-0 8-94463-220-0 8-94463-229-0 8-94463-230-0 8-94463-237-0 8-94463-238-0	8-94169-748-0 8-94169-753-0 8-94459-462-0 8-94463-221-0 8-94463-222-0 8-94463-231-0 8-94463-232-0 8-94463-239-0 8-94463-240-0	5-12251-007-0 8-94114-054-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 13850 P LBS 13850 S	LB 13850 P LB 13850 S		KBS 13850	KB 13850	KR 13850	PB 13850	

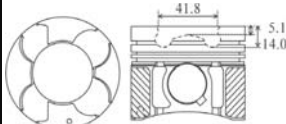

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4EE1T also for OPEL 17 TD 1,686 cc 4 cyl 79.0 mm Bore Ø			Flanged	No flange	Piston Length: 69.7 Comp. height: 39.7 -0.5 -1.5	Rings		Ø: 27.0 Length: 64.0
		Length: 144.0 Outside Ø: 83.0 Flange Ø: 87.0 Flange depth: 2.0	144.0	83.0		Top: 2.0 2nd: 1.5 oil: 3.0		
		LB 13900 S - 1:			Reference no.:	Reference no.:	Reference no.:	
		Length: 144.0 Outside Ø: 83.0 Flange Ø: 87.0 Flange depth: 2.0			8-97043-772-0 8-97043-773-0	8-94381-709-0 8-94381-709-1	8-94369-904-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 13900 PA LBS 13900 SA	LB 13900 P LB 13900 S LB 13900 S - 1		KBS 13900 A	KB 13900 A	KR 13900	PB 13900	

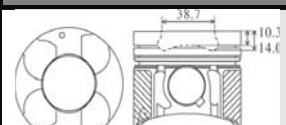

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4EE1 1,686 cc 4 cyl 79.0 mm Bore Ø			Flanged	No flange	Piston Length: 79.7 Comp. height: 39.7 -1.7	Rings		Ø: 25.0 Length: 60.0
		Length: 144.0 Outside Ø: 83.0 Flange Ø: 87.0 Flange depth: 2.0	144.0	83.0		Top: 2.0 2nd: 1.5 oil: 3.0		
		LB 13950 S - 1:			Reference no.:	Reference no.:	Reference no.:	
		Length: 137.0 Outside Ø: 82.0 Flange Ø: 84.0 Flange depth: 4.0			8-97129-437-0 8-97129-437-1 8-97129-437-2	8-94381-709-0 8-94381-709-1	8-94114-054-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 13950 PA LBS 13950 SA	LB 13950 P LB 13950 S LB 13950 S - 1		KBS 13950 A	KB 13950 A	KR 13950	PB 13950	

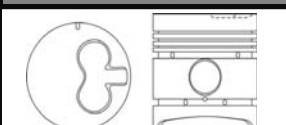

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4EE1T New also for OPEL Y 17 DT/L 1,686 cc 4 cyl 79.0 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	144.0 83.0 87.0 2.0	144.0 83.0	Length: Comp. height:	84.0 39.7 -10.4 -14.0		Top: 2nd: oil:	2.0 1.5 3.0	Ø: Length:
		LB 14000 S - 1:					Reference no.:	Reference no.:	Reference no.:	
		Length: Outside Ø: Flange Ø: Flange depth:	137.0 82.0 84.0 4.0				8-97188-927-2	8-94381-709-0 8-94381-709-1	8-94369-904-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 37150 PA LBS 37150 SA	LB 37150 P LB 37150 S LB 37150 S - 1			KBS 37150 A		KB 37150 A	KR 37150		PB 37150



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4EE1 New 1,686 cc 4 cyl 79.0 mm Bore Ø			Flanged	No flange	Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	144.0 83.0 87.0 2.0	144.0 83.0	Length: Comp. height:	79.7 39.7 -1.7		Top: 2nd: oil:	2.0 1.5 3.0	Ø: Length:
		LB 14050 S - 1:					Reference no.:	Reference no.:	Reference no.:	
		Length: Outside Ø: Flange Ø: Flange depth:	137.0 82.0 84.0 4.0				8-97142-379-0	8-94381-709-0 8-94381-709-1	8-94114-054-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 14050 PA LBS 14050 SA	LB 14050 P LB 14050 S LB 14050 S - 1			KBS 14050 A		KB 14050 A	KR 14050		PB 14050

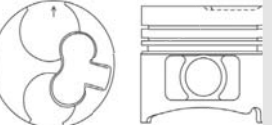

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4EE1T New also for OPEL Z 17 DTL 1,686 cc 4 cyl 79.0 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	144.0 83.0 87.0 2.0	144.0 83.0	Length: Comp. height:	74.0 39.8 -5.2 -14.1		Top: 2nd: oil:	2.0 1.5 3.0	Ø: Length:
		LB 14100 S - 1:					Reference no.:	Reference no.:	Reference no.:	
		Length: Outside Ø: Flange Ø: Flange depth:	137.0 82.0 84.0 4.0				8-97300-110-0 S623199 S623200 S623201 S623283 S623284 S623285	8-94381-709-0 8-94381-709-1	8-94369-904-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 14100 PA LBS 14100 SA	LB 14100 P LB 14100 S LB 14100 S - 1			KBS 14100 A		KB 14100 A	KR 14100		PB 14100

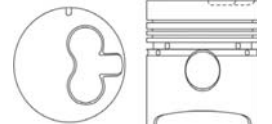

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																	
4EE2 CDTi also for OPEL Z 17 DTH 1,686 cc 4 cyl 79.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>144.0</td> <td>144.0</td> </tr> <tr> <td>Outside Ø:</td> <td>83.0</td> <td>83.0</td> </tr> <tr> <td>Flange Ø:</td> <td>87.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.0</td> <td></td> </tr> </table>		Flanged	No flange	Length:	144.0	144.0	Outside Ø:	83.0	83.0	Flange Ø:	87.0		Flange depth:	2.0		<table border="1"> <tr> <td>Length:</td> <td>64.7</td> </tr> <tr> <td>Comp. height:</td> <td>39.7</td> </tr> <tr> <td></td> <td>-5.1</td> </tr> <tr> <td></td> <td>-14.0</td> </tr> </table>	Length:	64.7	Comp. height:	39.7		-5.1		-14.0	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td>Top:</td> <td>2.0</td> <td rowspan="2">Ø:</td> <td rowspan="2">27.0</td> </tr> <tr> <td>2nd:</td> <td>1.5</td> </tr> <tr> <td>oil:</td> <td>3.0</td> <td>Length:</td> <td>64.0</td> </tr> </table>	Top:	2.0	Ø:	27.0	2nd:	1.5	oil:	3.0	Length:	64.0	
			Flanged	No flange																																			
Length:	144.0	144.0																																					
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oil:	3.0	Length:	64.0																																				
		LB 14150 S - 1: <table border="1"> <tr> <td>Length:</td> <td>137.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>82.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>84.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>4.0</td> <td></td> </tr> </table>	Length:	137.0		Outside Ø:	82.0		Flange Ø:	84.0		Flange depth:	4.0			Reference no.: 8-97329-296-1	Reference no.: 8-94381-709-0 8-94381-709-1	Reference no.: 8-94369-904-0																					
Length:	137.0																																						
Outside Ø:	82.0																																						
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																	
	LBS 14150 PB LBS 14150 SB	LB 14150 P LB 14150 S LB 14150 S - 1	KBS 14150 B	KB 14150 B	KR 14150	PB 14150																																	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																	
4EE2 also for OPEL Y 17 DT/L 1,686 cc 4 cyl 79.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>144.0</td> <td>144.0</td> </tr> <tr> <td>Outside Ø:</td> <td>83.0</td> <td>83.0</td> </tr> <tr> <td>Flange Ø:</td> <td>87.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.0</td> <td></td> </tr> </table>		Flanged	No flange	Length:	144.0	144.0	Outside Ø:	83.0	83.0	Flange Ø:	87.0		Flange depth:	2.0		<table border="1"> <tr> <td>Length:</td> <td>64.7</td> </tr> <tr> <td>Comp. height:</td> <td>39.7</td> </tr> <tr> <td></td> <td>-5.1</td> </tr> <tr> <td></td> <td>-14.0</td> </tr> </table>	Length:	64.7	Comp. height:	39.7		-5.1		-14.0	Alfin skirt MOS2 treated	<table border="1"> <tr> <td>Top:</td> <td>2.0</td> <td rowspan="2">Ø:</td> <td rowspan="2"></td> </tr> <tr> <td>2nd:</td> <td>1.5</td> </tr> <tr> <td>oil:</td> <td>3.0</td> <td>Length:</td> <td>64.0</td> </tr> </table>	Top:	2.0	Ø:		2nd:	1.5	oil:	3.0	Length:	64.0	
			Flanged	No flange																																			
Length:	144.0	144.0																																					
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oil:	3.0	Length:	64.0																																				
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Length:	137.0																																						
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Flange Ø:	84.0																																						
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																	
	LBS 14200 PA LBS 14200 SA	LB 14200 P LB 14200 S LB 14200 S - 1	KBS 14200 A	KB 14200 A	KR 14200	PB 14200																																	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																							
C221 2,207 cc 4 cyl 83.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>174.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>86.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>92.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>1.4</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	174.5		Outside Ø:	86.0		Flange Ø:	92.0		Flange depth:	1.4		<table border="1"> <tr> <td>Length:</td> <td>95.5</td> </tr> <tr> <td>Comp. height:</td> <td>48.5</td> </tr> <tr> <td></td> <td>-3.0</td> </tr> </table>	Length:	95.5	Comp. height:	48.5		-3.0		<table border="1"> <tr> <td>Top:</td> <td>2.0</td> <td rowspan="2">Ø:</td> <td rowspan="2">25.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>3rd:</td> <td>2.0</td> <td>Length:</td> <td>72.5</td> </tr> <tr> <td>1st oil:</td> <td>5.0</td> <td></td> <td></td> </tr> <tr> <td>2nd oil:</td> <td>5.0</td> <td></td> <td></td> </tr> </table>	Top:	2.0	Ø:	25.0	2nd:	2.0	3rd:	2.0	Length:	72.5	1st oil:	5.0			2nd oil:	5.0			
			Liner/ Sleeve																																										
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1st oil:	5.0																																												
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																							
	LBS 14250 C	LB 14250 C	KBS 14250	KB 14250	KR 14250	PB 14250																																							


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4FB1 1,817 cc 4 cyl 84.0 mm Bore Ø			Flanged	No flange	Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	172.0 88.0 92.0 4.0	150.0 88.0	Length: Comp. height:	74.8 44.7 -1.8		Top: 2nd: oil:	2.5 2.0 4.0	
		Reference no.:					Reference no.:	Reference no.:	Reference no.:	
		5-11261-119-0					8-94201-492-0 8-94228-886-2 8-94235-962-0	8-94139-973-0 8-94224-221-0	5-12271-007-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 14300 P LBS 14300 S	LB 14300 P LB 14300 S			KBS 14300		KB 14300	KR 14300	PB 14300	

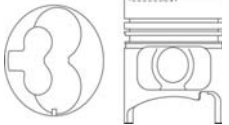

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4FC1 1,995 cc 4 cyl 84.0 mm Bore Ø			Flanged	No flange	Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	172.0 88.0 92.0 4.0	150.0 88.0	Length: Comp. height:	76.6 46.6 -2.2		Top: 2nd: oil:	2.5 2.0 4.0	
		Reference no.:					Reference no.:	Reference no.:	Reference no.:	
		5-11261-119-0					8-94111-655-1 8-94228-887-0 8-94228-887-1	8-94139-973-0 8-94224-221-0	5-12271-007-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 14350 P LBS 14350 S	LB 14350 P LB 14350 S			KBS 14350		KB 14350	KR 14350	PB 14350	

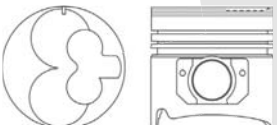

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
C240 4 Rings Early 2,369 cc 4 cyl 86.0 mm Bore Ø	C = chromed S = cast iron		chrome	cast iron	Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	178.5 88.0 94.0 0.9	178.0 90.1 94.0 4.0	Length: Comp. height:	95.5 51.5 -3.0		Top: 2nd: 3rd: oil:	2.0 2.0 2.0 5.0	
		Reference no.:					Reference no.:	Reference no.:	Reference no.:	
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 14400 C LBS 14400 S	LB 14400 C (chromed) LB 14400 S (cast iron)			KBS 14400		KB 14400	KR 14400	PB 14400	

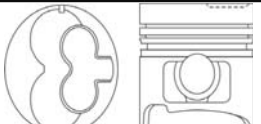

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
C240 4 Rings 2,369 cc 4 cyl 86.0 mm Bore Ø	C = chromed S = cast iron		chrome	cast iron	Piston		Rings		Ø: Length:	27.0 72.2
		Length: Outside Ø: Flange Ø: Flange depth:	178.5 88.0 94.0 0.9	178.0 90.1 94.0 4.0	Length: Comp. height:	95.5 51.5 -3.0	Top: 2nd: 3rd: oil:	2.0 2.0 2.0 5.0		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		9-11261-230-0 9-11261-230-1				5-12111-119-0 5-12111-137-0 5-12111-202-0 5-12111-203-0	5-12121-007-0 5-12181-027-0 5-12181-028-0 9-12181-603-0 9-12181-605-0	9-12251-062-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 14450 C LBS 14450 S	LB 14450 C (chromed) LB 14450 S (cast iron)		KBS 14450		KB 14450	KR 14450	PB 14450		

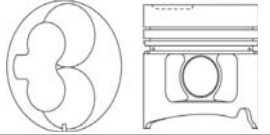

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
C190 4 Rings 1,951 cc 4 cyl 86.0 mm Bore Ø	C = chromed S = cast iron		chrome	cast iron	Piston		Rings		Ø: Length:	27.0 72.2
		Length: Outside Ø: Flange Ø: Flange depth:	163.3 88.0 94.0 0.9	163.0 90.1 94.0 4.0	Length: Comp. height:	95.5 51.5 -3.0	Top: 2nd: 3rd: oil:	2.0 2.0 2.0 5.0		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		9-11261-224-0 9-11261-224-1				5-12111-119-0 5-12111-137-0 5-12111-202-0 5-12111-203-0	5-12121-007-0 5-12181-027-0 5-12181-028-0 9-12181-603-0 9-12181-605-0	9-12251-062-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 14500 C LBS 14500 S	LB 14500 C (chromed) LB 14500 S (cast iron)		KBS 14500		KB 14500	KR 14500	PB 14500		

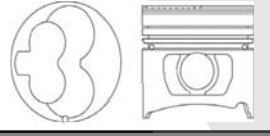

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
C240 3 Rings 2,369 cc 4 cyl 86.0 mm Bore Ø	C = chromed S = cast iron		chrome	cast iron	Piston		Rings		Ø: Length:	27.0 68.0
		Length: Outside Ø: Flange Ø: Flange depth:	178.5 88.0 94.0 0.9	178.0 90.1 94.0 4.0	Length: Comp. height:	96.7 51.7 -1.9	Top: 2nd: oil:	2.5 2.0 5.0		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		9-11261-230-0 9-11261-230-1				5-12111-225-0 5-12111-226-0	5-12121-021-0 8-94104-949-0	5-12251-005-0 5-12251-007-0 9-12251-005-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 14550 C LBS 14550 S	LB 14550 C (chromed) LB 14550 S (cast iron)		KBS 14550		KB 14550	KR 14550	PB 14550		

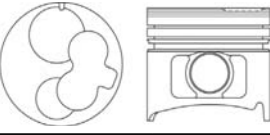

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
C190 3 Rings 1,951 cc 4 cyl 86.0 mm Bore Ø	C = chromed S = cast iron		chrome	cast iron	Piston			Rings		Ø : 27.0 Length: 68.0
		Length: 163.3 Outside Ø: 88.0 Flange Ø: 94.0 Flange depth: 0.9	163.0 90.1 94.0 4.0	Length: 96.7 Comp. height: 51.7 -1.9	Top: 2.5 2nd: 2.0 oil: 5.0					
		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
		9-11261-224-0 9-11261-224-1			5-12111-225-0 5-12111-226-0		5-12121-021-0 8-94104-949-0	5-12251-005-0 5-12251-007-0 9-12251-005-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 14600 C LBS 14600 S	LB 14600 C (chromed) LB 14600 S (cast iron)			KBS 14600		KB 14600	KR 14600		PB 14600

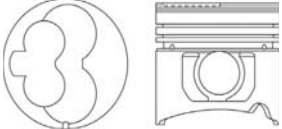

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
C240 3 Rings New 2,369 cc 4 cyl 86.0 mm Bore Ø	C = chromed S = cast iron		chrome	cast iron	Piston			Rings		Ø : 27.0 Length: 68.0
		Length: 178.5 Outside Ø: 88.0 Flange Ø: 94.0 Flange depth: 0.9	178.0 90.1 94.0 4.0	Length: 84.5 Comp. height: 51.5 -0.3 -2.5	Top: 2.5 2nd: 2.0 oil: 5.0					
		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
		9-11261-230-0 9-11261-230-1			8-94326-225-0		5-12121-021-0 8-94104-949-0	5-12251-005-0 5-12251-007-0 9-12251-005-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 14650 CA LBS 14650 SA	LB 14650 C (chromed) LB 14650 S (cast iron)			KBS 14650 A		KB 14650 A	KR 14650		PB 14650

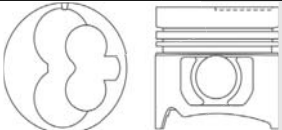

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
C223 Early 2,238 cc 4 cyl 88.0 mm Bore Ø			Liner/ Sleeve		Piston			Rings		Ø : 27.0 Length: 68.2
		Length: 163.0 Outside Ø: 90.0 Flange Ø: 95.0 Flange depth: 0.9		Length: 90.0 Comp. height: 47.5 -2.3	Top: 2.5 2nd: 2.0 oil: 4.5					
		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
		5-11261-015-0 5-11261-015-2 8-94169-883-1			5-12111-212-0		5-12121-017-0 5-12121-024-0	5-12251-005-0 5-12251-007-0 9-12251-005-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 14700 C LBS 14700 CA	LB 14700 C			KBS 14700 KBS 14700 A		KB 14700 KB 14700 A	KR 14700		PB 14700

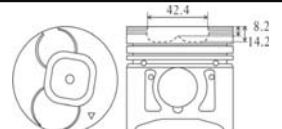

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
C223 New 2,238 cc 4 cyl 88.0 mm Bore Ø	C = chromed S = cast iron	chrome	cast iron	Piston	Rings	Ø : 27.0 Length: 68.0
		Length: 163.0 Outside Ø: 90.0 Flange Ø: 95.0 Flange depth: 0.9	164.0 92.2 96.0 5.0			
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		5-11261-015-0 5-11261-015-2 8-94169-883-1		8-94250-729-0	8-94253-736-0	5-12251-005-0 5-12251-007-0 9-12251-005-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 14750 C LBS 14750 S LBS 14750 CA LBS 14750 SA	LB 14750 C (chromed) LB 14750 S (cast iron)	KBS 14750 KBS 14750 A	KB 14750 KB 14750 A	KR 14750	PB 14750

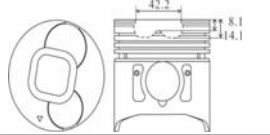

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
C223T 2,238 cc 4 cyl 88.0 mm Bore Ø	C = chromed	Liner/ Sleeve	Piston		Rings	Ø : 29.0 Length: 68.0
		Length: 163.0 Outside Ø: 90.0 Flange Ø: 95.0 Flange depth: 0.9				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		5-11261-015-0 5-11261-015-2 8-94169-883-1		8-94118-826-0	8-94158-084-0	9-12251-062-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 14800 CA	LBS 14500 C (chromed)	KBS 14500 A	KB 14500 A	KR 14500	PB 14500

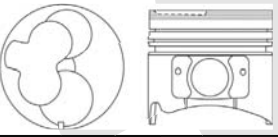

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4FD1 also for OPEL CAMPO 2.2D 2,189 cc 4 cyl 88.0 mm Bore Ø		Flanged	No flange	Piston	Rings	Ø : 27.0 Length: 68.0
		Length: 169.0 Outside Ø: 92.0 Flange Ø: 96.0 Flange depth: 4.0	165.0 92.0			
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		9-11261-230-0 9-11261-230-1		5-12111-225-0 5-12111-226-0	5-12121-021-0 8-94104-949-0	5-12251-005-0 5-12251-007-0 9-12251-005-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 14850 PA LBS 14850 SA	LB 14850 P LB 14850 S	KBS 14850 A	KB 14850 A	KR 14850	PB 14850

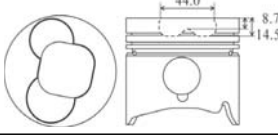

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
C223T		Length: 163.0 Outside Ø: 90.0 Flange Ø: 95.0 Flange depth: 0.9	Liner/ Sleeve		Piston		Alfin and with oil gallery	Rings		Ø : 29.0 Length: 68.0
					Length: 82.8 Comp. height: 47.7 -1.75	Top: 2.5 2nd: 2.0 oil: 4.0				
2,238 cc 4 cyl 88.0 mm Bore Ø										
										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 14900 CB	LB 14900 C		KBS 14900 B		KB 14900 B		KR 14900		PB 14900

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
C223T New		Length: 163.0 Outside Ø: 90.0 Flange Ø: 95.0 Flange depth: 0.9	Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : 29.0 Length: 68.0
					Length: 82.6 Comp. height: 47.6 -1.9	Top: 2.5 2nd: 2.0 oil: 4.0				
2,238 cc 4 cyl 88.0 mm Bore Ø										
										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 14950 CB	LB 14950 C		KBS 14950 B		KB 14950 B		KR 14950		PB 14950

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4JC1		Length: 163.0 Outside Ø: 90.0 Flange Ø: 95.0 Flange depth: 0.9	Flanged	No flange	Piston			Rings		Ø : 31.0 Length: 71.0
					Length: 87.7 Comp. height: 47.8 -14.2	Top: 2.0 2nd: 2.0 oil: 4.0				
2,238 cc 4 cyl 88.0 mm Bore Ø										
										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 44400 CA	LB 44400 C		KBS 44400 A		KB 44400 A		KR 44400		PB 44400

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
C 2.2 2,189 cc 4 cyl 88.0 mm Bore Ø		Flanged	No flange	Piston			Rings		Ø : Length:	31.0 71.0
		Length: Outside Ø: Flange Ø: Flange depth:	152.0 91.55 92.5 4.0	152.0 91.55	Length: Comp. height:		87.8 47.8 -8.1 -14.0	Top: 2nd: 3rd: oil:		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
							8-94417-175-0			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 15050 P LBS 15050 S LBS 15050 PA LBS 15050 SA	LB 15050 P LB 15050 S		KBS 15050 KBS 15050 A		KB 15050 KB 15050 A	KR 15050			

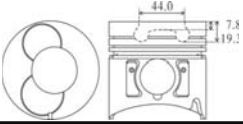

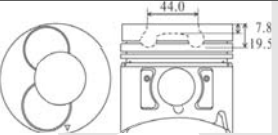

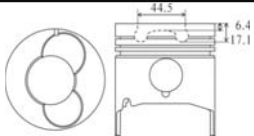

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4FG1 2,380 cc 4 cyl 89.3 mm Bore Ø		Flanged	No flange	Piston			Rings		Ø : Length:	27.0 68.0
		Length: Outside Ø: Flange Ø: Flange depth:	194.5 93.3 97.3 4.0	190.5 93.3	Length: Comp. height:		80.7 47.2 -2.6	Top: 2nd: oil:		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
						8-94454-813-0 8-97073-851-0	8-94469-634-0	8-94247-838-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 15100 PA LBS 15100 SA	LB 15100 P LB 15100 S		KBS 15100 A		KB 15100 A	KR 15100		PB 15100	

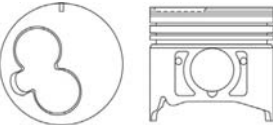

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4JA1 also for OPEL 4JA1 2,499 cc 4 cyl 93.0 mm Bore Ø	NM-Motorservice Article no.:	chrome	cast iron	Piston			Rings		Ø : Length:	31.0 76.0
		Length: Outside Ø: Flange Ø: Flange depth:	156.0 95.0 101.0 0.9	156.3 98.0 102.0 4.0	Length: Comp. height:		87.9 47.9 -8.7 -14.5	Top: 2nd: oil:		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		8-94110-144-0 8-94462-130-0				8-94152-712-1 8-94369-281-0	8-94247-867-0 8-94247-867-1 8-97319-087-0	8-94247-968-0 8-94419-455-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 15150 C LBS 15150 S LBS 15150 CA LBS 15150 SA	LB 15150 C LB 15150 S LB 15150 - 1 C (chromed OD + 0.25) LB 15150 - 2 C (chromed OD + 0.50) LB 15150 - 3 C (chromed OD + 1.00) LB 15150 - AS (cast iron OD: 96.00)		KBS 15150 KBS 15150 A		KB 15150 KB 15150 A	KR 15150		PB 15150	

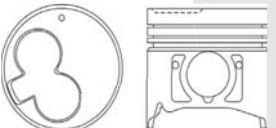

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4JA1 New 2,499 cc 4 cyl 93.0 mm Bore Ø	NM-Motorservice Article no.:		chrome	cast iron	Piston	Rings	Ø : 31.0 Length: 76.0
	LBS 15200-1 CA (chromed OD + 0.25) LBS 15200-2 CA (chromed OD + 0.50) LBS 15200-3 CA (chromed OD + 1.00) LBS 15200-1 SA (cast iron OD: 96.00)	Length: 156.0 Outside Ø: 95.0 Flange Ø: 101.0 Flange depth: 0.9	156.3 98.0 102.0 4.0	Length: 87.8 Comp. height: 47.8 -6.2 -17.4			
	C = chromed S = cast iron	Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:
		8-94110-144-0 8-94462-130-0	8-94436-892-0 8-97089-892-0 8-97109-181-0 8-97176-601-0		8-94247-867-0 8-94247-867-1 8-97319-087-0	8-94247-968-0 8-94419-455-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 15200 C LB 15200 S LB 15200 - 1 C (chromed OD + 0.25) LB 15200 - 2 C (chromed OD + 0.50) LB 15200 - 3 C (chromed OD + 1.00) LB 15200 - AS (cast iron OD: 96.00)	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 15200 CA LBS 15200 SA		KBS 15200 A		KB 15200 A	KR 15200	PB 15200



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4JB1 2,771 cc 4 cyl 93.0 mm Bore Ø	LBS 15250-1 CA (chromed OD + 0.25) LBS 15250-2 CA (chromed OD + 0.50) LBS 15250-3 CA (chromed OD + 1.00) LBS 15250-1 SA (cast iron OD: 96.00)	Length: 181.0 Outside Ø: 95.0 Flange Ø: 101.0 Flange depth: 0.9	181.0 98.0 102.0 4.0	Length: 91.8 Comp. height: 51.8 -8.3 15.5		Top: 2.0 2nd: 2.0 oil: 4.0	Ø : 31.0 Length: 76.0
	C = chromed S = cast iron	Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:
		8-94247-861-0 8-94247-861-2	8-94152-711-0 8-94152-711-1 8-94433-177-0 8-94433-177-1 8-94445-718-0 8-97176-604-0		8-94247-867-0 8-94247-867-1 8-97319-087-0	8-94247-968-0 8-94419-455-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 15250 C LB 15250 S LB 15250 - 1 C (chromed OD + 0.25) LB 15250 - 2 C (chromed OD + 0.50) LB 15250 - 3 C (chromed OD + 1.00) LB 15250 - 1 S (cast iron OD: 96.00)	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 15250 CA LBS 15250 SA		KBS 15250 A		KB 15250 A	KR 15250	PB 15250

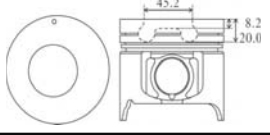

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4JB1T 2,771 cc 4 cyl 93.0 mm Bore Ø	LBS 15300-1 CA (chromed OD + 0.25) LBS 15300-2 CA (chromed OD + 0.50) LBS 15300-3 CA (chromed OD + 1.00) LBS 15300-1 SA (cast iron OD: 96.00)	Length: 181.0 Outside Ø: 95.0 Flange Ø: 101.0 Flange depth: 0.9	181.0 98.0 102.0 4.0	Length: 92.0 Comp. height: 52.0 -7.6 -13.75		Top: 2.0 2nd: 2.0 oil: 4.0	Ø : 34.0 Length: 78.0
		Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:
		8-94247-861-0 8-94247-861-2	8-94340-620-2 8-94369-218-0 8-97176-602-0		8-94247-867-0 8-94247-867-1 8-97319-087-0	8-94457-158-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 15300 C LB 15300 S LB 15300 - 1 C (chromed OD + 0.25) LB 15300 - 2 C (chromed OD + 0.50) LB 15300 - 3 C (chromed OD + 1.00) LB 15300 - 1 S (cast iron OD: 96.00)	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 15300 CA LBS 15300 SA		KBS 15300 A		KB 15300 A	KR 15300	PB 15300

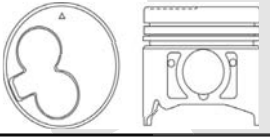

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин															
4JB1T New 2,771 cc 4 cyl 93.0 mm Bore Ø	LBS 15350-1 CA (chromed OD + 0.25) LBS 15350-2 CA (chromed OD + 0.50) LBS 15350-3 CA (chromed OD + 1.00) LBS 15350-1 SA (cast iron OD: 96.00)	<table border="1"> <tr> <td></td> <td>chrome</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>181.0</td> <td>181.0</td> </tr> <tr> <td>Outside Ø:</td> <td>95.0</td> <td>98.0</td> </tr> <tr> <td>Flange Ø:</td> <td>101.0</td> <td>102.0</td> </tr> <tr> <td>Flange depth:</td> <td>0.9</td> <td>4.0</td> </tr> </table>		chrome	No flange	Length:	181.0	181.0	Outside Ø:	95.0	98.0	Flange Ø:	101.0	102.0	Flange depth:	0.9	4.0	Piston Length: 92.0 Comp. height: 52.0 -7.8 -19.3		Rings Top: 2.0 2nd: 2.0 oil: 4.0 Ø: 34.0 Length: 78.0	
			chrome	No flange																	
		Length:	181.0	181.0																	
		Outside Ø:	95.0	98.0																	
Flange Ø:	101.0	102.0																			
Flange depth:	0.9	4.0																			
Reference no.:	8-94247-861-0 8-94247-861-2	Reference no.:	Reference no.:	Reference no.:																	
NM-Motorservice Article no.:		8-94460-887-1 8-97108-621-0	8-94247-867-0 8-94247-867-1 8-97319-087-0	8-94457-158-0																	
NM-Motorservice Article no.:																					
																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 15350 C LB 15350 S LB 15350-1 C (chromed OD + 0.25) LB 15350-2 C (chromed OD + 0.50) LB 15350-3 C (chromed OD + 1.00) LB 15350-1 S (cast iron OD: 96.00)	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:															
	LBS 15350 CA LBS 15350 SA		KBS 15350 A	KB 15350 A	KR 15350	PB 15350															
4JB1 New 2,771 cc 4 cyl 93.0 mm Bore Ø	LBS 15400-1 CA (chromed OD + 0.25) LBS 15400-2 CA (chromed OD + 0.50) LBS 15400-3 CA (chromed OD + 1.00) LBS 15400-1 SA (cast iron OD: 96.00)	<table border="1"> <tr> <td></td> <td>chrome</td> <td>cast iron</td> </tr> <tr> <td>Length:</td> <td>181.0</td> <td>181.0</td> </tr> <tr> <td>Outside Ø:</td> <td>95.0</td> <td>98.0</td> </tr> <tr> <td>Flange Ø:</td> <td>101.0</td> <td>102.0</td> </tr> <tr> <td>Flange depth:</td> <td>0.9</td> <td>4.0</td> </tr> </table>		chrome	cast iron	Length:	181.0	181.0	Outside Ø:	95.0	98.0	Flange Ø:	101.0	102.0	Flange depth:	0.9	4.0	Piston Length: 91.8 Comp. height: 51.8 -7.8 -19.5		Rings Top: 2.0 2nd: 2.0 oil: 4.0 Ø: 31.0 Length: 76.0	
			chrome	cast iron																	
		Length:	181.0	181.0																	
		Outside Ø:	95.0	98.0																	
Flange Ø:	101.0	102.0																			
Flange depth:	0.9	4.0																			
Reference no.:	8-94247-861-0 8-94247-861-2	Reference no.:	Reference no.:	Reference no.:																	
NM-Motorservice Article no.:		8-97176-606-0	8-94247-867-0 8-94247-867-1 8-97319-087-0	8-94247-968-0 8-94419-455-0																	
NM-Motorservice Article no.:																					
																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 15400 C LB 15400 S LB 15400-1 C (chromed OD + 0.25) LB 15400-2 C (chromed OD + 0.50) LB 15400-3 C (chromed OD + 1.00) LB 15400-1 S (cast iron OD: 96.00)	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:															
	LBS 15400 CA LBS 15400 SA		KBS 15400 A	KB 15400 A	KR 15400	PB 15400															
4JA1T New 2,499 cc 4 cyl 93.0 mm Bore Ø	LBS 15450-1 CA (chromed OD + 0.25) LBS 15450-2 CA (chromed OD + 0.50) LBS 15450-3 CA (chromed OD + 1.00) LBS 15450-1 SA (cast iron OD: 96.00)	<table border="1"> <tr> <td></td> <td>chrome</td> <td>cast iron</td> </tr> <tr> <td>Length:</td> <td>156.0</td> <td>156.3</td> </tr> <tr> <td>Outside Ø:</td> <td>95.0</td> <td>98.0</td> </tr> <tr> <td>Flange Ø:</td> <td>101.0</td> <td>102.0</td> </tr> <tr> <td>Flange depth:</td> <td>0.9</td> <td>4.0</td> </tr> </table>		chrome	cast iron	Length:	156.0	156.3	Outside Ø:	95.0	98.0	Flange Ø:	101.0	102.0	Flange depth:	0.9	4.0	Piston Length: 102.8 Comp. height: 47.8 -6.4 -17.1		Rings Top: 2.0 2nd: 2.0 oil: 4.0 Ø: 31.0 Length: 76.0	
			chrome	cast iron																	
		Length:	156.0	156.3																	
		Outside Ø:	95.0	98.0																	
Flange Ø:	101.0	102.0																			
Flange depth:	0.9	4.0																			
Reference no.:	8-94110-144-0 8-94462-130-0	Reference no.:	Reference no.:	Reference no.:																	
Reference no.:	5-87814-401-0	8-97176-691-0 8-97176-695-0	8-94247-867-0 8-94247-867-1 8-97319-087-0	8-94247-968-0 8-94419-455-0																	
NM-Motorservice Article no.:																					
																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 15450 C LB 15450 S LB 15450-1 C (chromed OD + 0.25) LB 15450-2 C (chromed OD + 0.50) LB 15450-3 C (chromed OD + 1.00) LB 15450-1 S (cast iron OD: 96.00)	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:															
	LBS 15450 CA LBS 15450 SA		KBS 15450 A	KB 15450 A	KR 15450	PB 15450															



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4JG2 3,059 cc 4 cyl 95.4 mm Bore Ø	NM-Motorservice Article no.:		chrome	cast iron	Piston			Rings			
	LBS 44200 -1 CA (chromed OD + 0.25) LBS 44200 -2 CA (chromed OD + 0.50) LBS 44200 -3 CA (chromed OD + 1.00) LBS 44200 -1 SA (cast iron OD: 98.00)	Length: Outside Ø: Flange Ø: Flange depth:	178.6 97.0 102.3 1.1	181.5 100.0 103.3 4.0	Length: Comp. height:	89.2 49.2 -2.6		Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:	34.0 78.0
		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
		8-97176-702-0 8-94456-791-0					8-97073-647-1	8-97080-215-0	8-94457-158-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 44200 C LB 44200 S LB 44200 - 1 C (chromed OD + 0.25) LB 44200 - 2 C (chromed OD + 0.50) LB 44200 - 3 C (chromed OD + 1.00) LB 44200 - 1 S (cast iron OD: 98.00)			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 44200 CA LBS 44200 SA				KBS 44200 A		KB 44200 A	KR 44200	PB 44200		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4JG2T 3,059 cc 4 cyl 95.4 mm Bore Ø	LBS 15550 -1 CB (chromed OD + 0.25) LBS 15550 -2 CB (chromed OD + 0.50) LBS 15550 -3 CB (chromed OD + 1.00) LBS 15550 -1 SB (cast iron OD: 98.00)		chrome	cast iron	Piston		Alfin and with oil gallery head anodized	Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	178.6 97.0 102.3 1.1	181.5 100.0 103.3 4.0	Length: Comp. height:	89.1 49.1 -2.7		Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:	34.0 78.0
		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
		8-97176-702-0 8-94456-791-0					8-97086-449-0 8-97176-622-0 8-97176-623-0	8-97080-215-0	8-94457-158-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 15550 C LB 15550 S LB 15550 - 1 C (chromed OD + 0.25) LB 15550 - 2 C (chromed OD + 0.50) LB 15550 - 3 C (chromed OD + 1.00) LB 15550 - 1 S (cast iron OD: 98.00)			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 15550 CB LBS 15550 SB				KBS 15550 B		KB 15550 B	KR 15550	PB 15550		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4JX1 also for OPEL 4JX1T 2,999 cc 4 cyl 95.4 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery head anodized skirt MOS2 treated	Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	180.0 99.4 103.4 4.0	177.0 99.4	Length: Comp. height:	101.7 50.0 -9.6 -17.4		Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:	31.0 75.9
		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
		8-94247-861-0 8-94247-861-2					8-94340-620-2 8-94369-218-0 8-97176-602-0	8-94247-867-0 8-94247-867-1 8-97319-087-0	8-94457-158-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 15600 PB LBS 15600 SB	LB 15600 P LB 15600 S			KBS 15600 B		KB 15600 B	KR 15600	PB 15600		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин															
4JH1-TC 2,999 cc 4 cyl 95.4 mm Bore Ø	LBS 15650-1 CB (chromed OD + 0.25) LBS 15650-2 CB (chromed OD + 0.50) LBS 15650-3 CB (chromed OD + 1.00) LBS 15650-1 SB (cast iron OD: 98.00)	<table border="1"> <tr> <td></td> <td>chrome</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>178.6</td> <td>181.5</td> </tr> <tr> <td>Outside Ø:</td> <td>97.0</td> <td>100.0</td> </tr> <tr> <td>Flange Ø:</td> <td>102.3</td> <td>103.3</td> </tr> <tr> <td>Flange depth:</td> <td>1.1</td> <td>4.0</td> </tr> </table>		chrome	No flange	Length:	178.6	181.5	Outside Ø:	97.0	100.0	Flange Ø:	102.3	103.3	Flange depth:	1.1	4.0	Piston Length: 88.9 Comp. height: 49.9 -8.2 -20.0		Alfin and with oil gallery	Rings Top: 2.5 2nd: 2.0 oil: 3.0	Ø: 31.0 Length: 76.0
				chrome	No flange																	
Length:	178.6	181.5																				
Outside Ø:	97.0	100.0																				
Flange Ø:	102.3	103.3																				
Flange depth:	1.1	4.0																				
Reference no.:		Reference no.:		Reference no.:																		
		8-97176-702-0 8-94456-791-0		Reference no.:		Reference no.:																
NM-Motorservice Article no.:/ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:																
		LBS 15650 CB LBS 15650 SB		KBS 15650 B		KB 15650 B																
		LB 15650 C LB 15650 S LB 15650-1 C (chromed OD + 0.25) LB 15650-2 C (chromed OD + 0.50) LB 15650-3 C (chromed OD + 1.00) LB 15650-1 S (cast iron OD: 98.00)		KB 15650 B		KR 15650																

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин															
4JG2T New 3,059 cc 4 cyl 95.4 mm Bore Ø	LBS 15700-1 CB (chromed OD + 0.25) LBS 15700-2 CB (chromed OD + 0.50) LBS 15700-3 CB (chromed OD + 1.00) LBS 15700-1 SB (cast iron OD: 98.00)	<table border="1"> <tr> <td></td> <td>chrome</td> <td>cast iron</td> </tr> <tr> <td>Length:</td> <td>178.6</td> <td>181.5</td> </tr> <tr> <td>Outside Ø:</td> <td>97.0</td> <td>100.0</td> </tr> <tr> <td>Flange Ø:</td> <td>102.3</td> <td>103.3</td> </tr> <tr> <td>Flange depth:</td> <td>1.1</td> <td>4.0</td> </tr> </table>		chrome	cast iron	Length:	178.6	181.5	Outside Ø:	97.0	100.0	Flange Ø:	102.3	103.3	Flange depth:	1.1	4.0	Piston Length: 89.2 Comp. height: 49.2 -1.4		Alfin and with oil gallery head anodized	Rings Top: 2.5 2nd: 2.0 oil: 4.0	Ø: 34.0 Length: 78.0
				chrome	cast iron																	
Length:	178.6	181.5																				
Outside Ø:	97.0	100.0																				
Flange Ø:	102.3	103.3																				
Flange depth:	1.1	4.0																				
Reference no.:		Reference no.:		Reference no.:																		
		8-97176-702-0 8-94456-791-0		Reference no.:		Reference no.:																
NM-Motorservice Article no.:/ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:																
		LBS 15700 CB LBS 15700 SB		KBS 15700 B		KB 15700 B																
		LB 15700 C LB 15700 S LB 15700-1 C (chromed OD + 0.25) LB 15700-2 C (chromed OD + 0.50) LB 15700-3 C (chromed OD + 1.00) LB 15700-1 S (cast iron OD: 98.00)		KB 15700 B		KR 15700																

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин															
4JH1-TC New 2,999 cc 4 cyl 95.4 mm Bore Ø	LBS 15750-1 CB (chromed OD + 0.25) LBS 15750-2 CB (chromed OD + 0.50) LBS 15750-3 CB (chromed OD + 1.00) LBS 15750-1 SB (cast iron OD: 98.00)	<table border="1"> <tr> <td></td> <td>chrome</td> <td>cast iron</td> </tr> <tr> <td>Length:</td> <td>178.6</td> <td>181.5</td> </tr> <tr> <td>Outside Ø:</td> <td>97.0</td> <td>100.0</td> </tr> <tr> <td>Flange Ø:</td> <td>102.3</td> <td>103.3</td> </tr> <tr> <td>Flange depth:</td> <td>1.1</td> <td>4.0</td> </tr> </table>		chrome	cast iron	Length:	178.6	181.5	Outside Ø:	97.0	100.0	Flange Ø:	102.3	103.3	Flange depth:	1.1	4.0	Piston Length: 89.0 Comp. height: 50.0 -8.0 -19.9		Alfin and with oil gallery	Rings Top: 2.5 2nd: 2.0 oil: 3.0	Ø: 31.0 Length: 76.0
				chrome	cast iron																	
Length:	178.6	181.5																				
Outside Ø:	97.0	100.0																				
Flange Ø:	102.3	103.3																				
Flange depth:	1.1	4.0																				
Reference no.:		Reference no.:		Reference no.:																		
		8-97176-702-0		Reference no.:		Reference no.:																
NM-Motorservice Article no.:/ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:																
		LBS 15750 CB LBS 15750 SB		KBS 15750 B		KB 15750 B																
		LB 15750 C LB 15750 S LB 15750-1 C (chromed OD + 0.25) LB 15750-2 C (chromed OD + 0.50) LB 15750-3 C (chromed OD + 1.00) LB 15750-1 S (cast iron OD: 98.00)		KB 15750 B		KR 15750																

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4JJ1-TC CRDi UCR-UCS-LHD 2,999 cc 4 cyl 95.4 mm Bore Ø			Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	180.0 99.4 103.4 4.0	177.0 99.4	Length: Comp. height:	78.4 49.8 -5.3 -16.1	Alfin and with oil gallery skirt MOS2 treated	Top: 2nd: oil:	2.0 1.5 3.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:	
						8-97367-397-1 8-97367-398-1 8-97367-399-1 8-97388-327-0	8-97388-734-0 8-97389-284-0 8-98096-676-0	8-97388-734-0 8-97389-284-0 8-98096-676-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 15800 PB LBS 15800 SB	LB 15800 P LB 15800 S		KBS 15800 B	KB 15800 B	KR 15800	PB 15800		



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4JK1-TC KB250 2,499 cc 4 cyl 95.4 mm Bore Ø			Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	180.0 99.4 103.4 4.0	177.0 99.4	Length: Comp. height:	87.2 58.55 -6.3 -16.7	Alfin and with oil gallery skirt MOS2 treated	Top: 2nd: oil:	2.0 1.5 3.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:	
						8-97355-672-2	8-97388-734-0 8-97389-284-0 8-98096-676-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 15850 PB LBS 15850 SB	LB 15850 P LB 15850 S		KBS 15850 B	KB 15850 B	KR 15850			

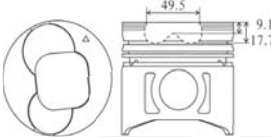

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4JG2T 3,059 cc 4 cyl 95.4 mm Bore Ø			chrome	cast iron	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	178.6 97.0 102.3 1.1	181.5 100.0 103.3 4.0	Length: Comp. height:	89.2 49.2 -2.4	Alfin and with oil gallery head anodized top ring double keystoned	Top: 2nd: oil:	2.5 2.0 4.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:	
						8-97176-702-0 8-94456-791-0	8-94370-449-0	8-94457-158-0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 15900 CB LBS 15900 SB	LB 15900 C LB 15900 S		KBS 15900 B	KB 15900 B	KR 15900	PB 15900		

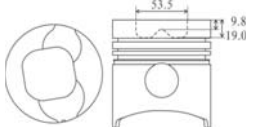

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4JG1		chrome	cast iron	Piston			Rings		Ø: Length:	34.0 78.0
				Length: Outside Ø: Flange Ø: Flange depth:	178.6 97.0 102.3 1.1		181.5 100.0 103.3 4.0	Length: Comp. height:		
3,059 cc 4 cyl 95.4 mm Bore Ø										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 15950 CA LBS 15950 SA	LB 15950 C LB 15950 S		KBS 15950 A		KB 15950 A	KR 15950	PB 15950		

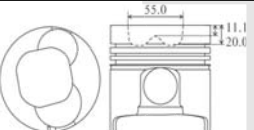

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4BA1		chrome	cast iron	Piston			Rings		Ø: Length:	33.0 85.0
				Length: Outside Ø: Flange Ø: Flange depth:	180.5 101.0 108.0 1.4		180.0 102.2 108.0	Length: Comp. height:		
2,775 cc 4 cyl 98.0 mm Bore Ø										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 31300 C LBS 31300 S	LB 31300 C LB 31300 S		KBS 31300		KB 31300	KR 31300	PB 31300		

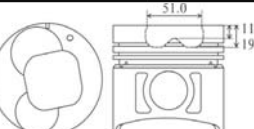

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
DA220 4 Rings		Flanged	No flange	Piston			Rings		Ø: Length:	34.0 83.5
				Length: Outside Ø: Flange Ø: Flange depth:	220.0 113.0 119.0 8.0			Length: Comp. height:		
4,084 cc 4 cyl 100.0 mm Bore Ø										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 16050 F	LB 16050 F		KBS 16050		KB 16050	KR 16050	PB 16050		

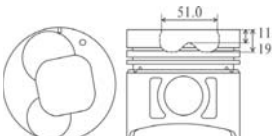

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца			PIN Pin/ Perno/ Пин	
4BC1			Flanged	No flange	Piston			Rings			Ø : 33.0 Length: 83.0	
		Length: 187.0 Outside Ø: 105.0 Flange Ø: 112.0 Flange depth: 1.4			Length: 112.0 Comp. height: 58.5 -0.4 -2.2			Top: 3.0 2nd: 2.5 oil: 5.0				
3,268 cc 4 cyl 102.0 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		Reference no.:		
		5-11261-014-0 5-11261-014-2				5-12111-172-1 5-12111-188-1	5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1 5-45454-004-2	5-12251-010-0 9-12251-603-0				
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		
	LBS 16150 CA	LB 16150 C			KBS 16150 A	KB 16150 A	KR 16150	PB 16150				

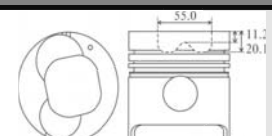

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца			PIN Pin/ Perno/ Пин	
4BC2			chrome	cast iron	Piston			Rings			Ø : 35.0 Length: 87.5	
		Length: 187.0 Outside Ø: 105.0 Flange Ø: 112.0 Flange depth: 1.4	187.0 106.0 112.0 4.0		Length: 98.1 Comp. height: 58.9 -9.1 -17.7			Top: 3.0 2nd: 2.5 oil: 5.0				
3,268 cc 4 cyl 102.0 mm Bore Ø		LB 16200 - 2 F/ LB 16200 - 2 S:				Reference no.:	Reference no.:	Reference no.:		Reference no.:		
		Length: 185.5 Outside Ø: 106.0 Flange Ø: 110.3 Flange depth: 10.1				8-94169-765-0	5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1 5-45454-004-2	1-12251-027-0 5-12251-006-0 9-12251-602-0				
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		
	LBS 16200 C LBS 16200 F LBS 16200 S LBS 16200 CA LBS 16200 FA LBS 16200 SA Note: LBS 16200 F LBS 16200 FA consists of LB 16200 -2 F LBS 16200 S LBS 16200 SA consists of LB 16200 -2 S	LB 16200 C (chromed) LB 16200 F (cast iron) LB 16200 S (cast iron)			KBS 16200 KBS 16200 A	KB 16200 KB 16200 A	KR 16200	PB 16200				



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4BB1 3,595 cc 4 cyl 102.0 mm Bore Ø			Flanged	No flange	Piston	Rings	Ø : 35.0 Length: 87.8
		Length: 204.0 Outside Ø: 105.0 Flange Ø: 112.0 Flange depth: 1.4					
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		1-11261-118-0 5-11261-004-0 5-11261-118-0			5-12111-013-0	5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1 5-45454-004-2	1-12251-027-0 5-12251-006-0 9-12251-602-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 16100 C	LB 16100 C		KBS 16100	KB 16100	KR 16100	PB 16100

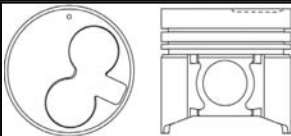

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4BD1 3,856 cc 4 cyl 102.0 mm Bore Ø			chrome	cast iron	Piston	Rings	Ø : 35.0 Length: 87.5
		Length: 204.0 Outside Ø: 105.0 Flange Ø: 112.0 Flange depth: 1.4	204.0 106.0 112.0	4.0			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		1-11261-118-0 5-11261-004-0 5-11261-118-0			5-12111-068-0 5-12111-068-2 5-12111-211-0 5-12111-211-1	5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1 5-45454-004-2	1-12251-027-0 5-12251-006-0 9-12251-602-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 16250 C LBS 16250 F LBS 16250 S	LB 16250 C LB 16250 F LB 16250 S		KBS 16250	KB 16250	KR 16250	PB 16250

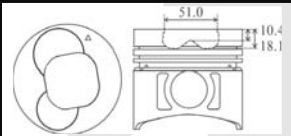

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4BD1 New 3,856 cc 4 cyl 102.0 mm Bore Ø			chrome	cast iron	Piston	Rings	Ø : 35.0 Length: 87.0
		Length: 204.0 Outside Ø: 105.0 Flange Ø: 112.0 Flange depth: 1.4	204.0 106.0 112.0	4.0			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		1-11261-118-0 5-11261-004-0 5-11261-118-0			8-94452-912-0	5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1 5-45454-004-2	1-12251-027-0 5-12251-006-0 9-12251-602-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 16300 CA LBS 16300 FA LBS 16300 SA	LB 16300 C LB 16300 F LB 16300 S		KBS 16300 A	KB 16300 A	KR 16300	PB 16300

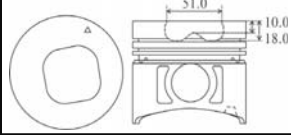

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4BD1T			chrome	cast iron	Piston			Rings		Ø : 35.0 Length: 87.0	
					Length: 204.0	204.0		Length: 98.0			
3,856 cc 4 cyl 102.0 mm Bore Ø			Outside Ø: 105.0	106.0	Comp. height: 58.8			2nd: 2.5			
			Flange Ø: 112.0	112.0	height: -11.5			oil: 5.0			
			Flange depth: 1.4	4.0	-19.8						
			Reference no.:					Reference no.:		Reference no.:	
			1-11261-118-0	5-11261-004-0	5-11261-118-0			5-12111-242-1	5-12121-004-0	1-12251-027-0	
							5-12111-265-0	5-12121-005-0	5-12251-006-0		
							5-12111-649-1	5-12181-003-1	9-12251-602-0		
							5-87810-280-3	5-12181-024-1			
							8-94175-027-2	5-45454-004-2			
							8-94321-734-0				
							8-97176-637-0				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 16350 CA LBS 16350 FA LBS 16350 SA	LB 16350 C LB 16350 F LB 16350 S			KBS 16350 A	KB 16350 A	KB 16350 A	KB 16350 A	KR 16350	PB 16350	PB 16350

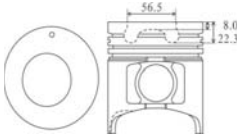

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4BD1T			chrome	cast iron	Piston			Rings		Ø : 35.0 Length: 87.5	
					Length: 204.0	204.0		Length: 104.2			
3,856 cc 4 cyl 102.0 mm Bore Ø			Outside Ø: 105.0	106.0	Comp. height: 58.8			2nd: 2.5			
			Flange Ø: 112.0	112.0	height: -11.2			oil: 5.0			
			Flange depth: 1.4	4.0	-20.1						
			Reference no.:					Reference no.:		Reference no.:	
			1-11261-118-0	5-11261-004-0	5-11261-118-0			1-12111-240-1	5-12121-004-0	1-12251-027-0	
							1-12111-303-0	5-12121-005-0	5-12251-006-0		
							1-12111-303-1	5-12181-003-1	9-12251-602-0		
							5-12111-240-1	5-12181-024-1			
							5-12111-303-1	5-45454-004-2			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 16400 CA LBS 16400 FA LBS 16400 SA	LB 16400 C LB 16400 F LB 16400 S			KBS 16400 A	KB 16400 A	KB 16400 A	KB 16400 A	KR 16400	PB 16400	PB 16400

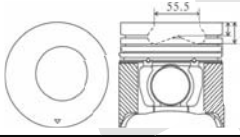

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4BD2T (1992-1994)			chrome	cast iron	Piston		Alfin and with oil gallery head anodized	Rings		Ø : 35.0 Length: 87.4	
					Length: 204.0	204.0		Length: 98.1			
3,856 cc 4 cyl 102.0 mm Bore Ø			Outside Ø: 105.0	106.0	Comp. height: 58.7			2nd: 2.5			
			Flange Ø: 112.0	112.0	height: -2.6			oil: 5.0			
			Flange depth: 1.4	4.0							
			Reference no.:					Reference no.:		Reference no.:	
			1-11261-118-0	5-11261-004-0	5-11261-118-0			8-97025-457-2	5-12121-004-0	1-12251-027-0	
							8-97176-640-0	5-12121-005-0	5-12251-006-0		
								5-12181-003-1	9-12251-602-0		
								5-12181-024-1			
								5-45454-004-2			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 16450 CB LBS 16450 FB LBS 16450 SB	LB 16450 C LB 16450 F LB 16450 S			KBS 16450 B	KB 16450 B	KB 16450 B	KB 16450 B	KR 16450	PB 16450	PB 16450

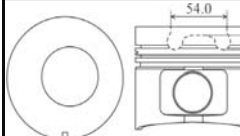

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4BD2T New (1995-1998) 3,856 cc 4 cyl 102.0 mm Bore Ø		chrome	cast iron	Piston			Rings		Ø : 35.0 Length: 87.5	
		Length: 204.0 Outside Ø: 105.0 Flange Ø: 112.0 Flange depth: 1.4	204.0 106.0 112.0 4.0	Length: 98.1 Comp. height: 58.8 -3.1	Top: 3.0 2nd: 2.0 oil: 4.0					
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		1-11261-118-0 5-11261-004-0 5-11261-118-0				8-97176-642-0	8-97117-686-0	1-12251-027-0 5-12251-006-0 9-12251-602-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 44150 CB LBS 44150 FB LBS 44150 SB	LB 44150 C LB 44150 F LB 44150 S		KBS 44150 B		KB 44150 B	KR 44150	PB 44150		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4BE1 3,636 cc 4 cyl 105.0 mm Bore Ø		Liner/ Sleeve		Piston			Rings		Ø : 35.0 Length: 85.0	
		Length: 187.0 Outside Ø: 107.0 Flange Ø: 113.0 Flange depth: 1.4		Length: 95.6 Comp. height: 56.4 -10.4 -18.1	Top: 3.0 2nd: 2.5 oil: 5.0					
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		5-11261-016-2				5-12111-022-0 8-94438-989-1	8-94418-918-0	1-12251-027-0 5-12251-006-0 9-12251-602-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 16550 CA	LB 16550 C		KBS 16550 A		KB 16550 A	KR 16550	PB 16550		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 16600 CA	LB 16600 C		KBS 16600 A		KB 16600 A	KR 16600	PB 16600		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
4HE1T 4,751 cc 4 cyl 110.0 mm Bore Ø	LBS 16650-1 FB LBS 16650-1 SB (Liner OD + 0.25) LBS 16650-2 FB LBS 16650-2 SB (Liner OD + 0.50)	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>210.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>115.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>121.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.7 +0.4</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	210.0		Outside Ø:	115.0		Flange Ø:	121.7		Flange depth:	5.7 +0.4		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>120.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>66.2 -8.0 -22.3</td> <td></td> </tr> </table>		Piston		Length:	120.0		Comp. height:	66.2 -8.0 -22.3		Alfin and with oil gallery	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td rowspan="3">Ø : Length:</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>		Rings		Top:	3.0	Ø : Length:	2nd:	2.5	oil:	4.0	<table border="1"> <tr> <td></td> <td>Ø :</td> <td>40.0</td> </tr> <tr> <td></td> <td>Length:</td> <td>87.0</td> </tr> </table>		Ø :	40.0		Length:	87.0
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	LBS 16650 FB LBS 16650 SB	LB 16650 F (phosphated) LB 16650 S LB 16650 - 1 F+S (Oversized OD + 0.25) LB 16650 - 2 F+S (Oversized OD + 0.50)	KBS 16650 B	KB 16650 B	KR 16650	PB 16650																																								

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4HE1-TC 4,751 cc 4 cyl 110.0 mm Bore Ø	LBS 16700-1 FB LBS 16700-1 SB (Liner OD + 0.25) LBS 16700-2 FB LBS 16700-2 SB (Liner OD + 0.50) LBS 16700-3 FB consists of LB 16650 F LBS 16700-3 SB consists of LB 16650 S	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>210.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>113.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>119.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.6 +0.4</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	210.0		Outside Ø:	113.0		Flange Ø:	119.7		Flange depth:	5.6 +0.4		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>110.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>66.2 -14.1 -22.6</td> <td></td> </tr> </table>		Piston		Length:	110.0		Comp. height:	66.2 -14.1 -22.6		Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td rowspan="3">Ø : Length:</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>1.2 3.0</td> </tr> </table>		Rings		Top:	3.0	Ø : Length:	2nd:	2.0	oil:	1.2 3.0	<table border="1"> <tr> <td></td> <td>Ø :</td> <td>40.0</td> </tr> <tr> <td></td> <td>Length:</td> <td>87.0</td> </tr> </table>		Ø :	40.0		Length:	87.0
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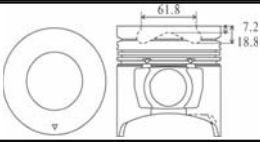

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																										
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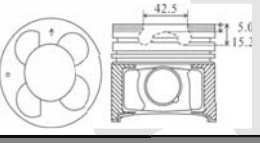

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																														
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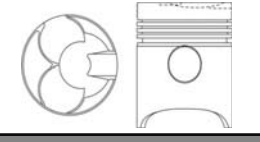

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		LB 17150 F (phosphated) LB 17150 S LB 17150 - 1 F+S (Oversized OD + 0.25) LB 17150 - 2 F+S (Oversized OD + 0.50)	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
	LBS 17150 FB LBS 17150 SB		KBS 17150 B	KB 17150 B	KR 17150	PB 17150																																					
4HL1	Liner Kit/ camisas de los cilindros/ Лайнер комплект	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>190.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>118.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>123.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>6.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	190.0		Outside Ø:	118.0		Flange Ø:	123.7		Flange depth:	6.0		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>112.0</td> </tr> <tr> <td>Comp. height:</td> <td>58.2</td> </tr> <tr> <td></td> <td>-4.9</td> </tr> <tr> <td></td> <td>-21.0</td> </tr> </table>		Piston	Length:	112.0	Comp. height:	58.2		-4.9		-21.0	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>3.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>	Rings		Top:	3.0	2nd:	2.0	oil:	3.0	<table border="1"> <tr> <td>Ø:</td> <td>36.0</td> </tr> <tr> <td>Length:</td> <td>79.0</td> </tr> </table>	Ø:	36.0	Length:	79.0
				Liner/ Sleeve																																							
Length:	190.0																																										
Outside Ø:	118.0																																										
Flange Ø:	123.7																																										
Flange depth:	6.0																																										
	Piston																																										
Length:	112.0																																										
Comp. height:	58.2																																										
	-4.9																																										
	-21.0																																										
Rings																																											
Top:	3.0																																										
2nd:	2.0																																										
oil:	3.0																																										
Ø:	36.0																																										
Length:	79.0																																										
4,777 cc 4 cyl 115.0 mm Bore Ø																																											
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:																																					
				8-97331-643-0	8-97331-641-0	1-12251-036-0																																					
		NM-Motorservice Article no.:																																									
		LB 17200 AF (phosphated) LB 17200 AS LB 17200 - 1 BF+BS (Oversized OD + 0.25) LB 17200 - 2 CF+CS (Oversized OD + 0.50)	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
	LBS 17200 FB LBS 17200 SB		KBS 17200 B	KB 17200 B	KR 17200	PB 17200																																					

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4HK1-TC 5,193 cc 4 cyl 115.0 mm Bore Ø	OD is graded as A and B	Length: 210.0 Outside Ø: 118.0 Flange Ø: 123.7 Flange depth: 6.0	Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings		Ø : Length: 40.0 87.0	
				Length: 119.9 Comp. height: 66.1 -7.2 -18.8	Top: 2.95 2nd: 2.0 3rd: 2.5 oil: 3.0					
	Reference no.:	Reference no.:		Reference no.:		Reference no.:		Reference no.:		
		8-98014-046-0 8-98014-047-0		8-97602-957-1		8-98017-166-0		8-94391-794-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17250 FB LBS 17250 SB	LB 17250 F (phosphated) LB 17250 S		KBS 17250 B		KB 17250 B		KR 17250		PB 17250

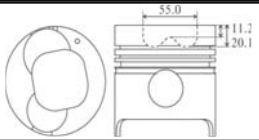

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
6DE1 (L/R) 2,958 cc 6 cyl 87.5 mm Bore Ø		Length: 72.4 Outside Ø: 44.1 Flange Ø: -5.0 Flange depth: -15.2	Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : Length: 28.5 70.0	
					Length: 72.4 Comp. height: 44.1 -5.0 -15.2	Top: 2.5 2nd: 1.5 3rd: 3.0 oil: 3.0					
	Reference no.:	Reference no.:		Reference no.:		Reference no.:		Reference no.:			
				(L/R)		8-97257-335-1					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 17300 PB LBS 17300 SB	LB 17300 P LB 17300 S		KBS 17300 B		KB 17300 B		KR 17300		PB 17300	

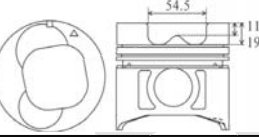

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
DA120 4 Rings 6,126 cc 6 cyl 100.0 mm Bore Ø		Length: 220.0 Outside Ø: 113.0 Flange Ø: 119.0 Flange depth: 8.0	Liner/ Sleeve	Piston			Rings		Ø : Length: 34.0 83.5	
				Length: 125.0 Comp. height: 62.0 5.4 -6.0	Top: 2.5 2nd: 2.5 3rd: 2.5 oil: 5.0					
	Reference no.:	Reference no.:		Reference no.:		Reference no.:		Reference no.:		
		9-11261-276-0 9-11261-287-0 9-11261-287-1		1-12111-126-0 1-12111-126-0 9-12111-376-0 9-12111-901-0		1-12121-001-0 1-12181-005-0 1-12181-036-0 1-12181-087-0 1-12181-109-0 1-12181-128-0		9-12251-083-0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17350 F	LB 17350 F		KBS 17350		KB 17350		KR 17350		PB 17350

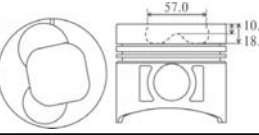

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		Piston	Piston	Piston	Piston	Piston	Piston	Piston			
DA640 4 Rings		Length: 228.0 Outside Ø: 113.0 Flange Ø: 119.0 Flange depth: 8.0	Liner/ Sleeve	Piston	Length: 125.0 Comp. height: 68.0 -2.7 -6.3	Rings	Top: 2.5 2nd: 2.5 3rd: 2.5 oil: 5.0	Ø: 36.0 Length: 86.5	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
6,373 cc 6 cyl 102.0 mm Bore Ø													
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17400 F	LB 17400 F	KBS 17400	KB 17400	KR 17400	PB 17400							

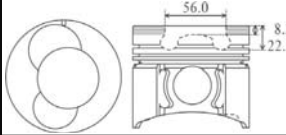

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		Piston	Piston	Piston	Piston	Piston	Piston	Piston			
6BB1		Length: 204.0 Outside Ø: 105.0 Flange Ø: 112.0 Flange depth: 1.4	chrome	cast iron	Piston	Length: 112.4 Comp. height: 63.1 9.8 -19.0	Rings	Top: 3.0 2nd: 2.5 oil: 5.0	Ø: 35.0 Length: 87.8	Reference no.:	Reference no.:	Reference no.:	Reference no.:
5,393 cc 6 cyl 102.0 mm Bore Ø													
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 17450 C (chromed) LB 17450 F (cast iron) LB 17450 S (cast iron)	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17450 C LBS 17450 F LBS 17450 S	KBS 17450	KB 17450	KR 17450	PB 17450								

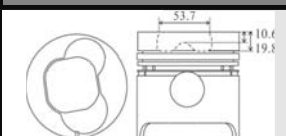

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		Piston	Piston	Piston	Piston	Piston	Piston	Piston			
6BD1		Length: 204.0 Outside Ø: 105.0 Flange Ø: 112.0 Flange depth: 1.4	chrome	cast iron	Piston	Length: 104.2 Comp. height: 59.0 -11.1 20.0	Rings	Top: 3.0 2nd: 2.5 oil: 5.0	Ø: 35.0 Length: 87.5	Reference no.:	Reference no.:	Reference no.:	Reference no.:
5,785 cc 6 cyl 102.0 mm Bore Ø													
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 17500 C (chromed) LB 17500 F (cast iron) LB 17500 S (cast iron)	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17500 C LBS 17500 F LBS 17500 S	KBS 17500	KB 17500	KR 17500	PB 17500								



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6BD1T		Liner/ Sleeve	Piston		Rings	
5,785 cc 6 cyl 102.0 mm Bore Ø						
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		1-11261-118-0 5-11261-004-0 5-11261-118-0		1-12111-240-1 1-12111-303-0 1-12111-303-1 5-12111-240-1 5-12111-303-1	5-12121-005-0 5-12181-023-2	1-12251-027-0 5-12251-006-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17550 CA	LB 17550 C	KBS 17550 A	KB 17550 A	KR 17550	PB 17550

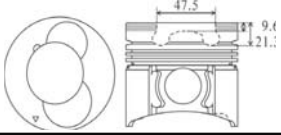

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6BD1T		Liner/ Sleeve	Piston		Rings	
5,785 cc 6 cyl 102.0 mm Bore Ø						
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		1-11261-118-0 5-11261-004-0 5-11261-118-0		1-12111-325-1 1-12111-428-0 1-12111-428-1	5-12121-005-0 5-12181-023-2	1-12251-027-0 5-12251-006-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17600 CA	LB 17600 C	KBS 17600 A	KB 17600 A	KR 17600	PB 17600

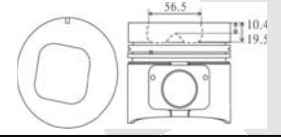

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6BG1		Liner/ Sleeve	Piston		Rings	
6,494 cc 6 cyl 105.0 mm Bore Ø						
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		1-11261-119-0		1-12111-323-2 1-12111-377-4	1-12121-065-0	1-12251-027-0 5-12251-006-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17650 CA	LB 17650 C	KBS 17650 A	KB 17650 A	KR 17650	PB 17650

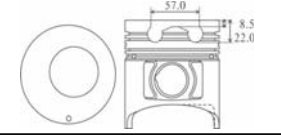

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6BG1T		Liner/ Sleeve	Piston	Alfin and with oil gallery	Rings	
6,494 cc 6 cyl 105.0 mm Bore Ø		Length: 203.0 Outside Ø: 107.0 Flange Ø: 113.0 Flange depth: 1.4	Length: 94.5 Comp. height: 55.2 -8.3 -22.1		Top: 3.5 2nd: 2.5 oil: 4.0	Ø: 35.0 Length: 87.5
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		1-11261-119-0		1-12111-626-0	1-12121-115-0	1-12251-027-0 5-12251-006-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17700 CB	LB 17700 C	KBS 17700 B	KB 17700 B	KR 17700	PB 17700

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6BF1		Liner/ Sleeve	Piston		Rings	
6,130 cc 6 cyl 105.0 mm Bore Ø		Length: 203.0 Outside Ø: 107.0 Flange Ø: 113.0 Flange depth: 1.4	Length: 110.0 Comp. height: 58.7 -10.6 -19.8		Top: 3.0 2nd: 2.5 oil: 5.0	Ø: 35.0 Length: 87.5
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		1-11261-119-0		1-12111-345-0	1-12121-052-0 5-12121-006-0	1-12251-027-0 5-12251-006-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17750 CA	LB 17750 C	KBS 17750 A	KB 17750 A	KR 17750	PB 17750

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6BG1T		Liner/ Sleeve	Piston		Rings	
6,494 cc 6 cyl 105.0 mm Bore Ø		Length: 203.0 Outside Ø: 107.0 Flange Ø: 113.0 Flange depth: 1.4	Length: 94.6 Comp. height: 55.4 -10.4 -18.6		Top: 3.0 2nd: 2.5 oil: 4.0	Ø: 35.0 Length: 87.5
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17800 CA	LB 17800 C	KBS 17800 A	KB 17800 A	KR 17800	PB 17800

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6BG1 6,494 cc 6 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston	Alfin and with oil gallery	Rings	Ø : 35.0 Length: 87.5
		Length: 203.0 Outside Ø: 107.0 Flange Ø: 113.0 Flange depth: 1.4				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		1-11261-119-0				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17850 CB	LB 17850 C	KBS 17850 B	KB 17850 B	KR 17850	PB 17850

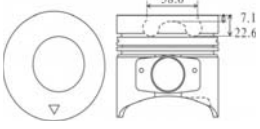

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6HE1 7,127 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 36.0 Length: 79.0
		Length: 210.0 Outside Ø: 113.0 Flange Ø: 120.0 Flange depth: 6.0				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		8-94396-332-0				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 17900 F (phosphated) LB 17900 S	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17900 FA LBS 17900 SA	LB 17900 - 1 F+S (Oversized OD + 0.25) LB 17900 - 2 F+S (Oversized OD + 0.50)	KBS 17900 A	KB 17900 A	KR 17900	PB 17900

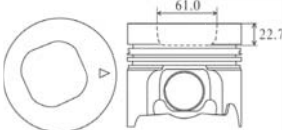

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6HE1T 7,127 cc 6 cyl 110.0 mm Bore Ø	LBS 17950 - 1 FB LBS 17950 - 1 SB (Liner OD + 0.25) LBS 17950 - 2 FB LBS 17950 - 2 SB (Liner OD + 0.50)	Liner/ Sleeve	Piston	Alfin and with oil gallery	Rings	Ø : 40.0 Length: 87.0
		Length: 210.0 Outside Ø: 113.0 Flange Ø: 119.7 Flange depth: 5.6 +0.4				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		8-94391-600-0 8-94391-601-0				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 17950 F (phosphated) LB 17950 S	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 17950 FB LBS 17950 SB	LB 17950 - 1 F+S (Oversized OD + 0.25) LB 17950 - 2 F+S (Oversized OD + 0.50)	KBS 17950 B	KB 17950 B	KR 17950	PB 17950

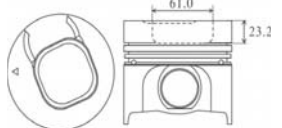

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																							
6HE1T New 7,127 cc 6 cyl 110.0 mm Bore Ø	LBS 24350-1 FB LBS 24350-1 SB (Liner OD + 0.25) LBS 24350-2 FB LBS 24350-2 SB (Liner OD + 0.50)	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>210.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>113.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>119.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.6 +0.4</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	210.0		Outside Ø:	113.0		Flange Ø:	119.7		Flange depth:	5.6 +0.4		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>110.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>66.2 14.1 -22.6</td> <td></td> </tr> </table>		Piston		Length:	110.0		Comp. height:	66.2 14.1 -22.6		Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td>Ø : 40.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> <td>Length: 57.0</td> </tr> <tr> <td>3rd:</td> <td>1.2</td> <td></td> </tr> <tr> <td>oil:</td> <td>3.0</td> <td></td> </tr> </table>		Rings		Top:	3.0	Ø : 40.0	2nd:	2.0	Length: 57.0	3rd:	1.2		oil:	3.0		
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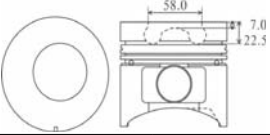

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																													
6HE1-TC 7,127 cc 6 cyl 110.0 mm Bore Ø	LBS 18050-1 CFB LBS 18050-1 CSB (Liner OD + 0.25) LBS 18050-1 DFB LBS 18050-1 DSB (Liner OD + 0.50)	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>210.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>113.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>119.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.6 0.4</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	210.0		Outside Ø:	113.0		Flange Ø:	119.7		Flange depth:	5.6 0.4		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>119.9</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>66.1 -6.1 -23.1</td> <td></td> </tr> </table>		Piston		Length:	119.9		Comp. height:	66.1 -6.1 -23.1		Alfin and with oil gallery	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.9</td> <td>Ø : 40.0</td> </tr> <tr> <td>2nd:</td> <td>3.0</td> <td>Length: 87.0</td> </tr> <tr> <td>3rd:</td> <td>2.5</td> <td></td> </tr> <tr> <td>oil:</td> <td>3.0</td> <td></td> </tr> </table>		Rings		Top:	3.9	Ø : 40.0	2nd:	3.0	Length: 87.0	3rd:	2.5		oil:	3.0								
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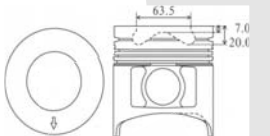

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																													
6HE1T 7,127 cc 6 cyl 110.0 mm Bore Ø	LBS 18100-1 FB LBS 18100-1 SB (Liner OD + 0.25) LBS 18100-2 FB LBS 18100-2 SB (Liner OD + 0.50)	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>210.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>113.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>119.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.6 +0.4</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	210.0		Outside Ø:	113.0		Flange Ø:	119.7		Flange depth:	5.6 +0.4		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>119.9</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>66.1 -6.1 -22.4</td> <td></td> </tr> </table>		Piston		Length:	119.9		Comp. height:	66.1 -6.1 -22.4		Alfin and with oil gallery	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.9</td> <td>Ø : 40.0</td> </tr> <tr> <td>2nd:</td> <td>3.0</td> <td>Length: 87.0</td> </tr> <tr> <td>3rd:</td> <td>2.5</td> <td></td> </tr> <tr> <td>oil:</td> <td>3.0</td> <td></td> </tr> </table>		Rings		Top:	3.9	Ø : 40.0	2nd:	3.0	Length: 87.0	3rd:	2.5		oil:	3.0								
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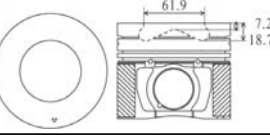

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6HH1 8,226 cc 6 cyl 115.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 36.0 Length: 79.0
		Length: Outside Ø: Flange Ø: Flange depth:	210.0 118.0 123.7 6.0			
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		8-94391-602-0 8-94391-603-0 8-94393-273-1		8-94391-950-0	8-94390-799-0 8-94390-799-2	1-12251-036-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 18150 F (phosphated) LB 18150 S	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 18150 FA LBS 18150 SA	LB 18150 - 1 F+S (Oversized OD + 0.25) LB 18150 - 2 F+S (Oversized OD + 0.50)	KBS 18150 A	KB 18150 A	KR 18150	PB 18150

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6SA1 8,413 cc 6 cyl 115.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 38.0 Length: 80.0
		Length: Outside Ø: Flange Ø: Flange depth:	216.0 119.0 126.0 6.0			
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		1-11261-065-3 1-11261-094-1		1-12111-217-1	1-12121-070-0 1-12121-075-0 1-12121-113-0 1-12121-750-0	1-12251-016-0 1-12251-016-2
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 18200 FA	LB 18200 F (phosphated)	KBS 18200 A	KB 18200 A	KR 18200	PB 18200

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6SA1T 8,413 cc 6 cyl 115.0 mm Bore Ø		Liner/ Sleeve	Piston	Alfin and with oil gallery	Rings	Ø : 38.0 Length: 80.0
		Length: Outside Ø: Flange Ø: Flange depth:	216.0 119.0 126.0 6.0			
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		1-11261-065-3 1-11261-094-1		1-12111-459-1	1-12121-070-0 1-12121-075-0 1-12121-113-0 1-12121-750-0	1-12251-016-0 1-12251-016-2
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 18250 FB	LB 18250 F (phosphated)	KBS 18250 B	KB 18250 B	KR 18250	PB 18250

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																															
6HH1 6HH1T 8,226 cc 6 cyl 115.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>210.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>118.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>123.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>6.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	210.0		Outside Ø:	118.0		Flange Ø:	123.7		Flange depth:	6.0		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>106.3</td> </tr> <tr> <td>Comp. height:</td> <td>62.6 -7.0 -22.5</td> </tr> </table>		Piston	Length:	106.3	Comp. height:	62.6 -7.0 -22.5	Alfin and with oil gallery	<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>3.5</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5 4.0</td> </tr> <tr> <td>Ø:</td> <td>36.0</td> </tr> <tr> <td>Length:</td> <td>79.0</td> </tr> </table>		Rings	Top:	3.5	2nd: oil:	2.5 4.0	Ø:	36.0	Length:	79.0	
				Liner/ Sleeve																																	
Length:	210.0																																				
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	Reference no.:	Reference no.:	Reference no.:																																		
		8-94391-602-0 8-94391-603-0 8-94393-273-1 NM-Motorservice Article no.:		Reference no.:	Reference no.:	Reference no.:																															
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 18300 F (phosphated) LB 18300 S LB 18300 - 1 F+S (Oversized OD + 0.25) LB 18300 - 2 F+S (Oversized OD + 0.50)	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																															
	LBS 18300 FB LBS 18300 SB		KBS 18300 B	KB 18300 B	KR 18300	PB 18300																															

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																															
6HK1-TC 7,790 cc 6 cyl 115.0 mm Bore Ø	LBS 18350 -1 FB LBS 18350 -1 SB (Liner OD + 0.25) LBS 18350 -2 FB LBS 18350 -2 SB (Liner OD + 0.50)	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>210.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>118.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>123.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>6.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	210.0		Outside Ø:	118.0		Flange Ø:	123.7		Flange depth:	6.0		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>119.7</td> </tr> <tr> <td>Comp. height:</td> <td>66.1 -7.0 -20.0</td> </tr> </table>		Piston	Length:	119.7	Comp. height:	66.1 -7.0 -20.0	Alfin and with oil gallery	<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>2.95</td> </tr> <tr> <td>2nd: oil:</td> <td>2.0 2.5 3.0</td> </tr> <tr> <td>Ø:</td> <td>40.0</td> </tr> <tr> <td>Length:</td> <td>87.0</td> </tr> </table>		Rings	Top:	2.95	2nd: oil:	2.0 2.5 3.0	Ø:	40.0	Length:	87.0	
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Length:	210.0																																				
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	LB 18350 F (phosphated) LB 18350 S LB 18350 - 1 F+S (Oversized OD + 0.25) LB 18350 - 2 F+S (Oversized OD + 0.50)	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																															
	LBS 18350 FB LBS 18350 SB		KBS 18350 B	KB 18350 B	KR 18350	PB 18350																															

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																															
6HK1-TC (NPR NQR) 2006- 7,790 cc 6 cyl 115.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>210.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>118.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>123.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>6.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	210.0		Outside Ø:	118.0		Flange Ø:	123.7		Flange depth:	6.0		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>96.5</td> </tr> <tr> <td>Comp. height:</td> <td>66.1 -7.2 -18.7</td> </tr> </table>		Piston	Length:	96.5	Comp. height:	66.1 -7.2 -18.7	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>3.0</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5 4.0</td> </tr> <tr> <td>Ø:</td> <td>40.0</td> </tr> <tr> <td>Length:</td> <td>87.0</td> </tr> </table>		Rings	Top:	3.0	2nd: oil:	2.5 4.0	Ø:	40.0	Length:	87.0	
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6HK1-TC 7,166 cc 6 cyl 115.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>210.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>118.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>123.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>6.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	210.0		Outside Ø:	118.0		Flange Ø:	123.7		Flange depth:	6.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>119.9</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>66.1</td> <td></td> </tr> <tr> <td></td> <td>-7.2</td> <td></td> </tr> <tr> <td></td> <td>-18.8</td> <td></td> </tr> </table>		Piston		Length:	119.9		Comp. height:	66.1			-7.2			-18.8		Alfin and with oil gallery	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.95</td> <td></td> </tr> <tr> <td>2nd:</td> <td>2.0</td> <td></td> </tr> <tr> <td>3rd:</td> <td>2.5</td> <td></td> </tr> <tr> <td>oil:</td> <td>3.0</td> <td></td> </tr> </table>		Rings		Top:	2.95		2nd:	2.0		3rd:	2.5		oil:	3.0		<table border="1"> <tr> <td></td> <td>Ø :</td> <td>40.0</td> </tr> <tr> <td>Length:</td> <td></td> <td>87.0</td> </tr> </table>		Ø :	40.0	Length:		87.0
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	LBS 18450 FB LBS 18450 SB	LB 18450 F (phosphated) LB 18450 S	KBS 18450 B	KB 18450 B	KR 18450	PB 18450																																																			

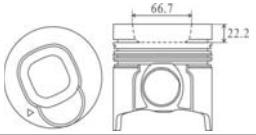

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																
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DH100 10,179 cc 6 cyl 120.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>280.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>135.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>140.6</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>11.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	280.0		Outside Ø:	135.0		Flange Ø:	140.6		Flange depth:	11.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>150.8</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>77.8</td> <td></td> </tr> <tr> <td></td> <td>-3.3</td> <td></td> </tr> <tr> <td></td> <td>-8.3</td> <td></td> </tr> </table>		Piston		Length:	150.8		Comp. height:	77.8			-3.3			-8.3			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td></td> </tr> <tr> <td>2nd:</td> <td>3.0</td> <td></td> </tr> <tr> <td>3rd:</td> <td>3.0</td> <td></td> </tr> <tr> <td>oil:</td> <td>6.0</td> <td></td> </tr> </table>		Rings		Top:	3.0		2nd:	3.0		3rd:	3.0		oil:	6.0		<table border="1"> <tr> <td></td> <td>Ø :</td> <td>45.0</td> </tr> <tr> <td>Length:</td> <td></td> <td>97.5</td> </tr> </table>		Ø :	45.0	Length:		97.5
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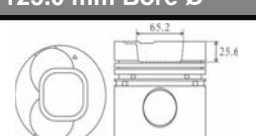

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
6SD1 6SD1T 9,839 cc 6 cyl 120.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>239.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>123.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>129.6</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>6.0 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	239.0		Outside Ø:	123.0		Flange Ø:	129.6		Flange depth:	6.0 +1.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>117.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>75.0 -24.7</td> <td></td> </tr> </table>		Piston		Length:	117.0		Comp. height:	75.0 -24.7		Alfin and with oil gallery	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.5</td> <td>Ø:</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> <td>Length:</td> </tr> <tr> <td>oil:</td> <td>5.0</td> <td></td> </tr> </table>		Rings		Top:	3.5	Ø:	2nd:	2.5	Length:	oil:	5.0		<table border="1"> <tr> <td></td> <td>43.0</td> </tr> <tr> <td></td> <td>89.5</td> </tr> </table>		43.0		89.5
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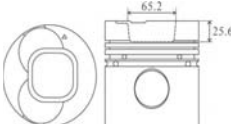

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
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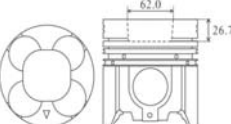

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																												
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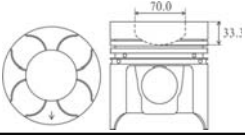

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																												
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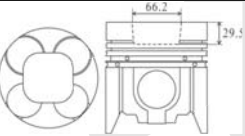

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6QA1 11,044 cc 6 cyl 125.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>282.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>140.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>146.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>11.0 +2.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	282.0		Outside Ø:	140.0		Flange Ø:	146.7		Flange depth:	11.0 +2.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>136.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>83.2 -1.0 -25.6</td> <td></td> </tr> </table>		Piston		Length:	136.0		Comp. height:	83.2 -1.0 -25.6			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td rowspan="4">Ø : Length:</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>6.0</td> </tr> <tr> <td></td> <td></td> </tr> </table>		Rings		Top:	3.0	Ø : Length:	2nd:	2.5	oil:	6.0			<table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Ø :</td> <td>46.0</td> <td rowspan="2">Length:</td> </tr> <tr> <td>Length:</td> <td>106.0</td> </tr> </table>				Ø :	46.0	Length:	Length:	106.0
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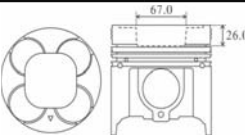

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6QA1 11,044 cc 6 cyl 125.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 46.0 Length: 106.0
		Length: 257.0 Outside Ø: 140.0 Flange Ø: 146.7 Flange depth: 11.0 +2.0				
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 18900 FA	LB 18900 F (phosphated and water jacked chromed)	KBS 18900 A	KB 18900 A	KR 18900	PB 18900

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6WA1-TC 12,068 cc 6 cyl 132.9 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 56.0 Length: 105.0
		Length: 266.0 Outside Ø: 137.0 Flange Ø: 143.7 Flange depth: 6.0				
		Reference no.:			Reference no.:	Reference no.:
		1-11261-296-0 1-11261-362-0				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 18950 FA	LB 18950 F	KBS 18950 A	KB 18950 A	KR 18950	PB 18950

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
E120 12,023 cc 6 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 50.0 Length: 105.0
		Length: 264.0 Outside Ø: 141.0 Flange Ø: 146.7 Flange depth: 6.0				
		Reference no.:			Reference no.:	Reference no.:
		9-12261-290-0				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 25150 FA	LB 25150 F (phosphated)	KBS 25150 A	KB 25150 A	KR 25150	PB 25150

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
E120 12,023 cc 6 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	264.0 141.0 146.7 6.0	Length: Comp. height:	150.3 89.1 -33.3	Top: 2nd: oil:	4.0 2.5 7.0
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		9-12261-290-0			1-12111-080-1 1-12111-080-2 1-12111-091-1 1-12111-243-0	1-12121-015-0 1-12121-034-0 1-12181-022-0 1-12181-024-0	9-12251-088-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 19050 FA	LB 19050 F (phosphated)	KBS 19050 A	KB 19050 A	KR 19050	PB 19050	

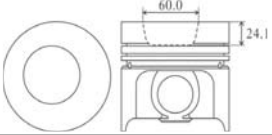

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
E120T 12,023 cc 6 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	264.0 141.0 146.7 6.0	Length: Comp. height:	150.0 89.2 -29.5	Top: 2nd: oil:	4.0 2.5 7.0
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		9-12261-290-0			1-12111-209-2 1-12111-226-2	1-12121-015-0 1-12121-034-0 1-12181-022-0 1-12181-024-0	9-12251-088-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 19100 FA	LB 19100 F (phosphated)	KBS 19100 A	KB 19100 A	KR 19100	PB 19100	

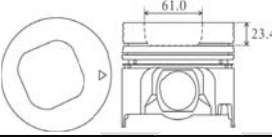

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6RA1 13,741 cc 6 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	264.0 141.0 146.7 6.0	Length: Comp. height:	150.2 89.2 -26.0	Top: 2nd: oil:	4.0 2.5 5.0
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		1-11261-082-0 1-11261-098-0 1-11261-133-0 1-11261-105-1			1-12111-461-0	1-12121-037-0 1-12121-040-0	9-12251-088-0
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 19150 FA	LB 19150 F (phosphated)	KBS 19150 A	KB 19150 A	KR 19150	PB 19150	

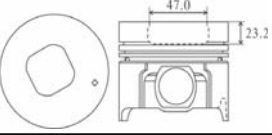

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																
6RB1		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>264.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>141.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>146.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>6.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	264.0		Outside Ø:	141.0		Flange Ø:	146.7		Flange depth:	6.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>143.1</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>82.2</td> <td></td> </tr> <tr> <td></td> <td>-27.7</td> <td></td> </tr> </table>		Piston		Length:	143.1		Comp. height:	82.2			-27.7			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>4.0</td> <td>Ø:</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> <td>Length:</td> </tr> <tr> <td>oil:</td> <td>5.0</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>50.0</td> </tr> <tr> <td></td> <td></td> <td>105.0</td> </tr> </table>		Rings		Top:	4.0	Ø:	2nd:	2.5	Length:	oil:	5.0							50.0			105.0	
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	LBS 19200 FA	LB 19200 F (phosphated)	KBS 19200 A	KB 19200 A	KR 19200	PB 19200																																																

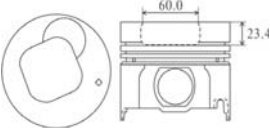

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																
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	LBS 19250 FB	LB 19250 F (phosphated)	KBS 19250 B	KB 19250 B	KR 19250	PB 19250																																																

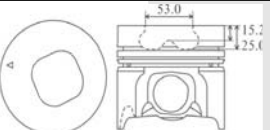

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																
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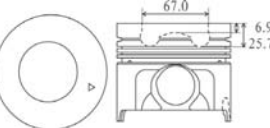

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																		
PA1 Bore Ø 115.0 mm 8 PA1 8 cyl. 9,971 cc 10 PA1 10 cyl. 12,464 cc 12 PA1 12 cyl. 14,958 cc		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>219.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>130.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>141.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>10.0 +1.2</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	219.5		Outside Ø:	130.0		Flange Ø:	141.7		Flange depth:	10.0 +1.2		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>113.3</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>75.3 -24.1</td> <td></td> </tr> </table>		Piston		Length:	113.3		Comp. height:	75.3 -24.1			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td rowspan="3">Ø : 38.0 Length: 80.0</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>6.0</td> </tr> </table>		Rings		Top:	3.0	Ø : 38.0 Length: 80.0	2nd:	2.5	oil:	6.0	
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1-11261-063-0	2 cyls pack	2 cyls pack	O-Ring: 1 cyl pack	1-12111-154-1 1 cyl pack	1-12121-042-0 1-12181-016-0 1-12181-060-0 1 cyl pack	1-12251-001-0 2 cyls pack																																		
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	LBS 19350 FA LBS 19350-1 FA LBS 19350-2 FA	LB 19350 F LB 19350 -1 F LB 19350 -2 F	KBS 19350 A	KB 19350 A	KR 19350	PB 19350																																		

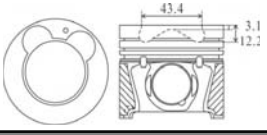

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																		
PB1 Bore Ø 115.0 mm 8 PB1 8 cyl. 11,217 cc 10 PB1 10 cyl. 14,022 cc 12 PB1 12 cyl. 16,826 cc		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>219.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>130.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>141.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>10.0 +1.2</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	219.5		Outside Ø:	130.0		Flange Ø:	141.7		Flange depth:	10.0 +1.2		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>104.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>67.8 -23.4</td> <td></td> </tr> </table>		Piston		Length:	104.0		Comp. height:	67.8 -23.4			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td rowspan="3">Ø : 38.0 Length: 78.0</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>		Rings		Top:	3.0	Ø : 38.0 Length: 78.0	2nd:	2.5	oil:	4.0	
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Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																			
1-11261-063-0	2 cyls pack	2 cyls pack	O-Ring: 1 cyl pack	1-12111-156-1 1-12111-217-1 1 cyl pack	1-12121-043-0 1-12181-058-0 1-12181-061-0 1-12181-069-0 1 cyl pack	1-12251-011-0 2 cyls pack																																		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																		
	LBS 19400 FA LBS 19400-1 FA LBS 19400-2 FA	LB 19400 F LB 19400 -1 F LB 19400 -2 F	KBS 19400 A	KB 19400 A	KR 19400	PB 19400																																		

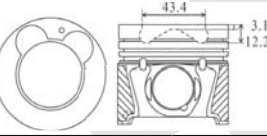

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																		
PC1 Bore Ø 119.0 mm 8 PC1 8 cyl. 12,011 cc 10 PC1 10 cyl. 15,014 cc 12 PC1 12 cyl. 18,017 cc		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>219.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>133.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>143.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>10.0 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	219.5		Outside Ø:	133.0		Flange Ø:	143.7		Flange depth:	10.0 +1.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>104.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>67.7 -23.2</td> <td></td> </tr> </table>		Piston		Length:	104.0		Comp. height:	67.7 -23.2			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td rowspan="3">Ø : 38.0 Length: 80.5</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>		Rings		Top:	3.0	Ø : 38.0 Length: 80.5	2nd:	2.5	oil:	4.0	
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Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																			
1-11261-143-1	2 cyls pack	2 cyls pack	O-Ring: 1 cyl pack	1-12111-419-2 1 cyl pack	1-12121-047-0 1-12121-048-0 1 cyl pack	1-12251-001-0 2 cyls pack																																		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																		
	LBS 19450 FA LBS 19450-1 FA LBS 19450-2 FA	LB 19450 F LB 19450 -1 F LB 19450 -2 F	KBS 19450 A	KB 19450 A	KR 19450	PB 19450																																		

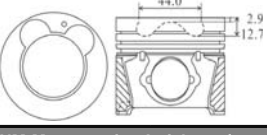

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
PC1T TURBO Bore Ø 119.0 mm 8 PC1T 8 cyl. 12,011 cc 10 PC1T 10 cyl. 15,014 cc 12 PC1T 12 cyl. 18,017 cc		Liner/ Sleeve	Piston		Rings	Ø : 38.0 Length: 80.0
		Length: 219.5 Outside Ø: 133.0 Flange Ø: 143.7 Flange depth: 10.0 +1.0	Length: 104.0 Comp. height: 67.7 -23.4		Top: 4.0 2nd: 2.5 oil: 4.0	
	2 cyls pack	2 cyls pack	1 cyl pack	1 cyl pack	1 cyl pack	2 cyls pack
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 45200 FA LBS 45200-1 FA LBS 45200-2 FA	LB 45200 F LB 45200 -1 F LB 45200 -2 F	KBS 45200 A	KB 45200 A	KR 45200	PB 45200

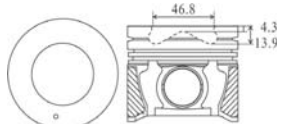

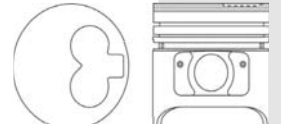

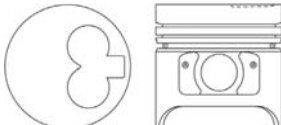

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
PD1 Bore Ø 119.0 mm 8 PD1 8 cyl. 13,741 cc 10 PD1 10 cyl. 16,683 cc 12 PD1 12 cyl. 20,019 cc		Liner/ Sleeve	Piston		Rings	Ø : 43.0 Length: 80.0
		Length: 234.0 Outside Ø: 132.95 Flange Ø: 143.6 Flange depth: 10.1	Length: 106.6 Comp. height: 67.6 -15.2 -25.0		Top: 4.0 2nd: 2.5 oil: 4.0	
	2 cyls pack	2 cyls pack	1 cyl pack	1 cyl pack	1 cyl pack	2 cyls pack
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 19550 FA LBS 19550-1 FA LBS 19550-2 FA	LB 19550 F LB 19550 -1 F LB 19550 -2 F (Water jacket chromed)	KBS 19550 A	KB 19550 A	KR 19550	PB 19550

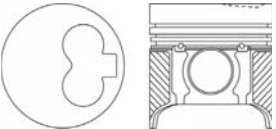

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
PE1 Bore Ø 127.0 mm 8 PE1 8 cyl. 15,201 cc 10 PE1 10 cyl. 19,001 cc 12 PE1 12 cyl. 22,801 cc		Liner/ Sleeve	Piston	Alfin and with oil gallery	Rings	Ø : 43.0 Length: 79.7
		Length: 233.0 Outside Ø: 130.5 Flange Ø: 136.5 Flange depth: 6.0	Length: 106.6 Comp. height: 67.7 -6.9 -25.7		Top: 3.8 2nd: 3.0 3rd: 3.0 oil: 4.0	
	2 cyls pack	2 cyls pack	1 cyl pack	1 cyl pack	1 cyl pack	2 cyls pack
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 19600 FB LBS 19600-1 FB LBS 19600-2 FB	LB 19600 F LB 19600 -1 F LB 19600 -2 F	KBS 19600 B	KB 19600 B	KR 19600	PB 19600

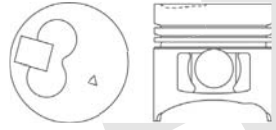

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
PICANTO 1.1 TDi 2004-2006 1,119 cc 3 cyl 75.0 mm Bore Ø		Flanged	No flange	Piston	Alfin and with oil gallery skirt MOS2 treated	Rings	Ø : 28.0 Length: 60.0
		Length: 142.0 Outside Ø: 78.0 Flange Ø: 80.0 Flange depth: 4.0	142.0 78.0				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:
NM-Motorservice Article no./ Artikelnummer/ Modelo пункта/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 40750 PB LBS 40750 SB	LB 40750 P LB 40750 S		KBS 40750 B	KB 40750 B	KR 40750	PB 40750

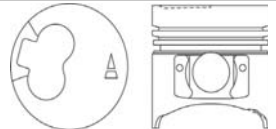

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
CERATO 1.5 TDi RIO 1.5 CRDi 2006-2008 1,493 cc 4 cyl 75.0 mm Bore Ø		Flanged	No flange	Piston	Alfin and with oil gallery skirt MOS2 treated	Rings	Ø : 28.0 Length: 60.0
		Length: 142.0 Outside Ø: 78.0 Flange Ø: 80.0 Flange depth: 4.0	142.0 78.0				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:
NM-Motorservice Article no./ Artikelnummer/ Modelo пункта/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 40800 PB LBS 40800 SB	LB 40800 P LB 40800 S		KBS 40800 B	KB 40800 B	KR 40800	PB 40800

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
CEE'D 1.6 TCi CERATO 1.6 TDi 2006-2008 1,582 cc 4 cyl 77.2 mm Bore Ø		Flanged	No flange	Piston	Alfin and with oil gallery skirt MOS2 treated	Rings	Ø : 28.0 Length: 62.0
		Length: 142.0 Outside Ø: 78.0 Flange Ø: 80.0 Flange depth: 4.0	142.0 78.0				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:
NM-Motorservice Article no./ Artikelnummer/ Modelo пункта/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 40850 PB LBS 40850 SB	LB 40850 P LB 40850 S		KBS 40850 B	KB 40850 B	KR 40850	PB 40850

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																										
CARENS CRDi NEW SPORTAGE Tci 2002-2006 1,991 cc 4 cyl 83.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> <td></td> </tr> <tr> <td>Length:</td> <td>153.5</td> <td>153.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>86.0</td> <td>86.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>89.0</td> <td></td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>4.8</td> <td></td> <td></td> </tr> </table>		Flanged	No flange		Length:	153.5	153.5		Outside Ø:	86.0	86.0		Flange Ø:	89.0			Flange depth:	4.8			<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>72.3</td> </tr> <tr> <td>Comp. height:</td> <td>46.3</td> </tr> <tr> <td></td> <td>-4.3</td> </tr> <tr> <td></td> <td>-13.9</td> </tr> </table>		Piston	Length:	72.3	Comp. height:	46.3		-4.3		-13.9	Alfin skirt MOS2 treated pin bushing inserted	<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>		Rings	Top:	2.0	2nd:	2.0	oil:	3.0	<table border="1"> <tr> <td>Ø:</td> <td>28.0</td> </tr> <tr> <td>Length:</td> <td>65.5</td> </tr> </table>	Ø:	28.0	Length:	65.5
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																										
	LBS 40900 PA LBS 40900 SA	LB 40900 P LB 40900 S	KBS 40900 A	KB 40900 A	KR 40900	PB 40900																																										
NB-1 B2200 NEW BESTA 2,184 cc 4 cyl 86.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>163.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>89.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>94.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.8</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	163.0		Outside Ø:	89.0		Flange Ø:	94.0		Flange depth:	2.8		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>86.3</td> </tr> <tr> <td>Comp. height:</td> <td>47.3</td> </tr> <tr> <td></td> <td>-1.6</td> </tr> </table>		Piston	Length:	86.3	Comp. height:	47.3		-1.6		<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>		Rings	Top:	2.0	2nd:	2.0	oil:	4.0	<table border="1"> <tr> <td>Ø:</td> <td>25.0</td> </tr> <tr> <td>Length:</td> <td>68.5</td> </tr> </table>	Ø:	25.0	Length:	68.5							
			Liner/ Sleeve																																													
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																										
	LBS 40950 FA LBS 40950 SA	LB 40950 F LB 40950 S	KBS 40950 A	KB 40950 A	KR 40950	PB 40950																																										
HW 2,184 cc 4 cyl 86.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>163.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>89.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>94.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.8</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	163.0		Outside Ø:	89.0		Flange Ø:	94.0		Flange depth:	2.8		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>86.3</td> </tr> <tr> <td>Comp. height:</td> <td>47.3</td> </tr> <tr> <td></td> <td>-1.6</td> </tr> </table>		Piston	Length:	86.3	Comp. height:	47.3		-1.6		<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>		Rings	Top:	2.0	2nd:	2.0	oil:	4.0	<table border="1"> <tr> <td>Ø:</td> <td>25.0</td> </tr> <tr> <td>Length:</td> <td>68.0</td> </tr> </table>	Ø:	25.0	Length:	68.0							
			Liner/ Sleeve																																													
		Length:	163.0																																													
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																										
	LBS 41000 FA LBS 41000 SA	LB 41000 F LB 41000 S	KBS 41000 A	KB 41000 A	KR 41000	PB 41000																																										

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
NB-7 RF-TCi SPORTAGE TURBO 1,998 cc 4 cyl 86.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : Length:
			Length: Outside Ø: Flange Ø: Flange depth:	163.0 89.0 94.0 2.8		Length: Comp. height:	86.2 47.2 -1.2 -3.1	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
				OK054-11-102 OK0Y1-11-SAO OK0Y1-11-SAX OK0Y1-11-SBZ	K7Y1-11-SCO OK054-11-SCO OK7Y1-11-SCO OK0Y1-11-SDX OK0Y1-11-SDZ			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 41050 FB LBS 41050 SB	LB 41050 F LB 41050 S	KBS 41050 B	KB 41050 B	KR 41050	PB 41050		



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
K2500 (L/R) PREGIO 2,476 cc 4 cyl 91.1 mm Bore Ø		Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : Length:
			Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2		Length: Comp. height:	88.7 48.7 -1.2 -2.7	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
					(L/R)				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 41100 PB LBS 41100 SB	LB 41100 P LB 41100 S	KBS 41100 B	KB 41100 B	KR 41100	PB 41100			

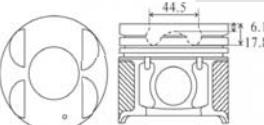

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
K2500 TCi (L/R) PREGIO 2,476 cc 4 cyl 91.1 mm Bore Ø		Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : Length:
			Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2		Length: Comp. height:	88.7 48.7 -2.3	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
					(L/R)				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 41150 PB LBS 41150 SB	LB 41150 P LB 41150 S	KBS 41150 B	KB 41150 B	KR 41150	PB 41150			

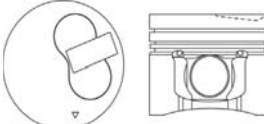

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																			
K2500 (L/R) PREGIO FP 2,476 cc 4 cyl 91.1 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>165.0</td> <td>165.0</td> </tr> <tr> <td>Outside Ø:</td> <td>94.2</td> <td>94.2</td> </tr> <tr> <td>Flange Ø:</td> <td>98.1</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.0</td> <td></td> </tr> </table>		Flanged	No flange	Length:	165.0	165.0	Outside Ø:	94.2	94.2	Flange Ø:	98.1		Flange depth:	2.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>88.7</td> </tr> <tr> <td>Comp. height:</td> <td>48.7</td> </tr> <tr> <td></td> <td>-3.0</td> </tr> </table>	Piston		Length:	88.7	Comp. height:	48.7		-3.0	Alfin and with oil gallery	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> <tr> <td>Ø:</td> <td>29.0</td> </tr> <tr> <td>Length:</td> <td>75.0</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.0	oil:	4.0	Ø:	29.0	Length:	75.0	
			Flanged	No flange																																					
Length:	165.0	165.0																																							
Outside Ø:	94.2	94.2																																							
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Piston																																									
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																			
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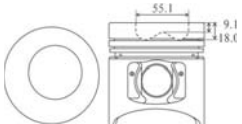

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
SF K2400 2,417 cc 4 cyl 92.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>165.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>96.9</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>100.9</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.86</td> <td></td> </tr> <tr> <td></td> <td>+0.8</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	165.0		Outside Ø:	96.9		Flange Ø:	100.9		Flange depth:	3.86			+0.8		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>94.6</td> </tr> <tr> <td>Comp. height:</td> <td>50.6</td> </tr> <tr> <td></td> <td>-1.9</td> </tr> <tr> <td></td> <td>-4.6</td> </tr> </table>	Piston		Length:	94.6	Comp. height:	50.6		-1.9		-4.6		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.4</td> </tr> <tr> <td>2nd:</td> <td>2.4</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> <tr> <td>Ø:</td> <td>28.0</td> </tr> <tr> <td>Length:</td> <td>75.0</td> </tr> </table>	Rings		Top:	2.4	2nd:	2.4	oil:	4.0	Ø:	28.0	Length:	75.0	
			Liner/ Sleeve																																											
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Flange Ø:	100.9																																													
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		1456-10-311 1456-10-311B K456-10-311 K756-10-311 OK756-10-311 OK756-10-311A		K768-11-102 K720-11-SAO OK720-11-SAO OK720-11-SBX OK720-11-SBZ	K756-23-206 K720-11-SCO OK720-11-SCO OK720-11-SCD OK720-11-SCX OK720-11-SCY OK720-11-SCZ																																									
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																								
	LBS 41250 FA LBS 41250 SA	LB 41250 F LB 41250 S	KBS 41250	KB 41250	KR 41250	PB 41250																																								

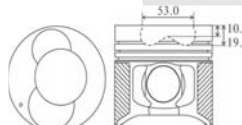

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
RFA CN HI-BESTA 2,662 cc 4 cyl 93.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>167.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>96.8</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>102.2</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5</td> <td></td> </tr> <tr> <td></td> <td>+0.5</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	167.5		Outside Ø:	96.8		Flange Ø:	102.2		Flange depth:	2.5			+0.5		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>85.2</td> </tr> <tr> <td>Comp. height:</td> <td>48.2</td> </tr> <tr> <td></td> <td>-1.8</td> </tr> <tr> <td></td> <td>-2.8</td> </tr> </table>	Piston		Length:	85.2	Comp. height:	48.2		-1.8		-2.8	Alfin and with oil gallery	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> <tr> <td>Ø:</td> <td>30.0</td> </tr> <tr> <td>Length:</td> <td>76.0</td> </tr> </table>	Rings		Top:	2.0	2nd:	2.0	oil:	3.0	Ø:	30.0	Length:	76.0	
			Liner/ Sleeve																																											
Length:	167.5																																													
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																								
	LBS 41300 FB LBS 41300 SB	LB 41300 F (phosphated) LB 41300 S	KBS 41300 B	KB 41300 B	KR 41300	PB 41300																																								

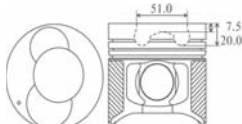

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
J2 JS K2700 FRONTIER-PREGIO 2.7 2,665 cc 4 cyl 94.5 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	166.0 97.47 104.2 3.85 +0.5	Length: Comp. height:	81.7 50.0 -1.9 -3.4	Top: 2nd: oil:	2.0 2.0 3.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		K65A-10-311 OK65A-10-311 OK65B-10-311		K6Z1-11-SAO OK6Z1-11-SAO	K6Z1-11-SCO K6Z1-46-SCO OK6Z1-11-SCO	OSE01-11-213	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 41350 FA LBS 41350 SA	LB 41350 F (phosphated) LB 41350 S	KBS 41350 A	KB 41350 A	KR 41350	PB 41350	

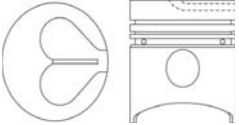

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин			
J3 TCi K2900 2,902 cc 2,902 cyl 97.1 mm Bore Ø		Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	168.0 101.5 106.0 2.5 +0.7	168.0 101.2	Length: Comp. height:	84.0 52.0 -6.1 -17.8	Alfin and with oil gallery skirt MOS2 treated	Top: 2nd: oil:	2.0 2.0 3.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:			
		OK551-10-311 OK551-10-311A		OK5Z1-11-SAO	K5Z1-11-SCO OK5Z1-11-SCO				
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	LBS 41400 FB LBS 41400 PB LBS 41400 SB	LB 41400 F LB 41400 P LB 41400 S	KBS 41400 B	KB 41400 B	KR 41400	PB 41400			

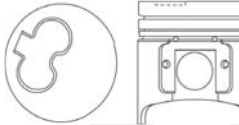

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
JT PREGIO 3.0 3,000 cc 4 cyl 98.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	166.2 101.5 107.0 2.5 +0.7	Length: Comp. height:	76.1 45.5 -1.4 -4.9	Alfin and with oil gallery skirt MOS2 treated	Top: 2nd: oil:	2.0 2.0 3.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		K75A-10-311 OK75A-10-311 OK75A-10-311B OK75B-10-311		KDAJ2-11-SAO K7Z1-11-SAO OK7Z1-11-SAO	K7Z1-11-SCO OK7Z1-11-SCO	OSE01-11-213		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 41450 FB LBS 41450 SB	LB 41450 F (phosphated) LB 41450 S	KBS 41450 B	KB 41450 B	KR 41450	PB 41450		

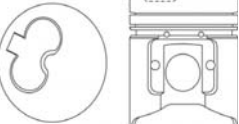

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
JD K3500		Liner/ Sleeve	Piston		Rings	Ø : 34.0 Length: 82.0
		Length: 193.5 Outside Ø: 103.5 Flange Ø: 108.0 Flange depth: 2.5 +0.8	Length: 105.0 Comp. height: 58.0 -9.1 -18.0	Top: 2.5 2nd: 2.0 oil: 4.5		
3,455 cc 4 cyl 100.0 mm Bore Ø						
						
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 44550 FA LBS 44550 SA	LB 44550 F LB 44550 S	KBS 44550 A	KB 44550 A	KR 44550	PB 44550



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
SH K3600		Liner/ Sleeve	Piston		Rings	Ø : 34.0 Length: 82.0
		Length: 193.5 Outside Ø: 103.5 Flange Ø: 108.0 Flange depth: 2.5 +0.8	Length: 102.0 Comp. height: 56.2 -10.3 -19.2	With oil gallery skirt MOS2 treated		
3,598 cc 4 cyl 100.0 mm Bore Ø						
						
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 41550 G LBS 41550 G	LB 41550 FG LB 41550 SG	KBS 41550 G	KB 41550 G	KR 41550	PB 41550



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
SH K3600 New		Liner/ Sleeve	Piston		Rings	Ø : 34.0 Length: 82.0
		Length: 193.5 Outside Ø: 103.5 Flange Ø: 108.0 Flange depth: 2.5 +0.8	Length: 102.0 Comp. height: 56.2 -7.55 -20.0	With oil gallery skirt MOS2 treated		
3,598 cc 4 cyl 100.0 mm Bore Ø						
						
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 41600 FG LBS 41600 SG	LB 41600 F LB 41600 S	KBS 41600 G	KB 41600 G	KR 41600	PB 41600

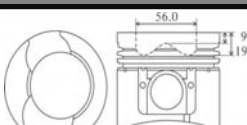

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D94 2,940 cc 4 cyl 94.0 mm Bore Ø			Liner/ Sleeve	Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	181.0 108.0 117.0 10.0 +1.0	Length: Comp. height:	99.0 55.0 -3.2 -8.5	Top: 2nd: oil:	2.9 2.5 5.0	Ø: Length:	32.0 74.0		
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		6142-22-2211 6144-21-2211		O-Ring: 6142-21-2230		6142-32-2120		6142-32-2020 6142-32-2030		6140-31-3131	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 19650 F LBS 19650 FA	LB 19650 F LB 19650 S		KBS 19650 KBS 19650 A		KB 19650 A KB 19650 A		KR 19650		KR 19650	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D94 2,775 cc 4 cyl 94.0 mm Bore Ø			Liner/ Sleeve	Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	181.0 108.0 117.0 10.0 +1.0	Length: Comp. height:	99.4 55.4 -2.4 -4.4	Top: 2nd: oil:	2.0 2.0 3.0	Ø: Length:	30.0 72.5		
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		6142-22-2211 6144-21-2211		O-Ring: 6142-21-2230				6209-21-2400		129900-23910	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 19700 FA LBS 19700 SA	LB 19700 F LB 19700 S		KBS 19700 A		KB 19700 A		KR 19700		PB 19700	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D94E 2,775 cc 4 cyl 94.0 mm Bore Ø			Liner/ Sleeve	Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	181.0 108.0 117.0 10.0 +1.0	Length: Comp. height:	103.8 59.7 -3.4	Top: 2nd: oil:	2.0 2.0 3.0	Ø: Length:	30.0 74.0		
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		6142-22-2211 6144-21-2211		O-Ring: 6142-21-2230				6209-21-2400		129900-23910	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 19750 FA LBS 19750 SA	LB 19750 F LB 19750 S		KBS 19750 A		KB 19750 A		KR 19750		PB 19750	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4D94			Liner/ Sleeve	Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	181.0 108.0 117.0 10.0 +1.0		Length: Comp. height:		103.8 59.7 -3.4	Top: 2nd: oil:	
2,775 cc 4 cyl 94.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		6142-22-2211 6144-21-2211		O-Ring: 6142-21-2230				129900-23910	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 19800 FA LBS 19800 SA	LB 19800 F LB 19800 S		KBS 19800 A		KB 19800 A	KR 19800	PB 19800	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4D95			Liner/ Sleeve	Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	180.0 98.0 104.0 4.0		Length: Comp. height:		94.2 51.1 -10.2 -20.1	Top: 2nd: oil:	
3,260 cc 4 cyl 95.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		6207-21-2110 6207-21-2120 6207-21-2121				6204-31-2121	6204-31-2200 6204-31-2203	6204-31-3130	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 19850 F LBS 19850 FA	LB 19850 F (phosphated)		KBS 19850 KBS 19850 A		KB 19850 KB 19850 A	KR 19850	PB 19850	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
S4D95/ S6D95			Liner/ Sleeve	Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	180.0 98.0 104.0 4.0		Length: Comp. height:		94.2 51.2 -9.5 -19.6	Top: 2nd: oil:	
3,260 cc / 4,890 cc 4 / 6 cyl 95.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		6207-21-2110 6207-21-2120 6207-21-2121				6207-31-2141	6207-31-2400 6207-31-2500 6207-31-2501	6204-31-3130 6207-31-3130	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 19900 FA LBS 19900-1 FA	LB 19900 F LB 19900 -1 F (phosphated)		KBS 19900-4A KBS 19900-6A		KB 19900-4A KB 19900-6A	KR 19900-4 KR 19900-6	PB 19900-4 PB 19900-6	

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D95S 3,260 cc 4 cyl 95.0 mm Bore Ø		Liner/ Sleeve Length: 180.0 Outside Ø: 98.0 Flange Ø: 104.0 Flange depth: 4.0	Piston Length: 104.1 Comp. height: 61.0 -1.7 -3.6		Rings Top: 2.2 2nd: 2.2 oil: 4.0	Ø : 30.0 Length: 74.0
		6207-21-2110 6207-21-2120 6207-21-2121		6202-32-2140	6202-32-2300	6204-31-3130
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 19950 F LBS 19950 FA	LB 19950 F (phosphated)	KBS 19950 KBS 19950 A	KB 19950 KB 19950 A	KR 19950	PB 19950

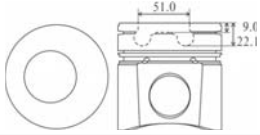

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6D95 4,890 cc 6 cyl 95.0 mm Bore Ø		Liner/ Sleeve Length: 180.0 Outside Ø: 98.0 Flange Ø: 104.0 Flange depth: 4.0	Piston Length: 94.2 Comp. height: 51.1 -9.1 -18.8		Rings Top: 2.0 2nd: 2.0 oil: 4.0	Ø : 30.0 Length: 74.0
		6207-21-2110 6207-21-2120 6207-21-2121		6204-31-2201 6204-31-2202	6207-31-3130	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 44250 F LBS 44250 FA	LB 44250 F (phosphated)	KBS 44250 KBS 44250 A	KB 44250 KB 44250 A	KR 44250	PB 44250

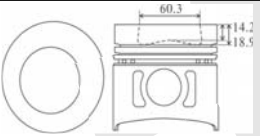

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
S6D95L 4,890 cc 6 cyl 95.0 mm Bore Ø		Liner/ Sleeve Length: 180.0 Outside Ø: 98.0 Flange Ø: 104.0 Flange depth: 4.0	Piston Length: 94.2 Comp. height: 51.2 -9.4 -19.6		Rings Top: 2.45 2nd: 2.2 oil: 4.0	Ø : 30.0 Length: 74.0
		6207-21-2110 6207-21-2120 6207-21-2121		6207-31-2180	6209-31-2400	6207-31-3530
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 20050 F LBS 20050 FA	LB 20050 F (phosphated)	KBS 20050 KBS 20050 A	KB 20050 KB 20050 A	KR 20050	PB 20050

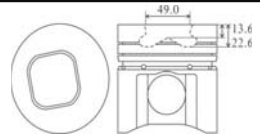

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D95L 3,260 cc 4 cyl 95.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 30.0 Length: 74.0
		Length: 180.0 Outside Ø: 98.0 Flange Ø: 104.0 Flange depth: 4.0	Length: 94.1 Comp. height: 51.1 -1.8 -3.8		Top: 2.2 2nd: 2.0 oil: 4.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		6207-21-2110 6207-21-2120 6207-21-2121		6202-32-2120 6204-32-2161	6202-32-2200 6202-32-2202	6204-31-3130
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 44300 FA	LB 44300 F (phosphated)	KBS 44300 A	KB 44300 A	KR 44300	PB 44300

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D95 3,260 cc 4 cyl 95.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 30.0 Length: 74.0
		Length: 180.0 Outside Ø: 98.0 Flange Ø: 104.0 Flange depth: 4.0	Length: 104.0 Comp. height: 61.0 -2.0 -3.8		Top: 2.2 2nd: 2.0 oil: 4.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		6207-21-2110 6207-21-2120 6207-21-2121			6202-32-2200 6202-32-2202	6204-31-3130
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 20150 F	LB 20150 F (phosphated)	KBS 20150	KB 20150	KR 20150	PB 20150

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6D95A 4,890 cc 6 cyl 95.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 30.0 Length: 74.0
		Length: 180.0 Outside Ø: 98.0 Flange Ø: 104.0 Flange depth: 4.0	Length: 104.3 Comp. height: 61.3 -8.0 -15.8		Top: 2.0 2nd: 2.0 oil: 4.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		6207-21-2110 6207-21-2120 6207-21-2121		6202-33-2150	6204-31-2201 6204-31-2202	6207-31-3130
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 20200 FA	LB 20200 F (phosphated)	KBS 20200 A	KB 20200 A	KR 20200	PB 20200

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
S4D102 S6D102 3,933 cc / 5,900 cc 4 / 6 cyl 102.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 40.0 Length: 83.0
		Length: 200.0 Outside Ø: 104.5 Flange Ø: Flange depth:	Length: 105.4 Comp. height: 71.6 -9.0 -22.1		Top: 2.85 2nd: 2.35 oil: 4.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		6736-29-2110		6735-31-2110 6735-31-2111 6735-31-2140	6738-31-2030 6738-31-2031	6732-31-3131
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 20250-4 PA LBS 20250-6 PA	LB 20250-4 P LB 20250-6 P	KBS 20250-4A KBS 20250-6A	KB 20250-4A KB 20250-6A	KR 20250-4 KR 20250-6	PB 20250-4 PB 20250-6

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
S6D102 5,900 cc 6 cyl 102.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 34.0 Length: 84.0
		Length: 200.0 Outside Ø: 104.5 Flange Ø: Flange depth:	Length: 97.8 Comp. height: 57.8 -14.2 -18.9		Top: 3.1 2nd: 2.0 oil: 4.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		6736-29-2110				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 20300 PA	LB 20300 P	KBS 20300 A	KB 20300 A	KR 20300	PB 20300

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D105 6D105 4,326 cc / 6,490 cc 4/6 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 40.0 Length: 84.0
		Length: 223.0 Outside Ø: 118.7 Flange Ø: 127.0 Flange depth: 10.0 +1.0	Length: 107.5 Comp. height: 69.0 -13.6 -22.6		Top: 3.0 2nd: 2.5 oil: 5.0	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		6136-21-2210 6137-21-2210 6137-22-2210	O-Ring: 6136-21-2220 6136-21-2230 6136-21-2240	6136-31-2012 6136-31-2112	6130-31-2202 6130-32-2202 6130-32-2301 6130-32-2302 6136-31-2010 6136-31-2030	6136-31-3130
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 20350-4 FA LBS 20350-6 FA	LB 20350-4 F LB 20350-6 F (Phosphated)	KBS 20350-4A KBS 20350-6A	KB 20350-4A KB 20350-6A	KR 20350-4 KR 20350-6	PB 20350-4 PB 20350-6

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D105-3C 4,330 cc 4 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 38.0 Length: 88.0
		Length: 223.0 Outside Ø: 118.0 Flange Ø: 125.5 Flange depth: 10.0 1.0	Length: 107.5 Comp. height: 69.0 -12.6 -20.6		Top: 3.0 2nd: 2.5 oil: 5.0	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		6130-22-2310	O-Ring: 6130-21-2220 6130-21-2230	6130-32-2110	6130-31-2202 6130-32-2202 6130-32-2301 6130-32-2302	6130-31-3130
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 20400 F LBS 20400 FA	LB 20400 F (phosphated)	KBS 20400 KBS 20400 A	KB 20400 KB 20400 A	KR 20400	PB 20400

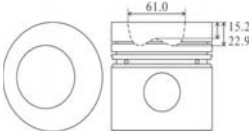

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6D105 6,490 cc 6 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 40.0 Length: 86.0
		Length: 223.0 Outside Ø: 118.7 Flange Ø: 127.0 Flange depth: 10.0 +1.0	Length: 107.5 Comp. height: 69.0 -13.5 -22.7		Top: 3.0 2nd: 2.5 oil: 5.0	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		6136-21-2210 6137-21-2210 6137-22-2210	O-Ring: 6136-21-2220 6136-21-2230 6136-21-2240	6137-31-2020	6137-31-2040	6136-32-3130
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 20450 FA	LB 20450 F (phosphated)	KBS 20450 A	KB 20450 A	KR 20450	PB 20450

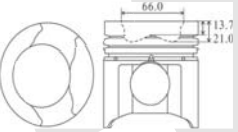

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D105 6D105 4,326 cc/ 6,490 cc 4/6 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 40.0 Length: 83.5
		Length: 223.0 Outside Ø: 118.7 Flange Ø: 127.0 Flange depth: 10.0 +1.0	Length: 107.7 Comp. height: 69.2 -15.5 -22.8		Top: 3.0 2nd: 2.5 oil: 5.0	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		6136-21-2210 6137-21-2210 6137-22-2210	O-Ring: 6136-21-2220 6136-21-2230 6136-21-2240	6136-32-2010 6136-32-2110	6130-31-2202 6130-32-2202 6130-32-2301 6130-32-2302 6136-31-2010 6136-31-2030	6136-32-3130
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 44700-4 FA LBS 44700-6 FA	LB 44700-4 F LB 44700-6 F (phosphated)	KBS 44700-4A KBS 44700-6A	KB 44700-4A KB 44700-6A	KR 44700-4 KR 44700-6	PB 44700-4 PB 44700-6

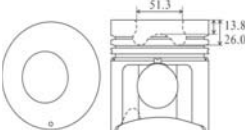

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин			
SA6D105 6,490 cc 6 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	223.0 118.7 127.0 10.0 +1.0	Length: Comp. height:	107.7 69.2 -16.2 -23.7	Top: 2nd: oil:	3.0 2.5 5.0	Ø : Length:	40.0 86.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:			
		6136-21-2210 6137-21-2210 6137-22-2210	O-Ring: 6136-21-2220 6136-21-2230 6136-21-2240	6137-32-2030 6137-32-2130	6137-31-2040	6136-32-3130			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:			
	LBS 20550 FA	LB 20550 F (phosphated)	KBS 20550 A	KB 20550 A	KR 20550	PB 20550			

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин			
S4D105 4,330 cc 4 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	223.0 118.0 125.5 10.0 +1.0	Length: Comp. height:	107.5 69.0 -15.2 -22.9	Top: 2nd: oil:	3.0 2.5 5.0	Ø : Length:	38.0 88.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:			
		6130-22-2310	O-Ring: 6130-21-2220 6130-21-2230	6131-32-2120	6130-31-2201 6130-31-2301 6131-31-2201 6131-31-2301 6131-32-2201 6131-32-2301 6131-32-2302	6130-31-3130			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:			
	LBS 20600 FA	LB 20600 F (phosphated)	KBS 20600 A	KB 20600 A	KR 20600	PB 20600			

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин			
SA6D105 6,490 cc 6 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	223.0 118.7 127.0 10.0 1.0	Length: Comp. height:	107.7 69.2 -14.7 -22.2	Top: 2nd: oil:	3.0 2.5 5.0	Ø : Length:	40.0 86.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:			
		6136-21-2210 6137-21-2210 6137-22-2210	6136-21-2220 6136-21-2230 6136-21-2240	6137-32-2010 6137-32-2110	6137-31-2040	6136-32-3130			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:			
	LBS 26650 FA	LB 26650 F (phosphated)	KBS 26650 A	KB 26650 A	KR 26650	PB 26650			

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																														
4D105		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>223.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>118.7</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>127.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>10.0</td> <td>+1.0</td> </tr> </table>		Liner/ Sleeve		Length:	223.0		Outside Ø:	118.7		Flange Ø:	127.0		Flange depth:	10.0	+1.0	<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>107.5</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>69.0</td> <td></td> </tr> <tr> <td></td> <td>-15.2</td> <td></td> </tr> <tr> <td></td> <td>-22.9</td> <td></td> </tr> </table>		Piston		Length:	107.5		Comp. height:	69.0			-15.2			-22.9			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.5</td> <td rowspan="3">Ø: Length:</td> </tr> <tr> <td>2nd: oil:</td> <td>3.5</td> </tr> <tr> <td></td> <td>5.0</td> </tr> <tr> <td></td> <td></td> <td>38.0</td> </tr> <tr> <td></td> <td></td> <td>88.0</td> </tr> </table>		Rings		Top:	3.5	Ø: Length:	2nd: oil:	3.5		5.0			38.0			88.0	
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4,330 cc 4 cyl 105.0 mm Bore Ø		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																														
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	LBS 20700 FA	LB 20700 F (phosphated)	KBS 20700 A	KB 20700 A	KR 20700	PB 20700																																														



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																														
SA6D108		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>219.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>111.5</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>120.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td>+1.0</td> </tr> </table>		Liner/ Sleeve		Length:	219.5		Outside Ø:	111.5		Flange Ø:	120.0		Flange depth:	5.0	+1.0	<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>113.8</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>66.7</td> <td></td> </tr> <tr> <td></td> <td>-13.7</td> <td></td> </tr> <tr> <td></td> <td>-21.0</td> <td></td> </tr> </table>		Piston		Length:	113.8		Comp. height:	66.7			-13.7			-21.0			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.43</td> <td rowspan="3">Ø: Length:</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5</td> </tr> <tr> <td></td> <td>4.0</td> </tr> <tr> <td></td> <td></td> <td>45.0</td> </tr> <tr> <td></td> <td></td> <td>85.0</td> </tr> </table>		Rings		Top:	2.43	Ø: Length:	2nd: oil:	2.5		4.0			45.0			85.0	
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	LBS 20750 FA	LB 20750 F (phosphated)	KBS 20750 A	KB 20750 A	KR 20750	PB 20750																																														



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																														
S6D108		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>219.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>111.5</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>120.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td>+1.0</td> </tr> </table>		Liner/ Sleeve		Length:	219.5		Outside Ø:	111.5		Flange Ø:	120.0		Flange depth:	5.0	+1.0	<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>113.8</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>66.7</td> <td></td> </tr> <tr> <td></td> <td>-13.8</td> <td></td> </tr> <tr> <td></td> <td>-26.0</td> <td></td> </tr> </table>		Piston		Length:	113.8		Comp. height:	66.7			-13.8			-26.0		Pistons are alfin and with oil gallery	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.43</td> <td rowspan="3">Ø: Length:</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5</td> </tr> <tr> <td></td> <td>4.0</td> </tr> <tr> <td></td> <td></td> <td>45.0</td> </tr> <tr> <td></td> <td></td> <td>85.0</td> </tr> </table>		Rings		Top:	2.43	Ø: Length:	2nd: oil:	2.5		4.0			45.0			85.0	
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	LBS 20800 FB	LB 20800 F (phosphated)	KBS 20800 B	KB 20800 B	KR 20800	PB 20800																																														

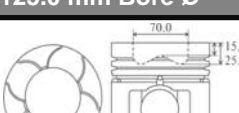

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
S6D110 7,130 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	225.0 115.0 120.0 5.0 +1.0	Length: Comp. height:	116.0 69.0 -11.5 -20.5	Top: 2nd: oil:	3.0 2.5 5.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		6138-21-2210 6138-21-2220		6138-31-2010	6138-32-2200	6138-31-3133	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 20850 FA	LB 20850 F (phosphated)	KBS 20850 A	KB 20850 A	KR 20850	PB 20850	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
SA6D110 7,130 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	225.0 115.0 120.0 5.0 +1.0	Length: Comp. height:	116.2 69.2 -13.0 -22.0	Top: 2nd: oil:	3.0 2.5 5.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		6138-21-2210 6138-21-2220		6138-32-2120	6138-32-2200	6138-31-3133	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 20900 FA	LB 20900 F (phosphated)	KBS 20900 A	KB 20900 A	KR 20900	PB 20900	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D110 7,130 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	225.0 115.0 120.0 5.0 +1.0	Length: Comp. height:	116.2 69.2 -14.8 -22.8	Top: 2nd: oil:	3.0 2.5 5.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		6138-21-2210 6138-21-2220		6138-32-2110	6138-32-2200	6138-31-3133	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 20950 FA	LB 20950 F (phosphated)	KBS 20950 A	KB 20950 A	KR 20950	PB 20950	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
S6D110 7,130 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 40.0 Length: 90.5
		Length: 225.0 Outside Ø: 115.0 Flange Ø: 120.0 Flange depth: 5.0 +1.0	Length: 116.2 Comp. height: 69.2 -11.3 -20.4		Top: 3.0 2nd: 2.5 oil: 5.0	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		6138-21-2210 6138-21-2220			6138-32-2200	6138-31-3133
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 21000 FA	LB 21000 F (phosphated)	KBS 21000 A	KB 21000 A	KR 21000	PB 21000

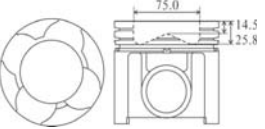

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D120 7,240 cc 4 cyl 120.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 44.0 Length: 100.0
		Length: 293.0 Outside Ø: 140.0 Flange Ø: 150.0 Flange depth: 13.0 +1.0	Length: 134.9 Comp. height: 90.0 -4.3 -7.1		Top: 3.5 2nd: 2.5 oil: 5.5	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		6110-21-2212		6110-33-2132	6110-30-2301 6110-30-2302 6110-30-2303 6110-30-2401 6110-30-2402 6110-30-2403 6113-30-2301 6113-30-2401	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 21050 FA	LB 21050 F (phosphated)	KBS 21050 A	KB 21050 A	KR 21050	

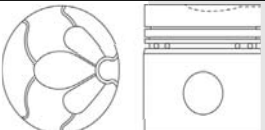

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6D125 11,040 cc 6 cyl 125.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 48.0 Length: 104.0
		Length: 256.5 Outside Ø: 141.4 Flange Ø: 153.0 Flange depth: 10.0 +2.0	Length: 131.1 Comp. height: 80.1 -15.7 -25.7		Top: 2.4 2nd: 2.4 oil: 4.0	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		6150-21-2221 6151-22-2220	6150-21-2230 6150-21-2240 6150-21-2250	6150-31-2012 6150-31-2112	6150-31-2032 6150-31-2033	6150-31-3130
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 21100 FA	LB 21100 F (phosphated)	KBS 21100 A	KB 21100 A	KR 21100	PB 21100

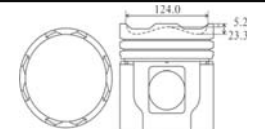

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
S6D125 11,040 cc 6 cyl 125.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	256.5 141.4 153.0 10.0 +2.0	Length: Comp. height:	131.1 80.1 -13.5 -24.7	Top: 2nd: oil:	2.4 2.4 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		6150-21-2221 6151-22-2220	6150-21-2230 6150-21-2240 6150-21-2250	6151-31-2071 6151-31-2171	6150-31-2032 6150-31-2033	6151-31-3230	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 21150 FA	LB 21150 F (phosphated)	KBS 21150 A	KB 21150 A	KR 21150	PB 21150	

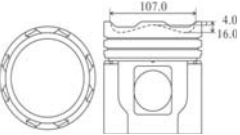

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
S6D125 11,040 cc 6 cyl 125.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	256.5 141.4 153.0 10.0 +2.0	Length: Comp. height:	131.1 80.1 -12.9 -24.1	Top: 2nd: oil:	2.4 2.4 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		6150-21-2221 6151-22-2220	O-Ring: 6150-21-2230 6150-21-2240 6150-21-2250	6151-31-2060 6151-31-2150	6150-31-2032 6150-31-2033	6150-31-3130	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 21200 FA	LB 21200 F (phosphated)	KBS 21200 A	KB 21200 A	KR 21200	PB 21200	

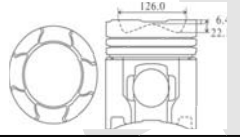

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
S6D125 11,040 cc 6 cyl 125.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	256.5 141.4 153.0 10.0 +2.0	Length: Comp. height:	131.1 80.1 -6.6 -24.0	Top: 2nd: oil:	2.4 2.4 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		6150-21-2221 6151-22-2220	O-Ring: 6150-21-2230 6150-21-2240 6150-21-2250		6150-31-2032 6150-31-2033	6150-31-3130	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 21250FA	LB 21250 F (phosphated)	KBS 21250 A	KB 21250 A	KR 21250	PB 21250	

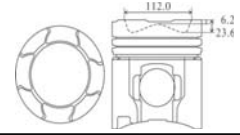

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
S6D125 11,040 cc 6 cyl 125.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	256.5 141.4 153.0 10.0 +2.0	Length: Comp. height:	117.4 80.4 -14.5 -25.8	Top: 2nd: oil:	2.4 2.4 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		6150-21-2221 6151-22-2220	O-Ring: 6150-21-2230 6150-21-2240 6150-21-2250	6151-31-2012 6151-31-2710	6150-31-2032 6150-31-2033	6150-31-3130	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 21300 FA	LB 21300 F (phosphated)	KBS 21300 A	KB 21300 A	KR 21300	PB 21300	

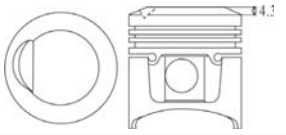

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4D130 8,490 cc 4 cyl 130.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	293.0 146.0 156.0 13.0 +1.0	Length: Comp. height:	135.0 90.0 -4.0 -6.9	Top: 2nd: oil:	3.5 2.5 5.5
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		6115-21-2211	6610-21-2221 6610-21-2240 6610-21-2250	6114-31-2111 6115-31-2112	6114-30-2303 6114-30-2403	6110-33-3120	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 21350 FA	LB 21350 F (phosphated)	KBS 21350 A	KB 21350 A	KR 21350	PB 21350	

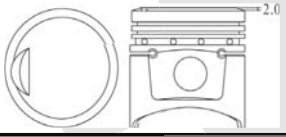

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
SA6D155 19,260 cc 6 cyl 155.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	327.0 186.0 176.0 14.3 +1.5	Length: Comp. height:	170.0 105.0 -5.2 -23.3	Top: 2nd: oil:	3.7 3.57 4.76
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		6128-21-2222	O-Ring: 6127-21-2221 6127-21-2241 6127-21-2252	6128-31-2050 6128-31-2140	6128-31-2060 6128-31-2070	6127-31-3131	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 21400 FA	LB 21400 F (phosphated)	KBS 21400 A	KB 21400 A	KR 21400	PB 21400	

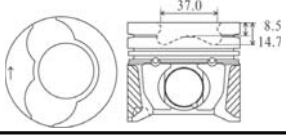

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
S6D155 19,260 cc 6 cyl 155.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 60.0 Length: 130.0
		Length: 327.0 Outside Ø: 186.0 Flange Ø: 176.0 Flange depth: 14.0 +2.0	Length: 167.5 Comp. height: 102.5 -4.0 -16.0		Top: 3.7 2nd: 3.57 oil: 4.76	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		6128-21-2216	O-Ring: 6127-21-2221 6127-21-2241 6127-21-2252	6127-31-2030 6127-31-2140	6128-31-2060 6128-31-2070	6127-31-3131
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 21450 FA	LB 21450 F (phosphated)	KBS 21450 A	KB 21450 A	KR 21450	PB 21450

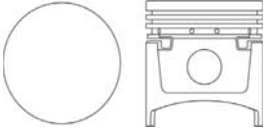

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
SV6D170 23,150 cc 6 cyl 170.0 mm Bore Ø		Liner/ Sleeve	Piston	Pistons are alfin and with oil gallery head anodized	Rings	Ø : 68.0 Length: 142.0
		Length: 342.0 Outside Ø: 190.3 Flange Ø: 206.0 Flange depth: 14.0 +2.0	Length: 195.6 Comp. height: 120.6 -6.4 -22.1		Top: 3.7 2nd: 3.55 oil: 4.75	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		6162-23-2210 6162-25-2210	O-Ring: 6162-23-2220 6162-23-2240 6162-23-2250	6164-31-2110	6162-33-2060	6162-33-3131
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 45350 FB	LB 45350 F (phosphated)	KBS 45350 B	KB 45350 B	KR 45350	PB 45350

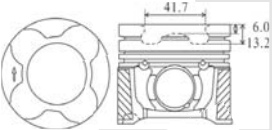

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
S6D170 23,150 cc 6 cyl 170.0 mm Bore Ø		Liner/ Sleeve	Piston	Alfin head anodized	Rings	Ø : 68.0 Length: 142.0
		Length: 342.0 Outside Ø: 190.3 Flange Ø: 206.0 Flange depth: 14.0 +2.0	Length: 195.6 Comp. height: 120.6 6.2 -23.6		Top: 3.7 2nd: 3.55 oil: 4.75	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		6162-23-2210 6162-25-2210	O-Ring: 6162-23-2220 6162-23-2240 6162-23-2250	6162-33-2120	6162-33-2060	6162-33-3131
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 21500 FA	LB 21500 F (phosphated)	KBS 21500 A	KB 21500 A	KR 21500	PB 21500

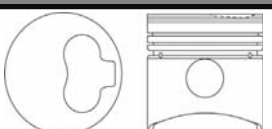

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
PB 987 cc 4 cyl 68.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø: Length:	20.0 56.0
		Length: Outside Ø: Flange Ø: Flange depth:	125.0 77.0 88.0 8.5	Length: Comp. height:	73.9 37.6 +4.3		Top: 2nd: oil:	2.0 2.0 4.0		
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		Reference no.:	
		0249-10-311			0249-11-102 0249-99-111 0259-23-200	0249-23-170A 0249-23-206 0259-23-170 0259-23-170A 0259-23-206 0259-23-260	0249-11-213			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 21600 F	LB 21600 F		KBS 21600 G		KB 21600 G	KR 21600 G		PB 21600 G	

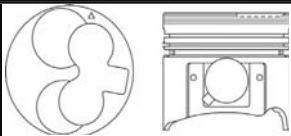

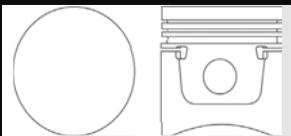

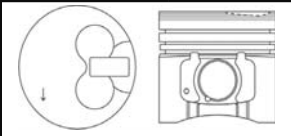

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
TB 1,139 cc 4 cyl 70.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø: Length:	
		Length: Outside Ø: Flange Ø: Flange depth:	132.0 77.0 88.0 8.5	Length: Comp. height:	71.0 37.0 +2.0		Top: 2nd: oil:	2.0 2.0 4.0		
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		Reference no.:	
		0268-10-311 0271-23-206			0268-11-102 0268-23-200 0271-23-200	0211-23-999 0268-23-170 0268-23-170A 0268-23-206 0317-23-130 0317-23-175	0249-11-213			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 44050 F	LB 44050 F		KBS 44050 G		KB 44050 G	KR 44050 G		PB 44050 G	

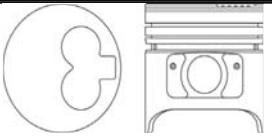

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
Y4 CDi (MZ-CD) also for FORD PSA 1,399 cc 4 cyl 73.7 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings		Ø: Length:	25.0 60.0
		Length: Outside Ø: Flange Ø: Flange depth:	137.0 76.78 78.7 4.0	137.0 76.78	Length: Comp. height:	65.44 42.94 -8.5 -14.7		Top: 2nd: oil:	2.5 1.95 2.5		
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:	
					Y401-11-100		Y401-11-SCO				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		
	LBS 57500 PA LBS 57500 SA	LB 57500 P LB 57500 S		KBS 57500 A		KB 57500 A	KR 57500		PB 57500		

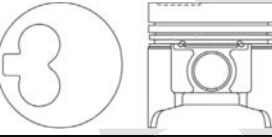

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
UA 1,484 cc 4 cyl 75.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : Length:	22.0 65.0
		Length: Outside Ø: Flange Ø: Flange depth:	147.5 86.5 94.0 9.0		Length: Comp. height:		78.0 41.0 +0	Top: 2nd: oil:		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		0604-10-311				0107-11-102 0603-23-200	0603-23-170 0603-23-170A 0603-23-999	0107-11-212 0170-11-212		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 21750 F	LB 21750 F		KBS 21750 G		KB 21750 G	KR 21750 G	PB 21750G		

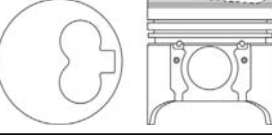

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
Y6 CDi (MZ-CD) also for FORD PSA 1,560 cc 4 cyl 75.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø : Length:	26.0 61.0
		Length: Outside Ø: Flange Ø: Flange depth:	146.0 78.0 79.0 4.0	146.0 78.0	Length: Comp. height:	65.3 41.7 -6.0 -13.2	Alfin and with oil gallery skirt MOS2 treated	Top: 2nd: oil:		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
						Y601-11-100	Y601-11-SCO			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 58500 PB LBS 58500 SB	LB 58500 P LB 58500 S		KBS 58500 B		KB 58500 B	KR 58500	PB 58500		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
PN 1,720 cc 4 cyl 78.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø : Length:	25.0 64.0
		Length: Outside Ø: Flange Ø: Flange depth:	157.0 82.0 86.0 2.0	155.0 82.0	Length: Comp. height:	76.1 41.3 -2.8		Top: 2nd: oil:		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		PN11-11-311				PN11-11-SAOB PN20-11-SAO PN20-11-SBX	PN11-11-SCO PNY2-11-SCO PNY2-11-SCOA	PN11-11-213		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 21850 P LBS 21850 S	LB 21850 P LB 21850 S		KBS 21850		KB 21850	KR 21850	PB 21850		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
323 1.7 TD			Flanged	No flange	Piston	Rings	Ø : 27.0 Length: 64.0
		Length: 144.0 Outside Ø: 83.0 Flange Ø: 87.0 Flange depth: 2.0					
1,686 cc 4 cyl 79.0 mm Bore Ø							
							
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 21900 PA LBS 21900 SA	LB 21900 P LB 21900 S		KBS 21900 A	KB 21900 A	KR 21900	PB 21900
VA			Liner/ Sleeve		Piston	Rings	Ø : 22.0 Length: 71.0
		Length: 168.5 Outside Ø: 90.0 Flange Ø: 98.0 Flange depth: 9.0					
1,985 cc 4 cyl 82.0 mm Bore Ø							
							
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 96780 F	LB 96780 F		KBS 96780 G	KB 96780 G	KR 96780 G	PB 96780 G
RTE/ RTF			Flanged	No flange	Piston	Rings	Ø : 26.0 Length: 59.0
		Length: 162.5 Outside Ø: 86.5 Flange Ø: 90.5 Flange depth: 4.0					
121 1.8 D 1,753 cc 4 cyl 82.5 mm Bore Ø							
							
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 22350 FA LBS 22350 SA LBS 22350 PA	LB 22350 F LB 22350 S LB 22350 P		KBS 22350 A	KB 22350 A	KR 22350	PB 22350

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
R2 also for FORD RF 2,184 cc 4 cyl 86.0 mm Bore Ø	LBS 22050 F LBS 22050 S LBS 22050 P LBS 22050 FA LBS 22050 SA LBS 22050 PA with affin pistons		Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 89.0 94.0 4.0	165.0 90.0	Length: Comp. height:	86.3 47.3 -1.6	Top: 2nd: oil:	2.0 2.0 4.0	Ø: Length:	25.0 68.5
		Reference no.:			Reference no.:		Reference no.:		Reference no.:	
		R201-23-051 RF01-10-311			RF01-23-200 RF01-23-200B		R201-23-130A R201-23-130B		RF01-11-213	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 22050 F LBS 22050 S LBS 22050 P	LB 22050 F LB 22050 S LB 22050 P		KBS 22050 KBS 22050 A		KB 22050 KB 22050 A	KR 22050		PB 22050	

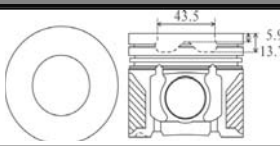

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
R2 2,184 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	163.0 89.0 94.0 2.8	163.0 90.0	Length: Comp. height:	86.2 47.2 -1.5	Alfin and with oil gallery	Top: 2nd: oil:	2.0 2.0 3.0	Ø: Length:
		Reference no.:			Reference no.:		Reference no.:		Reference no.:	
		R2B6-10-311 R2B6-10-313			R2Y0-11-SAO		R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA RFY5-11-SDOA RFY5-11-SXOA		RF01-11-213	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 22100 FB LBS 22100 SB LBS 22100 PB	LB 22100 F LB 22100 S LB 22100 P		KBS 22100 B		KB 22000 B	KR 22100		PB 22100	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
RF 1,998 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 89.0 94.0 4.0	165.0 90.0	Length: Comp. height:	86.3 47.3 -1.5	Top: 2nd: oil:	2.0 2.0 4.0	Ø: Length:	30.0 68.0
		Reference no.:			Reference no.:		Reference no.:		Reference no.:	
		R201-23-051 RF01-10-311			RFY0-11-SAO RFY0-11-SAOA		R201-23-130A R201-23-130B		RF5C-11-123 RF71-11-213 RF71-11-213A	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 22150 FA LBS 22150 SA LBS 22150 PA	LB 22150 F LB 22150 S LB 22150 P		KBS 22150 A		KB 22150 A	KR 22150		PB 22150	

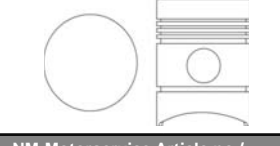

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
RF New 1,998 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : 30.0 Length: 68.0
		Length: Outside Ø: Flange Ø: Flange depth:	163.0 89.0 94.0 2.8	163.0 90.0	Length: Comp. height:	86.2 47.2 -1.2 -3.1		Top: 2nd: oil:	2.0 2.0 3.0	
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		R2B6-10-311 R2B6-10-313				RFY4-11-SA0A	RFY2-11-SCO RFYO-11-SCO	RF5C-11-123 RF71-11-213 RF71-11-213A		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
		LBS 22200 FB LBS 22200 SB LBS 22200 PB		LB 22200 F LB 22200 S LB 22200 P		KBS 22200 B	KB 22200 B	KR 22200		PB 22200

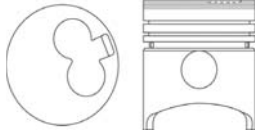

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
R2 New 2,184 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : 25.0 Length: 64.0
		Length: Outside Ø: Flange Ø: Flange depth:	163.0 89.0 94.0 2.8	163.0 90.0	Length: Comp. height:	82.2 43.2 -1.2 -2.2		Top: 2nd: oil:	2.0 2.0 3.0	
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		R2B6-10-311 R2B6-10-313				R2Y3-11-SA0B	R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA RFY5-11-SDOA RFY5-11-SXOA	RF01-11-213		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
		LBS 22250 FB LBS 22250 SB LBS 22250 PB		LB 22250 F LB 22250 S LB 22250 P		KBS 22250 B	KB 22250 B	KR 22000		PB 22250

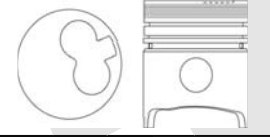

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
RF2 PREMACY 1,998 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : 30.0 Length: 68.0
		Length: Outside Ø: Flange Ø: Flange depth:	155.0 90.0 93.0 4.0	155.0 90.0	Length: Comp. height:	85.8 46.8 -4.8 -15.8		Top: 2nd: oil:	2.0 2.0 3.0	
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
						RFY2-11-SA0 RFY2-11-SA0A RFY2-11-SBXA RFY2-11-SB0 RFY2-11-SB0A RFY2-11-SBX	R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA RFY5-11-SDOA RFY5-11-SXOA	RF5C-11-213 RF71-11-213 RF71-11-213A		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
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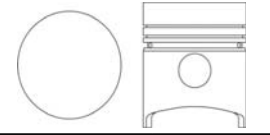

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
RF7 (MZR-CD 16V) 2002- 1,998 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston	Rings	
		Length: 163.0 Outside Ø: 89.0 Flange Ø: 94.0 Flange depth: 2.8	163.0 90.0	Length: 75.8 Comp. height: 46.8 -5.9 -13.7			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		R2B6-10-311 R2B6-10-313			RFY7-11-SAOA RFY7-11-SAOB RFY7-11-SBOA RFY7-11-SBOB RFY7-11-SBXA RFY7-11-SBXB	R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA RFY5-11-SDOA RFY5-11-SXOA	RF5C-11-213 RF71-11-213 RF71-11-213A
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 22000 FB LBS 22000 SB LBS 22000 PB	LB 22000 F LB 22000 S LB 22000 P	KBS 22000 B	KB 22000 B	KR 22000	PB 22000	

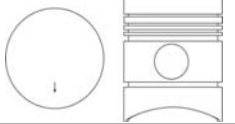

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
RF8 (MZR-CD 16V) 2005- 1,998 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston	Rings	
		Length: 163.0 Outside Ø: 89.0 Flange Ø: 94.0 Flange depth: 2.8	163.0 90.0	Length: 75.8 Comp. height: 46.8 -6.4 -15.5			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		R2B6-10-311 R2B6-10-313			RFY8-11-SAO RFY8-11-SBO RFY8-11-SBX	R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA RFY5-11-SDOA RFY5-11-SXOA	RF5C-11-123 RF71-11-213 RF71-11-213A
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 22400 FB LBS 22400 SB LBS 22400 PB	LB 22400 F LB 22400 S LB 22400 P	KBS 22400 B	KB 22400 B	KR 22000	PB 22400	

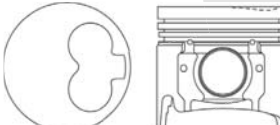

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
XA E2500 2,522 cc 4 cyl 88.9 mm Bore Ø			Liner/ Sleeve		Piston	Rings	
		Length: 191.0 Outside Ø: 96.9 Flange Ø: 101.0 Flange depth: 3.8 +0.8		Length: 116.0 Comp. height: 60.6 +0			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		0636-10-311 S501-23-051			0559-99-111 0559-23-200 0636-23-200 0750-23-200	0559-23-206 0559-23-207 0636-23-206 0636-23-207 0636-23-210	0636-11-213
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 22450 F LBS 22450 S	LB 22450 F LB 22450 S	KBS 22450	KB 22450	KR 22450	PB 22450	

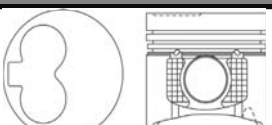

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
S2 E2200			Liner/ Sleeve	Piston			Rings			
		Length: Outside Ø: Flange Ø: Flange depth:		Length: Comp. height:			Top: 2nd: oil:		Ø: Length:	
2,209 cc 4 cyl 88.9 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		1456-23-051				1456-23-200 1456-23-200A 8259-23-200C	1456-23-206	0911-11-213 1456-11-213 S213-11-213		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 22500 F LBS 22500 S	LB 22500 F LB 22500 S		KBS 22500		KB 22500	KR 22500	PB 22500		

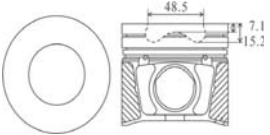

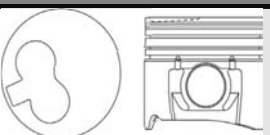

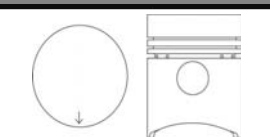

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
XA T2500 S5 E2500			Liner/ Sleeve	Piston			Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 96.9 101.1 3.8 +0.8		Length: Comp. height:		103.4 60.4 -1.8	Top: 2nd: oil:	2.38 2.38 4.76	Ø: Length:
2,522 cc 4 cyl 88.9 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		0636-10-311 S501-23-051				S501-23-200 S501-99-111	1456-23-206	S501-11-213		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 22550 F LBS 22550 S	LB 22550 F LB 22550 S		KBS 22550		KB 22550	KR 22550	PB 22550		



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
XA E2500			Liner/ Sleeve	Piston			Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 96.9 101.0 3.8 +0.8		Length: Comp. height:		103.3 60.3 +0	Top: 2nd: oil:	2.38 2.38 4.76	Ø: Length:
2,522 cc 4 cyl 88.9 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		0636-10-311 S501-23-051				0911-99-111B	1456-23-206	S501-11-213		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 22600 F LBS 22600 S	LB 22600 F LB 22600		KBS 22600		KB 22600	KR 22600	PB 22600		

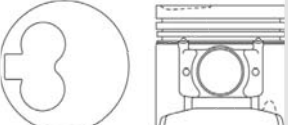

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
XB E2700 2,701 cc 4 cyl 92.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		Ø : 31.75 Length: 75.0
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 96.9 101.0 3.8 +0.8	Length: Comp. height:	115.7 60.2 +0	Top: 2nd: 3rd: 1st oil: 2nd oil:	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		0528-10-311 0527-23-051 0552-10-311		0528-23-200	0527-23-206 0528-23-206	0636-11-213	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 22650 F LBS 22650 S	LB 22650 F LB 22650 S	KBS 22650	KB 22650	KR 22650	PB 22650	

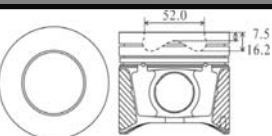

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
WL 2,499 cc 4 cyl 93.0 mm Bore Ø	Phosphated	Liner/ Sleeve	Piston		Rings		Ø : 32.0 Length: 70.0
		Length: Outside Ø: Flange Ø: Flange depth:	167.5 96.8 102.45 2.5 +0.5	Length: Comp. height:	87.4 47.9 -1.3 -3.2	Top: 2nd: oil:	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		WL01-10-311 WL01-23-051 WLY3-23-051		WLY3-11-SAOC WLY5-11-SAOB	WLY1-11-SCO	WL01-11-213	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 22700 FA LBS 22700 SA	LB 22700 F (phosphated) LB 22700 S	KBS 22700 A	KB 22700 A	KR 22700	PB 22700	

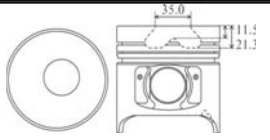

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
WLT 2,499 cc 4 cyl 93.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings		Ø : 32.0 Length: 69.8
		Length: Outside Ø: Flange Ø: Flange depth:	167.5 96.8 102.45 2.5 + 0.5	Length: Comp. height:		87.3 47.8 -2.0 -2.2	Top: 2nd: oil:	
		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		WL01-10-311 WL01-23-051 WLY3-23-051		WLY1-11-SAOA WLY8-11-SAOB	WLY1-11-SCO	WL01-11-213		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 46000 FB LBS 46000 SB	LB 46000 F (Phosphated) LB 46000 S	KBS 46000 B	KB 46000 B	KR 46000	PB 46000		

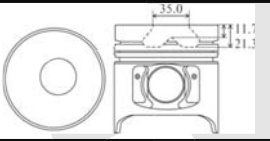

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																								
WL-C BT-50 2,499 cc 4 cyl 93.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Length:</td> <td>167.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>96.8</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>102.45</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5 +0.5</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Liner/ Sleeve					Length:	167.5					Outside Ø:	96.8					Flange Ø:	102.45					Flange depth:	2.5 +0.5					<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>81.2</td> </tr> <tr> <td>Comp. height:</td> <td>51.7 -7.1 -15.2</td> </tr> </table>		Piston	Length:	81.2	Comp. height:	51.7 -7.1 -15.2	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td></td> <td colspan="2">Rings</td> <td></td> <td></td> </tr> <tr> <td>Top:</td> <td>2.0</td> <td>Ø:</td> <td>34.0</td> <td></td> </tr> <tr> <td>2nd:</td> <td>1.5</td> <td>Length:</td> <td>70.0</td> <td></td> </tr> <tr> <td>oil:</td> <td>2.0</td> <td></td> <td></td> <td></td> </tr> </table>		Rings				Top:	2.0	Ø:	34.0		2nd:	1.5	Length:	70.0		oil:	2.0				
			Liner/ Sleeve																																																											
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Reference no.:		Reference no.:	Reference no.:	Reference no.:																																																										
WL01-10-311 WL01-23-051 WLY3-23-051		WLYE-11-SA0 WLYE-11-SB0 WLYE-11-SBX	WLY6-11-SC0 WLY6-11-SD0 WLY6-11-SDX	WE01-11-213 WE01-11-213A																																																										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																																									
	LBS 59500 FB LBS 59500 SB	LB 59500 F (phosphated) LB 59500 S	KBS 59500 B	KB 59500 B	KR 59500	PB 59500																																																								
JS K2700 2,665 cc 4 cyl 94.5 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Length:</td> <td>166.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>97.47</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>104.2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.85 +0.5</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Liner/ Sleeve					Length:	166.0					Outside Ø:	97.47					Flange Ø:	104.2					Flange depth:	3.85 +0.5					<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>81.7</td> </tr> <tr> <td>Comp. height:</td> <td>50.0 -1.9 -3.4</td> </tr> </table>		Piston	Length:	81.7	Comp. height:	50.0 -1.9 -3.4	Kolben Set/ Pistón Set/ поршневой	<table border="1"> <tr> <td></td> <td colspan="2">Rings</td> <td></td> <td></td> </tr> <tr> <td>Top:</td> <td>2.0</td> <td>Ø:</td> <td>30.0</td> <td></td> </tr> <tr> <td>2nd:</td> <td>2.0</td> <td>Length:</td> <td>76.0</td> <td></td> </tr> <tr> <td>oil:</td> <td>3.0</td> <td></td> <td></td> <td></td> </tr> </table>		Rings				Top:	2.0	Ø:	30.0		2nd:	2.0	Length:	76.0		oil:	3.0				
			Liner/ Sleeve																																																											
		Length:	166.0																																																											
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																																									
	LBS 22850 FA LBS 22850 SA	LB 22850 F (phosphated) LB 22850 S	KBS 22850 A	KB 22850 A	KR 22850	PB 22850																																																								
HA E3000 2,977 cc 4 cyl 95.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Length:</td> <td>189.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>98.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>103.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.8 +0.8</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Liner/ Sleeve					Length:	189.0					Outside Ø:	98.5					Flange Ø:	103.5					Flange depth:	3.8 +0.8					<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>115.3</td> </tr> <tr> <td>Comp. height:</td> <td>58.3 +0</td> </tr> </table>		Piston	Length:	115.3	Comp. height:	58.3 +0	Kolben Set/ Pistón Set/ поршневой	<table border="1"> <tr> <td></td> <td colspan="2">Rings</td> <td></td> <td></td> </tr> <tr> <td>Top:</td> <td>2.38</td> <td>Ø:</td> <td>31.75</td> <td></td> </tr> <tr> <td>2nd:</td> <td>2.38</td> <td>Length:</td> <td>75.0</td> <td></td> </tr> <tr> <td>oil:</td> <td>4.76</td> <td></td> <td></td> <td></td> </tr> </table>		Rings				Top:	2.38	Ø:	31.75		2nd:	2.38	Length:	75.0		oil:	4.76				
			Liner/ Sleeve																																																											
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																																									
	LBS 22900F LBS 22900 S	LB 22900 F LB 22900 S	KBS 22900	KB 22900	KR 22900	PB 22900																																																								

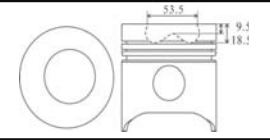

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
HA T3000 4 cc 2,977 cyl 95.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	189.0 98.5 103.5 3.8 0.8	Length: Comp. height:	100.7 53.7 -2.0	Top: 2nd: oil:	2.38 2.38 4.76
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		1363-23-051 1363-23-051A SE01-23-051		SE01-23-200A	1363-23-206 SE01-23-130 SE01-23-206	SE01-11-213	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 22950 F LBS 22950 S	LB 22950 F LB 22950 S	KBS 22950	KB 22950	KR 22950	PB 22950	

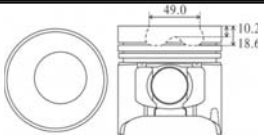

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
W9 2,892 cc W9 cyl 95.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	189.0 98.5 103.5 3.8 +0.8	Length: Comp. height:	87.3 47.8 -3.1	Alfin and with oil gallery	Top: 2nd: oil:	2.5 2.0 3.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		1363-23-051 1363-23-051A SE01-23-051		W9Y1-11-SAO W9Y1-11-SAOB	W9Y1-11-SCO			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
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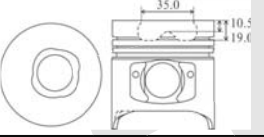

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
WE BT-50 (2006-2008) 2,953 cc 4 cyl 96.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	172.5 99.5 105.5 3.8	Length: Comp. height:	86.2 51.7 -7.5 -16.2	Alfin and with oil gallery skirt MOS2 treated	Top: 2nd: oil:	2.0 1.5 2.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
				WEY1-11-SAO	WEY1-11-SCO	WE01-11-213 WE01-11-213A		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
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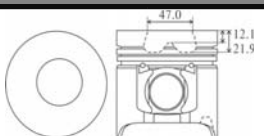

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																															
SL T3500 3,455 cc 4 cyl 100.0 mm Bore Ø	Liner OD is graded as A and B	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>193.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>103.5</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>108.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5</td> <td>81.8</td> </tr> </table>		Liner/ Sleeve		Length:	193.5		Outside Ø:	103.5		Flange Ø:	108.0		Flange depth:	2.5	81.8	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>2.5</td> </tr> <tr> <td>Comp. height:</td> <td>2.0 4.5</td> </tr> </table>	Piston		Length:	2.5	Comp. height:	2.0 4.5	With oil gallery head anodized (= G)	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd: oil:</td> <td>2.0 4.0</td> </tr> </table>	Rings		Top:	2.5	2nd: oil:	2.0 4.0	<table border="1"> <tr> <td>Ø:</td> <td>34.0</td> </tr> <tr> <td>Length:</td> <td>81.8</td> </tr> </table>	Ø:	34.0	Length:	81.8
				Liner/ Sleeve																																	
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	LBS 23100 FG LBS 23100 SG	LB 23100 F (phosphated) LB 23100 S	KBS 23100 G	KB 23100 G	KR 23100	PB 23100																															

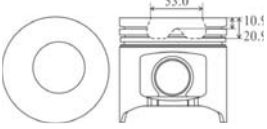

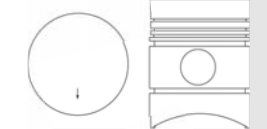

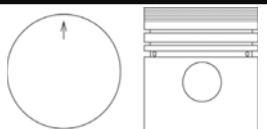

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																															
SL T3500 3,455 cc 4 cyl 100.0 mm Bore Ø	Liner OD is graded as A and B	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>193.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>103.5</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>108.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5</td> <td>+0.8</td> </tr> </table>		Liner/ Sleeve		Length:	193.5		Outside Ø:	103.5		Flange Ø:	108.0		Flange depth:	2.5	+0.8	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>105.0</td> </tr> <tr> <td>Comp. height:</td> <td>58.0 -11.7 -21.3</td> </tr> </table>	Piston		Length:	105.0	Comp. height:	58.0 -11.7 -21.3	Alfin head anodized	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd: oil:</td> <td>2.0 4.5</td> </tr> </table>	Rings		Top:	2.5	2nd: oil:	2.0 4.5	<table border="1"> <tr> <td>Ø:</td> <td>34.0</td> </tr> <tr> <td>Length:</td> <td>82.0</td> </tr> </table>	Ø:	34.0	Length:	82.0
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		Reference no.:		Reference no.:	Reference no.:	Reference no.:																															
		SL01-23-311 SL01-23-312 SL07-23-051		SL01-23-200A	SL01-23-206 SL01-23-206A	SL01-11-213																															
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																															
	LBS 23150 FA LBS 23150 SA	LB 23150 F (phosphated) LB 23150 S	KBS 23150 A	KB 23150 A	KR 23150	PB 23150																															

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																															
SLT T3500T 3,455 cc 4 cyl 100.0 mm Bore Ø	Liner OD is graded as A and B	<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>193.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>103.5</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>108.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5</td> <td>+0.8</td> </tr> </table>		Liner/ Sleeve		Length:	193.5		Outside Ø:	103.5		Flange Ø:	108.0		Flange depth:	2.5	+0.8	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>105.2</td> </tr> <tr> <td>Comp. height:</td> <td>58.2 -9.5 -18.5</td> </tr> </table>	Piston		Length:	105.2	Comp. height:	58.2 -9.5 -18.5	Alfin and with oil gallery	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd: oil:</td> <td>2.0 4.5</td> </tr> </table>	Rings		Top:	2.5	2nd: oil:	2.0 4.5	<table border="1"> <tr> <td>Ø:</td> <td>34.0</td> </tr> <tr> <td>Length:</td> <td>81.8</td> </tr> </table>	Ø:	34.0	Length:	81.8
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SLT T3500T 3,455 cc 4 cyl 100.0 mm Bore Ø	Liner OD is graded as W X and Y Z	Liner/ Sleeve	Piston		Alfin and with oil gallery head anodized	Rings		Ø : 34.0 Length: 82.0
			Length: Outside Ø: Flange Ø: Flange depth:	193.5 103.5 108.0 2.5 +0.8		Length: Comp. height:	105.0 58.0 -10.2 -18.6	
	Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:		
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 23250 FB LBS 23250 SB	LB 23250 F (phosphated) LB 23250 S	KBS 23250 B	KB 23250 B	KR 23250	PB 23250		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
SL T3500 3,455 cc 4 cyl 100.0 mm Bore Ø	Liner OD is graded as A and B	Liner/ Sleeve	Piston			Rings		Ø : 34.0 Length: 82.0
			Length: Outside Ø: Flange Ø: Flange depth:	193.5 103.5 108.0 2.5 +0.8		Length: Comp. height:	105.0 58.0 -10.5 -19.0	
	Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		SL01-23-311 SL01-23-312 SL07-23-051			SL70-11-SAO	SL01-23-206 SL01-23-206A	SL01-11-213	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 23300 FA LBS 23300 SA	LB 23300 F (phosphated) LB 23300 S	KBS 23300 A	KB 23300 A	KR 23300	PB 23300		

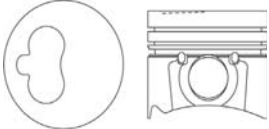

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
TF T4000 4,021 cc 4 cyl 105.5 mm Bore Ø	Liner OD is graded as A and B	Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings		Ø : 35.0 Length: 87.0
			Length: Outside Ø: Flange Ø: Flange depth:	200.0 109.0 114.5 6.0 +1.0		Length: Comp. height:	108.3 61.4 -12.1 -21.9	
	Reference no.:	Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		TFY0-10-311 TFY0-10-311A TFY0-10-311B TFY0-10-313			TF01-11-SAO TF20-11-SAO	TF01-11-SCO	TF01-11-213	
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	LBS 23350 FB LBS 23350 SB	LB 23350 F (phosphated) LB 23350 S	KBS 23350 B	KB 23350 B	KR 23350	PB 23350		

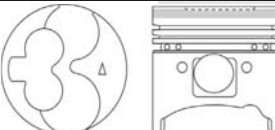

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																
TM 4,553 cc 4 cyl 109.0 mm Bore Ø	Liner OD is graded as A and B	<table border="1"> <thead> <tr> <th></th> <th>Liner/ Sleeve</th> <th></th> <th>Piston</th> </tr> </thead> <tbody> <tr> <td>Length:</td> <td>202.0</td> <td></td> <td>Length: 107.3</td> </tr> <tr> <td>Outside Ø:</td> <td>112.5</td> <td></td> <td>Comp. 61.3</td> </tr> <tr> <td>Flange Ø:</td> <td>118.0</td> <td></td> <td>height: -10.9</td> </tr> <tr> <td>Flange depth:</td> <td>6.0</td> <td></td> <td>-20.9</td> </tr> <tr> <td></td> <td>+1.0</td> <td></td> <td></td> </tr> </tbody> </table>		Liner/ Sleeve		Piston	Length:	202.0		Length: 107.3	Outside Ø:	112.5		Comp. 61.3	Flange Ø:	118.0		height: -10.9	Flange depth:	6.0		-20.9		+1.0			Alfin and with oil gallery	<table border="1"> <thead> <tr> <th colspan="2">Rings</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Top:</td> <td>3.0</td> <td>Ø:</td> <td>35.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> <td>Length:</td> <td>79.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> <td></td> <td></td> </tr> </tbody> </table>	Rings				Top:	3.0	Ø:	35.0	2nd:	2.0	Length:	79.0	oil:	3.0												
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
K3E/ K4E 1,061 cc / 1,415 cc 3 / 4 cyl 76.0 mm Bore Ø			Flange	No flange	Piston	Rings	Ø : 23.0 Length: 62.0
		Length: Outside Ø: Flange Ø: Flange depth:					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:
				30A17-00050 30A17-00060 30A17-00070 30A17-00080		MM431579 MM431631 MM431632 MM431633	MM430145
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 23550 P LBS 23550 S	LB 23550 P LB 23550 S		KBS 23550	KB 23550	KR 23550	PB 23550

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
NM75 406 cc 1 cyl 78.0 mm Bore Ø			Flange	No flange	Piston	Rings	Ø : 23.0 Length: 65.0
		Length: Outside Ø: Flange Ø: Flange depth:					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:
				MM400470			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 23600 P LBS 23600S	LB 23600 P LB 23600 S		KBS 23600	KB 23600	KR 23600	PB 23600

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NM90 477 cc 1 cyl 80.0 mm Bore Ø			Flange	No flange	Piston	Rings	Ø : 25.0 Length: 67.0
		Length: Outside Ø: Flange Ø: Flange depth:					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:
				MM404575			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 23650 P LBS 23650 S	LB 23650 P LB 23650 S		KBS 23650	KB 23650	KR 23650	PB 23650

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F8Q 784 TURBO CARISMA 1.9 TD also for RENAULT VOLVO 1,870 cc 4 cyl 80.0 mm Bore Ø			Flange	No flange	Piston	Alfin and with oil gallery	Rings	Ø : Length:	26.0 66.5
		Length: Outside Ø: Flange Ø: Flange depth:	154.0 83.05 86.0 5.0						
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
				A-A350542 N-8710350000	M345509 M883402	A-R60260 G-0810150000 K-800036140000 M-02158V0 M345510 M883403			
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	LBS 23700 P LBS 23700 S	LB 23700 P LB 23700 S		KBS 23700	KB 23700	KR 23700	PB 23700		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
4D65 1,795 cc 4 cyl 80.6 mm Bore Ø			Flange	No flange	Piston	Rings	Ø : Length:	25.0 68.0	
		Length: Outside Ø: Flange Ø: Flange depth:	150.0 84.6 90.5 4.0	146.0 84.6					Length: Comp. height:
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		
					MD061985	MD071206 MD078209 MD078309 MD127017 MD127022 MD136692	MD060467		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 23750 P LBS 23750 S	LB 23750 P LB 23750 S		KBS 23750	KB 23750	KR 23750	PB 23750		


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4D65T 1,795 cc 4 cyl 80.6 mm Bore Ø			Liner/ Sleeve		Piston	Rings	Ø : Length:	25.0 68.0	
		Length: Outside Ø: Flange Ø: Flange depth:	150.0 84.6 90.5 4.0						Length: Comp. height:
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		
					MD072264	MD071206 MD078209 MD078309 MD127017 MD127022 MD136692	MD060467		
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	LBS 23800 PA LBS 23800 SA	LB 23800 P LB 23800 S		KBS 23800 A	KB 23800 A	KR 23800	PB 23800		


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4D65T 1,795 cc 4 cyl 80.6 mm Bore Ø			Flange	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	150.0 84.6 90.5 4.0	146.0 84.6	Length: Comp. height:	78.7 41.7 -3.6	Top: 2nd: oil:	2.0 2.0 4.0	Ø: Length:
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		
					MD131615	MD071206 MD078209 MD078309 MD127017 MD127022 MD136692	MD060467		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 23850 PA LBS 23850 SA	LB 23850 P LB 23850 S		KBS 23850 A		KB 23850 A	KR 23850		PB 23850

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4D68 1,998 cc 4 cyl 82.7 mm Bore Ø			Flange	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	170.0 86.7 90.7 5.0	165.0 86.7	Length: Comp. height:	76.3 39.4 -1.7	Top: 2nd: oil:	2.0 2.0 3.0	Ø: Length:
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		
					MD194163	MD197162	MD060467		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 23900 PA LBS 23900 SA	LB 23900 P LB 23900 S		KBS 23900 A		KB 23900 A	KR 23900		PB 23900

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4D68T 1,998 cc 4 cyl 82.7 mm Bore Ø			Flange	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	170.0 86.7 90.7 5.0	165.0 86.7	Length: Comp. height:	76.3 39.3 -1.75	Alfin and with oil gallery	Top: 2nd: oil:	2.0 2.0 3.0
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		
					MD194157	MD197187	MD060467		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 23950 PB LBS 23950 SB	LB 23950 P LB 23950 S		KBS 23950 B		KB 23950 B	KR 23950		PB 23950

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
COLT 1.5 DI-D (Z38A/Z39A) 2004- 1,493 cc 3 cyl 83.0 mm Bore Ø			Flange	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:			Length: Comp. height:	71.65 45.65 -14.65			Top: 2nd: oil:	2.0 2.0 2.0
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
				MN960060			MN960373		MN960307	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
		LBS 39700 PB LBS 39700 SB		LB 39700 P LB 39700 S		KBS 39700 B	KB 39700 B		KR 39700 PB 39700	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4N13 LANCER (CY9A CX9A) 2009- 1,799 cc 4 cyl 83.0 mm Bore Ø			Flange	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:			Length: Comp. height:				Top: 2nd: oil:	
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
		LBS 55500 PB LBS 55500 SB		LB 55500 P LB 55500 S		KBS 55500 B	KB 55500 B		KR 55500 PB 55500	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4DQ5 2,084 cc 4 cyl 84.0 mm Bore Ø			Liner/ Sleeve		Piston				Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	163.0 88.0		Length: Comp. height:	92.3 45.3 -1.8			Top: 2nd: oil:	2.5 2.0 4.0
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
		30607-50301				30617-57105	30615-51011 30617-51011			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
		LBS 24100 P		LB 24100 P		KBS 24100	KB 24100		KR 24100 PB 24100	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4N14 OUTLANDER (CW7W) 2007- 2,268 cc 4 cyl 86.0 mm Bore Ø			Liner/ Sleeve	Piston	Alfin and with oil gallery skirt MOS2 treated	Rings	Ø : Length:
		Length: Outside Ø: Flange Ø: Flange depth:					
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 56500 PB LBS 56500 SB	LB 56500 P LB 56500 S		KBS 56500 B	KB 56500 B	KR 56500	PB 56500

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D56 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Rings	Ø : Length:
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2				
		Reference no.:				Reference no.:	Reference no.:	Reference no.:
		MD050430 MD103648				MD367335 MD304835	MD050395	MD050009
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 24200 P LBS 24200 S	LB 24200 P LB 24200 S			KBS 24200	KB 24200	KR 24200	PB 24200

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D55 4D56 2,346 cc / 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Rings	Ø : Length:
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2				
		Reference no.:				Reference no.:	Reference no.:	Reference no.:
		MD050430 MD103648				MD050021 MD103318	MD050395	MD050009
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 24250 P LBS 24250 S	LB 24250 P LB 24250 S			KBS 24250	KB 24250	KR 24250	24250 PB

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D56 New 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston	Rings	Ø : 29.0 Length: 75.0
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2 94.2			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		MD050430 MD103648			MD304838	MD050395	MD050009
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 24300 P LBS 24300 S	LB 24300 P LB 24300 S		KBS 24300	KB 24300	KR 24300	PB 24300




ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D55T / 4D56T also for HYUNDAI D4BF FORD 2,346 cc / 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston	Rings	Ø : 29.0 Length: 75.0
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2 94.2			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		MD050430 MD103648			MD050011 MD103308	1110A561 1110A562 1110A563 MD050390 MD103391	MD050009
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS Mi 18000 PA LBS Mi 18000 SA LBS Hd 18000 PA LBS Hd 18000 SA	LB Mi 18000 P LB Mi 18000 S LB Hd 18000 P LB Hd 18000 S		KBS Mi 18000 A KBS Hd 18000 A	KB Mi 18000 A KB Hd 18000 A	KR Mi 18000 KR Hd 18000	PB Mi 18000 PB Hd 18000

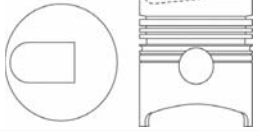

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
4D55T (L/R) 4D56T (L/R) 2,346 cc / 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston	Rings	Ø : 29.0 Length: 75.0
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2 94.2			
		Reference no.:			Reference no.:	Reference no.:	Reference no.:
		MD050430 MD103648			MD182601 MD182607 (L/R)	1110A561 1110A562 1110A563 MD050390 MD103391	MD050009
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
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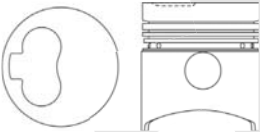

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D56T 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2	Length: Comp. height:	88.7 48.7 -1.3 -2.6	Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:	29.0 75.0
	Reference no.:				Reference no.:	Reference no.:	Reference no.:		Reference no.:	
	MD050430 MD103648				MD304850	1110A561 1110A562 1110A563 MD050390 MD103391	MD050009			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 24450 PA LBS 24450 SA	LB 24450 P LB 24450 S		KBS 24450 A		KB 24450 A	KR 24450	PB 24450		



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D56T New (L/R) 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2	Length: Comp. height:	88.7 48.7 -2.3	Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:	29.0 75.0
	Reference no.:				Reference no.:	Reference no.:	Reference no.:		Reference no.:	
	MD050430 MD103648				MD304853 MD304859 (L/R)	1110A561 1110A562 1110A563 MD050390 MD103391	MD050009			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 44500 PB LBS 44500 SB	LB 44500 P LB 44500 S		KBS 44500 B		KB 44500 B	KR 44500	PB 44500		

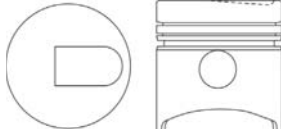

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D57 also for HYUNDAI D4BB 2,607 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2	Length: Comp. height:	76.2 46.2 -2.2 -3.4	Top: 2nd: oil:	2.0 2.0 3.0	Ø: Length:	29.0 75.0
	Reference no.:				Reference no.:	Reference no.:	Reference no.:		Reference no.:	
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS Mi 24550 PA LBS Mi 24550 SA LBS Hd 24550 PA LBS Hd 24550 SA	LB Mi 24550 P LB Mi 24550 S LB Hd 24550 P LB Hd 24550 S		KBS Mi 24550 A KBS Hd 24550 A		KB Mi 24550 A KB Hd 24550 A	KR Mi 24550 KR Hd 24550	PB Mi 24550 PB Hd 24550		

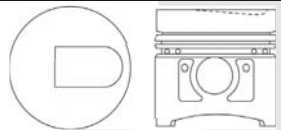

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D56T (L/R) 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery head anodized	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2 94.2	Length: Comp. height:	78.7 48.7 -1.3 -2.6		Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:
		Reference no.:				Reference no.:	Reference no.:		Reference no.:	
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 24600 APB LBS 24600 ASB	LB 24600 P LB 24600 S		KBS 24600 B		KB 24600 B	KR 24600		PB 24600	
4D56T CRDi (L/R) New L200 16V 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		alfin and with oil gallery head anodized skirt MOS2 treated	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2 94.2	Length: Comp. height:	78.2 48.2 -4.0 -19.0		Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 67000 BPB LBS 67000 BSB	LB 67000 P LB 67000 S		KBS 67000 B		KB 67000 B	KR 67000		PB 67000	
4D55T (L/R) 4D56T (L/R) 2,476 cc 4 cyl 91.1 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery head anodized	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 94.2 98.1 2.0	165.0 94.2 94.2	Length: Comp. height:	78.2 48.2 -4.0 -19.0		Top: 2nd: oil:	2.5 2.0 3.0	Ø: Length:
		Reference no.:				Reference no.:	Reference no.:		Reference no.:	
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 24700 CPB LBS 24700 CSB	LB 24700 P LB 24700 S		KBS 24700 B		KB 24700 B	KR 24700		PB 24700	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4DR5 2,659 cc 4 cyl 92.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : Length:	28.0 77.0
		Length: Outside Ø: Flange Ø: Flange depth:	176.0 95.0	Length: Comp. height:	99.5 52.5 -3.6		Top: 2nd: 3rd: oil:	2.5 2.0 2.0 4.5		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 24750 P	LB 24750 P		KBS 24750		KB 24750	KR 24750	PB 24750		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4DR5 4DR51 2,659 cc 4 cyl 92.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : Length:	28.0 77.0
		Length: Outside Ø: Flange Ø: Flange depth:	176.0 95.0	Length: Comp. height:	99.7 52.7 -2.6		Top: 2nd: 3rd: oil:	2.5 2.0 2.0 4.5		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
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	LBS 24800 P	LB 24800 P		KBS 24800		KB 24800	KR 24800	PB 24800		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4DR5 New 2,659 cc 4 cyl 92.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : Length:	28.0 77.0
		Length: Outside Ø: Flange Ø: Flange depth:	176.0 95.0	Length: Comp. height:	99.7 52.7 -2.6		Top: 2nd: 3rd: oil:	2.5 2.0 2.0 4.5		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 24850 P	LB 24850 P		KBS 24850		KB 24850	KR 24850	PB 24850		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
S4E			Liner/ Sleeve	Piston			Rings		Ø: Length:	28.0 77.0
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 98.0	Length: Comp. height:	98.5 51.5 -3.5		Top: 2nd: oil:	2.5 2.0 4.5		
2,610 cc 4 cyl 94.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
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	LBS 24900 P	LB 24900 P		KBS 24900		KB 24900	KR 24900	PB 24900		

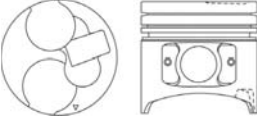

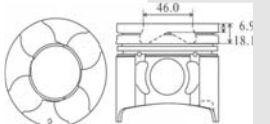

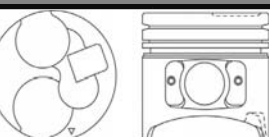

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
S4E1			Liner/ Sleeve	Piston			Rings		Ø: Length:	28.0 77.0
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 98.0	Length: Comp. height:	90.1 51.5 -3.5		Top: 2nd: oil:	2.5 2.0 4.5		
2,610 cc cyl 94.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
		34407-00301					34417-11011 34417-02012	31619-00700 31619-00792		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 24950 P	LB 24950 P		KBS 24950		KB 24950	KR 24950	PB 24950		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
S4S			Flanged	No flange	Piston			Rings		Ø: Length:	30.0 76.5
		Length: Outside Ø: Flange Ø: Flange depth:	185.0 98.0 101.9 4.0	190.0 98.0	Length: Comp. height:	89.8 55.0 -4.5		Top: 2nd: oil:	2.5 2.0 4.5		
3,331 cc 4 cyl 94.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:		
		32A07-00300				32A17-00100	34417-11011 34417-02012				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 39950 P LBS 39950 S	LB 39950 P LB 39950 S		KBS 39950		KB 39950	KR 39950	PB 39950			

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4DR7			Liner/ Sleeve	Piston			Rings		Ø : 30.0 Length: 78.0
		Length: Outside Ø: Flange Ø: Flange depth:	180.0 98.0	Length: Comp. height:	94.6 52.6 -2.2		Top: 2nd: oil:	2.3 2.0 4.0	
2,835 cc 4 cyl 95.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:
		ME997798				ME021861	ME201522 ME202342 ME202380 ME202950 ME997256 ME997894		ME201016
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 25050 P	LB 25050 P		KBS 25050		KB 25050	KR 25050		PB 25050

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4M40			Flanged	No flange	Piston		Alfin Head anodized	Rings		Ø : 30.0 Length: 77.9
		Length: Outside Ø: Flange Ø: Flange depth:	186.0 99.0 104.6 2.5	186.0 99.0	Length: Comp. height:	91.7 51.7 -1.3 -3.0		Top: 2nd: oil:	2.3 2.0 4.0	
2,835 cc 4 cyl 95.0 mm Bore Ø		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
		MD168963 ME200685 ME999919					ME200680 ME200681 ME200682 ME201780 ME201781 ME201782	ME201522 ME202342 ME202380 ME202950 ME997256 ME997894		ME201016
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 42000 PA LBS 42000 SA	LB 42000 P LB 42000 S			KBS 42000 A		KB 42000 A	KR 42000		PB 42000

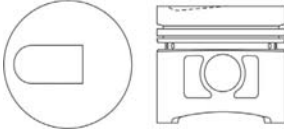

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4M40T			Flanged	No flange	Piston		Alfin and with oil gallery head anodized	Rings		Ø : 30.0 Length: 77.9
		Length: Outside Ø: Flange Ø: Flange depth:	186.0 99.0 104.6 2.5	186.0 99.0	Length: Comp. height:	91.6 51.6 -3.0		Top: 2nd: oil:	2.3 2.0 3.0	
2,835 cc 4 cyl 95.0 mm Bore Ø		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
		MD168963 ME200685 ME999919					ME203223 ME203224 ME203225	ME190317 ME202148		ME201016
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 25550 PB LBS 25550 SB	LB 25550 P LB 25550 S			KBS 25550 B		KB 25550 B	KR 25550		PB 25550

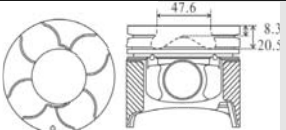

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4M40 New 2,835 cc 4 cyl 95.0 mm Bore Ø		Flanged	No flange	Piston		Rings		Ø : 30.0 Length: 78.0
		Length: 186.0 Outside Ø: 99.0 Flange Ø: 104.6 Flange depth: 2.5	186.0 99.0	Length: 91.6 Comp. height: 51.6 -0.7 -3.0	Alfin and with oil gallery head anodized		Top: 2.3 2nd: 2.0 oil: 4.0	
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	
		MD168963 ME200685 ME999919			ME200688 ME200689 ME200690 ME204029 ME204030	ME201522 ME202342 ME202380 ME202950 ME997256 ME997894	ME201016	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 42000 PB LBS 42000 SB	LB 42000 P LB 42000 S		KBS 42000 B	KB 42000 B	KR 42000	PB 42000	
4M42-0AT 2,977 cc 4 cyl 95.0 mm Bore Ø		Flanged	No flange	Piston		Rings		Ø : 30.0 Length: 78.0
		Length: 186.0 Outside Ø: 99.0 Flange Ø: 104.6 Flange depth: 2.5	186.0 99.0	Length: 87.0 Comp. height: 47.0 -6.9 -18.1	Alfin and with oil gallery		Top: 2.3 2nd: 2.0 oil: 3.0	
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	
								
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 96000 PB LBS 96000 SB	LB 96000 P LB 96000 S		KBS 96000 B	KB 96000 B	KR 96000	PB 96000	
4M40 2,835 cc 4 cyl 95.0 mm Bore Ø	LB 25300-2 S Length: 181.0 Outside Ø: 98.0 Flange Ø: 101.9 Flange depth: 4.0	Flanged	No flange	Piston		Rings		Ø : 30.0 Length: 77.9
		Length: 186.0 Outside Ø: 99.0 Flange Ø: 104.6 Flange depth: 2.5	186.0 99.0	Length: 91.7 Comp. height: 51.7 -1.3 -3.0	Alfin head anodized		Top: 2.3 2nd: 2.0 oil: 3.0	
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	
		MD168963 ME200685 ME999919			ME204402	ME190317 ME202148	ME201016	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 25300 PA LBS 25300 SA	LB 25300 P LB 25300 S LB 25300-2 S		KBS 25300 A	KB 25300 A	KR 25300	PB 25300	

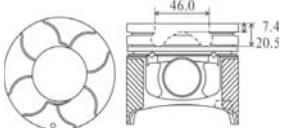

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
4M42 2,977 cc 4 cyl 95.0 mm Bore Ø	LB 25350-2 S Length: 181.0 Outside Ø: 98.0 Flange Ø: 101.9 Flange depth: 4.0		Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated		Rings		
		Length: 186.0 Outside Ø: 99.0 Flange Ø: 104.6 Flange depth: 2.5	186.0 99.0	77.0 51.0 -3.5 -17.0	Top: 2.3 2nd: 2.0 oil: 3.0	Ø: 32.0 Length: 80.0					
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		Reference no.:		
		MD168963 ME200685 ME999919			ME193937 ME193939	ME190317 ME202148	ME203868				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 25350 PB LBS 25350 DB	LB 25350 P LB 25350 S		KBS 25350 B		KB 25350 B	KR 25350	PB 25350			

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
S4E2 2,960 cc 4 cyl 98.0 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length: 170.0 Outside Ø: 101.0 Flange Ø: 103.0 Flange depth: 4.0	170.0 101.0 103.0	168.5 102.0	98.5 51.5 -3.2	Top: 3.0 2nd: 2.0 oil: 5.0	Ø: 28.0 Length: 77.0				
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		Reference no.:		
		34407-00500 34407-05400			34417-54100	34417-09012					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 25400 P LBS 25400 S	LB 25400 P LB 25400 S		KBS 25400		KB 25400	KR 25400	PB 25400			

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
S4F 2,955 cc 4 cyl 98.0 mm Bore Ø			Liner/ Sleeve		Piston		Rings				
		Length: 168.5 Outside Ø: 102.0 Flange Ø: Flange depth:	168.5 102.0	96.5 57.6 -14.5 -18.2	Top: 3.0 2nd: 2.0 oil: 5.0	Ø: 32.0 Length: 78.0					
		Reference no.:			Reference no.:	Reference no.:	Reference no.:		Reference no.:		
		34407-00500 34407-05400			36717-41100	34417-09012					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 25450 P LBS 25450 PA	LB 25450 P		KBS 25450 KBS 25450 A		KB 25450 KB 25450 A	KR 25450	PB 25450			

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
S4E2 2,960 cc 4 cyl 98.0 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	170.0 101.0 103.0 4.0	168.5 102.0	Length: Comp. height:	90.0 51.5 -3.4	Top: 2nd: oil:	3.0 2.0 5.0	Ø: Length:	28.0 77.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		34407-00500 34407-05400								
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 44350 P LBS 44350 S	LB 44350 P LB 44350 S		KBS 44350		KB 44350	KR 44350	PB 44350		

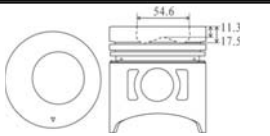

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4M41 4M41T 3,200 cc 4 cyl 98.5 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	170.5 102.5 105.5 4.0	170.5 102.5	Length: Comp. height:	87.0 47.0 -8.3 -20.5	Alfin and with oil gallery head anodized skirt MOS2 treated	Top: 2nd: oil:	2.3 1.5 3.0	Ø: Length:
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
						ME191469 ME191470 ME191471	ME203533	ME203868		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
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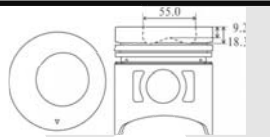

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4M41 4M41T 3,200 cc 4 cyl 98.5 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	170.5 102.5 105.5 4.0	170.5 102.5	Length: Comp. height:	87.0 47.0 -7.4 -20.5	Alfin and with oil gallery head anodized skirt MOS2 treated	Top: 2nd: oil:	2.3 1.5 3.0	Ø: Length:
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
						1110B327	ME203533	ME203868		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
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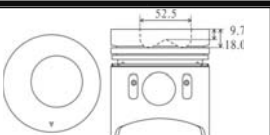

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D30			Flanged	No flange	Piston			Rings		
					Length: Outside Ø: Flange Ø: Flange depth:	197.0 104.0 109.0 5.0		197.0 104.0	Length: Comp. height:	
3,298 cc 4 cyl 100.0 mm Bore Ø						Reference no.:				
						ME012001 ME012051 ME012090 ME012100 ME012115 ME012166	Reference no.:	ME012010 ME012070	Reference no.:	ME012203 ME012249 ME012255 ME012257
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 25650 P LBS 25650 S	LB 25650 P LB 25650 S			KBS 25650	KB 25650	KR 25650			PB 25650

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D31			Flanged	No flange	Piston			Rings		
					Length: Outside Ø: Flange Ø: Flange depth:	191.0 104.0 109.0 5.0		191.0 104.0	Length: Comp. height:	
3,298 cc 4 cyl 100.0 mm Bore Ø						Reference no.:				
						ME012131 ME012145 ME012160	Reference no.:	ME012010 ME012070	Reference no.:	ME012203 ME012249 ME012255 ME012257
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 25700 P LBS 25700 S	LB 25700 P LB 25700 S			KBS 25700	KB 25700	KR 25700			PB 25700

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D31T			Flanged	No flange	Piston			Rings		
					Length: Outside Ø: Flange Ø: Flange depth:	191.0 104.0 109.0 5.0		191.0 104.0	Length: Comp. height:	
3,298 cc 4 cyl 100.0 mm Bore Ø						Reference no.:				
						ME011523 ME011604	Reference no.:	ME012010 ME012070	Reference no.:	ME012203 ME012249 ME012255 ME012257
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 25750 PA LBS 25750 SA	LB 25750 P LB 25750 S			KBS 25750 A	KB 25750 A	KR 25750			PB 25750

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D31T New			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 104.0 109.0 5.0	191.0 104.0	Length: Comp. height:	110.7 60.7 -11.3 -17.5	Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:	34.0 84.0
3,298 cc 4 cyl 100.0 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		ME011523 ME011604				ME012858	ME012848 ME997396 ME997398 ME999783	ME012234		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 25800 PA LBS 25800 SA	LB 25800 P LB 25800 S		KBS 25800 A		KB 25800 A	KR 25800	PB 25800		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D31T New			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 104.0 109.0 5.0	191.0 104.0	Length: Comp. height:	110.7 60.7 -9.2 -18.3	Top: 2nd: oil:	3.0 2.0 5.0	Ø: Length:	34.0 84.0
3,298 cc 4 cyl 100.0 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		ME011523 ME011604				ME012155	ME012010 ME012070	ME012234		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 25850 PA LBS 25850 SA	LB 25850 P LB 25850 S		KBS 25850 A		KB 25850 A	KR 25850	PB 25850		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D31			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 104.0 109.0 5.0	191.0 104.0	Length: Comp. height:	110.7 60.7 -9.7 -18.0	Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:	34.0 84.0
3,298 cc 4 cyl 100.0 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		ME011523 ME011604				ME012889	ME012848 ME997396 ME997398 ME999783	ME012203 ME012249 ME012255 ME012257		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 25900 P LBS 25900 S	LB 25900 P LB 25900 S		KBS 25900		KB 25900	KR 25900	PB 25900		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D32			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	197.0 108.0 113.0 4.0	197.0 108.0	Length: Comp. height:	110.7 60.7 -9.8	Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:	34.0 84.0
3,567 cc 4 cyl 104.0 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		ME012900				ME012174	ME997318 ME999243 ME999641	ME012203 ME012249 ME012255 ME012257		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 25950 PA LBS 25950 SA	LB 25950 P LB 25950 S		KBS 25950 A		KB 25950 A	KR 25950	PB 25950		

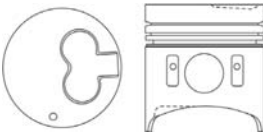

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D34			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	200.0 108.0 113.0 4.0	200.0 108.0	Length: Comp. height:	112.2 62.2 -11.5 -20.5	Top: 2nd: oil:	2.8 2.0 4.0	Ø: Length:	34.0 84.0
3,907 cc 4 cyl 104.0 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		ME013366				ME012901 ME012928	ME996566 ME997240	ME012234		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 40400 PA LBS 40400 SA	LB 40400 P LB 40400 S		KBS 40400 A		KB 40400 A	KR 40400	PB 40400		

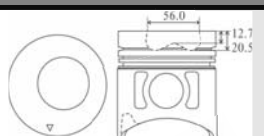

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D34T			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	200.0 108.0 113.0 4.0	200.0 108.0	Length: Comp. height:	112.2 62.2 -5.5 -20.6	Top: 2nd: oil:	2.8 2.0 4.0	Ø: Length:	36.0 88.0
4 cc 3,907 cyl 104.0 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		ME013366				ME014160	ME996566 ME997240	ME013075		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 26650 PA LBS 26650 SA	LB 26650 P LB 26650 S		KBS 26650 A		KB 26650 A	KR 26650	PB 26650		

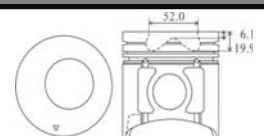

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4D32 Late 3,567 cc 4 cyl 104.0 mm Bore Ø		Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	197.0 108.0 113.0 4.0	197.0 108.0	Length: Comp. height:		Top: 2nd: oil:	2.8 2.0 4.0
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	
		ME012900			ME018277	ME996566 ME997240	ME012234	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
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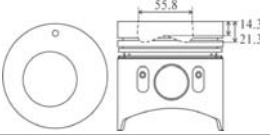

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4D32 New 3,567 cc 4 cyl 104.0 mm Bore Ø		Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	197.0 108.0 113.0 4.0	197.0 108.0	Length: Comp. height:	110.7 60.7 -5.6 -18.9	Top: 2nd: oil:	2.8 2.0 4.0
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	
		ME012900			ME018274	ME996566 ME997240	ME012234	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 26150 PA LBS 26150 SA	LB 26150 P LB 26150 S		KBS 26150 A	KB 26150 A	KR 26150	PB 26150	

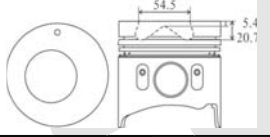

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
4D34T New 3,907 cc 4 cyl 104.0 mm Bore Ø		Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	200.0 108.0 113.0 4.0	200.0 108.0	Length: Comp. height:	112.2 62.2 -11.5 -22.9	Top: 2nd: oil:	2.8 2.0 4.0
		Reference no.:			Alfin and with oil gallery	Reference no.:	Reference no.:	
		ME013366				ME011143 ME220470	ME996566 ME997240	ME013075
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 26200 PB LBS 26200 SB	LB 26200 P LB 26200 S		KBS 26200 B	KB 26200 B	KR 26200	PB 26200	

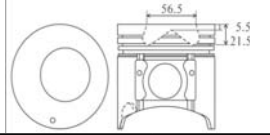

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4D36 3,567 cc 4 cyl 104.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 34.0 Length: 84.0
		Length: 197.0 Outside Ø: 108.0 Flange Ø: 113.0 Flange depth: 4.0	197.0 108.0		Length: 110.6 Comp. height: 60.5 -2.5 -4.6			Top: 2.8 2nd: 2.0 oil: 4.0		
		Reference no.:					Reference no.:	Reference no.:	Reference no.:	
		ME012900					ME018283	ME996566 ME997240	ME013075	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 26250 PA LBS 26250 SA	LB 26250 P LB 26250 S			KBS 26250 A		KB 26250 A	KR 26250	PB 26250	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4D34T 3,907 cc 4 cyl 104.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 36.0 Length: 88.0
		Length: 200.0 Outside Ø: 108.0 Flange Ø: 113.0 Flange depth: 4.0	200.0 108.0		Length: 112.2 Comp. height: 62.2 -12.7 -20.5			Top: 2.8 2nd: 2.0 oil: 4.0		
		Reference no.:					Reference no.:	Reference no.:	Reference no.:	
		ME013366					ME013325	ME996566 ME997240	ME013075	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 26300 PA LBS 26300 SA	LB 26300 P LB 26300 S			KBS 26300 A		KB 26300 A	KR 26300	PB 26300	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4D34 • 2AT 4D34 • 3AT 3,907 cc 4 cyl 104.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : 36.0 Length: 88.0
		Length: 200.0 Outside Ø: 108.0 Flange Ø: 113.0 Flange depth: 4.0	200.0 108.0		Length: 112.2 Comp. height: 62.2 -6.1 -19.9			Top: 2.8 2nd: 2.0 oil: 4.0		
		Reference no.:					Reference no.:	Reference no.:	Reference no.:	
		ME013366					ME220454	ME996566 ME997240	ME013075	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 26350 PB LBS 26350 SB	LB 26350 P LB 26350 S			KBS 26350 B		KB 26350 B	KR 26350	PB 26350	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D33 4,214 cc 4 cyl 108.0 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	205.0 112.0 117.0 5.0	200.0 112.0 112.0	Length: Comp. height:	112.2 62.2 -14.3 -21.3	Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:	34.0 84.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		ME013333				ME012897 ME013312	ME996378 ME999871	ME012234		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
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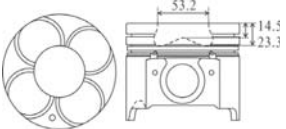

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D33 4D33 • 4A 4,214 cc 4 cyl 108.0 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	205.0 112.0 117.0 5.0	200.0 112.0 112.0	Length: Comp. height:	112.1 62.2 -5.4 -20.7	Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:	34.0 83.5
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		ME013333				ME018280	ME996378 ME999871	ME012234		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 26450 PA LBS 26450 SA	LB 26450 P LB 26450 S		KBS 26450 A		KB 26450 A	KR 26450	PB 26450		

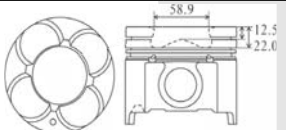

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4D35 4D35T 4,561 cc 4 cyl 110.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	205.0 114.0 119.0 5.0	200.0 114.0 114.0	Length: Comp. height:	109.5 59.8 -5.5 -21.5	Top: 2nd: oil:	3.0 2.5 4.0	Ø: Length:	36.0 88.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		ME013678				ME018825	ME996628	ME013075		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 45050 PB LBS 45050 SB	LB 45050 P LB 45050 S		KBS 45050 B		KB 45050 B	KR 45050	PB 45050		

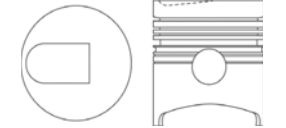

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4D35 4D35T 4,561 cc 4 cyl 110.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	205.0 114.0 119.0 5.0	200.0 114.0	Length: Comp. height:	109.6 59.7 -5.5 -21.5		Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:
		Reference no.:					Reference no.:	Reference no.:	Reference no.:	
		ME013678					ME014693	ME995214	ME013075	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 26550 PB LBS 26550 SB	LB 26550 P LB 26550 S			KBS 26550 B		KB 26550 B	KR 26550	PB 26550	

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4M50T CANTER FE84D FE85D) 2006-2007 4,899 cc 4 cyl 114.0 mm Bore Ø			Flanged	No flange	Piston		Two alfins and with oil gallery head anodized skirt MOS2 treated	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:			Length: Comp. height:	99.1 59.1 -8.5 -21.0		Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:
		Reference no.:					Reference no.:	Reference no.:	Reference no.:	
							ME224532 ME224533 ME226782 ME226783	ME993913	ME221709	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 26600 PB LBS 26600 SB	LB 26600 P LB 26600 S			KBS 26600 B		KB 26600 B	KR 26600	PB 26600	

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
4M51 CANTER 5,249 cc 4 cyl 118.0 mm Bore Ø			Flanged	No flange	Piston			Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	190.0 122.0 127.0 5.0	190.0 122.0	Length: Comp. height:			Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:
		Reference no.:					Reference no.:	Reference no.:	Reference no.:	
							ME995591 ME995592 ME995593		ME012203 ME012249 ME012255 ME012257	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 26650 PA LBS 26650 SA	LB 26650 P LB 26650 S			KBS 26650 A		KB 26650 A	KR 26650	PB 26650	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4M51 CANTER 5,249 cc 4 cyl 118.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø: Length:	34.0 84.0
		Length: Outside Ø: Flange Ø: Flange depth:	190.0 122.0 127.0 5.0	190.0 122.0	Length: Comp. height:	99.1 59.1 -14.5 -23.3	Top: 2nd: oil:	3.0 2.0 3.0		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
						ME240047 ME240316	ME995113 ME995114 ME995115	ME012203 ME012249 ME012255 ME012257		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 26700 PA LBS 26700 SA	LB 26700 P LB 26700 S		KBS 26700 A		KB 26700 A	KR 26700	PB 26700		

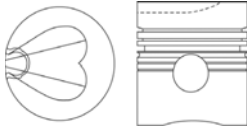

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
4M51T CANTER 5,249 cc 4 cyl 118.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	190.0 122.0 127.0 5.0	190.0 122.0	Length: Comp. height:	99.1 59.1 -12.5 -22.0	Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:	34.0 84.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
						ME241686 ME241688	ME995591 ME995592 ME995593	ME012203 ME012249 ME012255 ME012257		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
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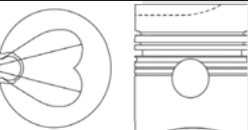

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6DR5 3,988 cc 6 cyl 92.0 mm Bore Ø			Liner/ Sleeve		Piston		Rings		Ø: Length:	28.0 77.0
		Length: Outside Ø: Flange Ø: Flange depth:	176.0 95.0		Length: Comp. height:	99.5 52.5 -3.6	Top: 2nd: 3rd: oil:	2.5 2.0 2.0 4.5		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		31607-02202				31617-00106	31717-12012 31717-12013	31619-00700 31619-00792		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 26800 P	LB 26800 P		KBS 26800		KB 26800	KR 26800	PB 26800		

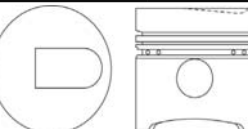

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6DR5 6DR51 3,988 cc 6 cyl 92.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : Length:	28.0 77.0
		Length: Outside Ø: Flange Ø: Flange depth:	176.0 95.0	Length: Comp. height:	99.7 52.7 -2.4		Top: 2nd: 3rd: oil:	2.5 2.0 2.0 4.5		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		31607-02202				MD002044 ME002044	31717-12012 31717-12013	31619-00700 31619-00792		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 26850 P	LB 26850 P		KBS 26850		KB 26850	KR 26850	PB 26850		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
S6E 3,915 cc 6 cyl 94.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : Length:	28.0 77.0
		Length: Outside Ø: Flange Ø: Flange depth:	165.0 98.0	Length: Comp. height:	98.5 51.5 -3.5		Top: 2nd: oil:	2.5 2.0 4.5		
		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		34407-00301				34417-04101 34417-20101	34417-11011 34417-02012			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 26900 P	LB 26900 P		KBS 26900		KB 26900	KR 26900	PB 26900		

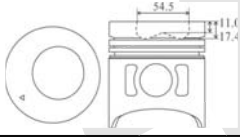

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
S6S 4,996 cc 6 cyl 94.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : Length:	30.0 76.5
		Length: Outside Ø: Flange Ø: Flange depth:	185.0 98.0 101.9 4.0	190.0 98.0	Length: Comp. height:	89.8 55.0 -4.5		Top: 2nd: oil:	2.5 2.0 4.5		
		Reference no.:					Reference no.:	Reference no.:	Reference no.:		
		32A07-00300					32A17-00100	34417-11011 34417-02012			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 26950 P LBS 26950 S	LB 26950 P LB 26950 S			KBS 26950		KB 26950	KR 26950	PB 26950		

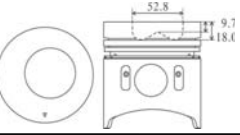

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6DS7		Liner/ Sleeve		Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	201.0 110.0 117.0 10.0 +0.9		Length: Comp. height:	105.2 60.73 -9.27		Top: 2nd: oil:	3.0 2.0 5.0	Ø: Length:	32.0 82.0
5,430 cc 6 cyl 98.0 mm Bore Ø		Reference no.:				Reference no.:		Reference no.:		Reference no.:	
		ME021843				ME023274 ME024402		ME021861 ME023333 ME024409		ME020448 ME020449	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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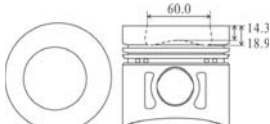

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6DS7 New		Liner/ Sleeve		Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	206.0 110.0 117.0 10.0 +1.15		Length: Comp. height:	105.2 60.73 -9.27		Top: 2nd: oil:	3.0 2.0 5.0	Ø: Length:	32.0 82.0
5,430 cc 6 cyl 98.0 mm Bore Ø		Reference no.:				Reference no.:		Reference no.:		Reference no.:	
		ME029081 ME029187				ME023274 ME024402		ME021861 ME023333 ME024409		ME020448 ME020449	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 27050 F	LB 27050 F		KBS 27050		KB 27050		KR 27050		PB 27050	

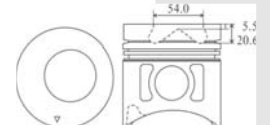

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
S6E2		Liner/ Sleeve		Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	168.5 102.0 102.0 10.0 -3.2		Length: Comp. height:	98.5 51.5 -3.2		Top: 2nd: oil:	3.0 2.0 3.0	Ø: Length:	28.0 77.0
4,440 cc 6 cyl 98.0 mm Bore Ø		Reference no.:				Reference no.:		Reference no.:		Reference no.:	
		34407-05400				34417-54100		34417-09012			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 27100 P	LB 27100 P		KBS 27100		KB 27100		KR 27100		PB 27100	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
S6F			Liner/ Sleeve	Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	168.5 102.0		Length: Comp. height:	96.5 57.6 -14.5 -18.2		Top: 2nd: oil:	3.0 2.0 3.0	Ø: Length:	32.0 78.0
4,432 cc 6 cyl 98.0 mm Bore Ø		Reference no.:				Reference no.:		Reference no.:		Reference no.:	
		34407-05400						34417-09012			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 27150 P LBS 27150 PA	LB 27150 P		KBS 27150 KBS 27150 A		KB 27150 KB 27150 A		KR 27150		PB 27150	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6D31T			Flange	No flange	Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 104.0 109.0 5.0	191.0 104.0	Length: Comp. height:	110.7 60.7 -11.0 -17.4		Top: 2nd: oil:	3.0 2.0 4.0	Ø: Length:	34.0 84.0	
4,948 cc 6 cyl 100.0 mm Bore Ø		Reference no.:					Reference no.:		Reference no.:		Reference no.:	
		ME011626					ME012858		ME997458 ME999836		ME012257	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 27200 PA LBS 27200 SA	LB 27200 P LB 27200 S			KBS 27200 A		KB 27200 A		KR 27200		PB 27200	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6D31			Flange	No flange	Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 104.0 109.0 5.0	191.0 104.0	Length: Comp. height:	110.7 60.7 -9.7 -18.0		Top: 2nd: oil:	3.0 2.0 5.0	Ø: Length:	34.0 84.0	
4,948 cc 6 cyl 100.0 mm Bore Ø		Reference no.:					Reference no.:		Reference no.:		Reference no.:	
		ME011626							ME999717		ME012257	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 27250 P LBS 27250	LB 27250 P LB 27250 S			KBS 27250		KB 27250		KR 27250		PB 27250	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
S6KT 6,380 cc 6 cyl 102.0 mm Bore Ø		Liner/ Sleeve		Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	196.0 105.0		Length: Comp. height:	97.8 57.8 -14.3 -18.9	Top: 2nd: oil:	3.0 2.0 4.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:
		34307-00500 34307-00501				34317-10200 975-10200	34317-19010	34319-10500
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 27300 PA	LB 27300 P		KBS 27300 A		KB 27300 A	KR 27300	PB 27300

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D34T 5,861 cc 6 cyl 104.0 mm Bore Ø		Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	200.0 108.0 113.0 4.0	200.0 108.0	Length: Comp. height:	112.2 62.2 -5.5 -20.6	Top: 2nd: oil:	2.8 2.0 4.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:
		ME012900 ME013366				ME014160	ME996442	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 27350 PA LBS 27350 SA	LB 27350 P LB 27350 S		KBS 27350 A		KB 27350 A	KR 27350	PB 27350

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D34 • 2AT 6D34 • 3AT 5,861 cc 6 cyl 104.0 mm Bore Ø		Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	200.0 108.0 113.0 4.0	200.0 108.0	Length: Comp. height:	112.2 62.2 -6.1 -19.9	Top: 2nd: oil:	2.8 2.0 4.0
		Reference no.:				Reference no.:	Reference no.:	Reference no.:
		ME012900 ME013366				ME220454	ME996442	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 27400 PB LBS 27400 SB	LB 27400 P LB 27400 S		KBS 27400 B		KB 27400 B	KR 27400	PB 27400

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D10 5,974 cc 6 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	205.8 119.0 126.0 10.0 +1.3	Length: Comp. height:	130.7 71.0 -8.0 -10.0	Top: 2nd: oil:	3.0 2.0 5.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME031502	O-Ring: ME031604	ME032194 ME032300	ME032190 ME032326	ME032014 ME032015 ME033943	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 27450 F	LB 27450 F	KBS 27450	KB 27450	KR 27450	PB 27450	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D11 6,754 cc 6 cyl 105.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	228.3 119.0 126.0 10.0 +1.3	Length: Comp. height:	130.7 71.0 -8.0 -10.0	Top: 2nd: oil:	3.0 2.0 5.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME031505	O-Ring: ME031604	ME032301	ME032190 ME032326		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 45100 F	LB 45100 F	KBS 45100	KB 45100	KR 45100	PB 45100	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D14 6,557 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	206.0 122.0 130.6 10.0 +1.4	Length: Comp. height:	115.9 70.9 -11.3 -20.7	Top: 2nd: oil:	3.0 2.5 5.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME031453 ME071174 ME031463 ME071198 ME031508 ME031617 ME031510 ME031618	O-Ring: ME031605	ME032216 ME032298 ME032531 ME032619 ME032621	ME032071 ME032260 ME032404 ME032458 ME033904 ME997423 ME997439		ME032014 ME032015 ME033943
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 27550 F	LB 27550 F	KBS 27550	KB 27550	KR 27550	PB 27550	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																		
6D14 • A		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>206.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>122.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>130.6</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>10.0 +1.4</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	206.0		Outside Ø:	122.0		Flange Ø:	130.6		Flange depth:	10.0 +1.4		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>116.1</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>71.1 -12.0 -21.0</td> <td></td> </tr> </table>		Piston		Length:	116.1		Comp. height:	71.1 -12.0 -21.0			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td rowspan="3">Ø : 38.0 Length: 90.0</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5 5.0</td> </tr> <tr> <td colspan="2">Reference no.:</td> </tr> </table>		Rings		Top:	3.0	Ø : 38.0 Length: 90.0	2nd: oil:	2.5 5.0	Reference no.:		
				Liner/ Sleeve																																				
Length:	206.0																																							
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Length:	116.1																																							
Comp. height:	71.1 -12.0 -21.0																																							
	Rings																																							
Top:	3.0	Ø : 38.0 Length: 90.0																																						
2nd: oil:	2.5 5.0																																							
Reference no.:																																								
6,557 cc 6 cyl 110.0 mm Bore Ø																																								
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																		
	LBS 27600 F	LB 27600 F	KBS 27600	KB 27600	KR 27600	PB 27600																																		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																		
6D14 • 2A		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>206.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>122.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>130.6</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>10.0 +1.4</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	206.0		Outside Ø:	122.0		Flange Ø:	130.6		Flange depth:	10.0 +1.4		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>115.8</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>70.8 -11.5 -20.8</td> <td></td> </tr> </table>		Piston		Length:	115.8		Comp. height:	70.8 -11.5 -20.8			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td rowspan="3">Ø : 38.0 Length: 90.0</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5 5.0</td> </tr> <tr> <td colspan="2">Reference no.:</td> </tr> </table>		Rings		Top:	3.0	Ø : 38.0 Length: 90.0	2nd: oil:	2.5 5.0	Reference no.:		
				Liner/ Sleeve																																				
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Comp. height:	70.8 -11.5 -20.8																																							
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Top:	3.0	Ø : 38.0 Length: 90.0																																						
2nd: oil:	2.5 5.0																																							
Reference no.:																																								
6,557 cc 6 cyl 110.0 mm Bore Ø																																								
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																		
	LBS 27650 FA	LB 27650 F	KBS 27650 A	KB 27650 A	KR 27650	PB 27650																																		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																		
6D14T		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>206.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>122.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>130.6</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>10.0 +1.4</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	206.0		Outside Ø:	122.0		Flange Ø:	130.6		Flange depth:	10.0 +1.4		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>116.1</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>71.1 -10.0 -20.0</td> <td></td> </tr> </table>		Piston		Length:	116.1		Comp. height:	71.1 -10.0 -20.0			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.0</td> <td rowspan="3">Ø : 38.0 Length: 90.0</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5 5.0</td> </tr> <tr> <td colspan="2">Reference no.:</td> </tr> </table>		Rings		Top:	3.0	Ø : 38.0 Length: 90.0	2nd: oil:	2.5 5.0	Reference no.:		
				Liner/ Sleeve																																				
Length:	206.0																																							
Outside Ø:	122.0																																							
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Top:	3.0	Ø : 38.0 Length: 90.0																																						
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6,557 cc 6 cyl 110.0 mm Bore Ø																																								
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																		
	LBS 27700 FA	LB 27700 F	KBS 27700 A	KB 27700 A	KR 27700	PB 27700																																		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D14T 6,557 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	206.0 122.0 130.6 10.0 +1.4	Length: Comp. height:	116.1 71.2 -10.2 -20.3	Top: 2nd: oil:	3.0 2.5 5.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME031453 ME071174 ME031463 ME071198 ME031508 ME031617 ME031510 ME031618	O-Ring: ME031605	ME032742	ME032071 ME032260 ME032404 ME032458 ME033904 ME997423 ME997439	ME032014 ME032015 ME033943	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 27750 FA	LB 27750 F	KBS 27750 A	KB 27750 A	KR 27750	PB 27750	

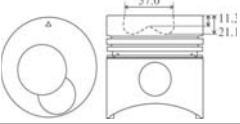

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D14 • 2A 6D14 • 3A 6,557 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	206.0 122.0 130.6 10.0 +1.4	Length: Comp. height:	116.1 71.1 -12.1 -20.6	Top: 2nd: oil:	3.0 2.5 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME031453 ME071174 ME031463 ME071198 ME031508 ME031618 ME031510 ME031617	O-Ring: ME031605	ME072064 ME072170 ME072172	ME999952 ME999927	ME072128	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 27800 FA	LB 27800 F	KBS 27800 A	KB 27800 A	KR 27800	PB 27800	

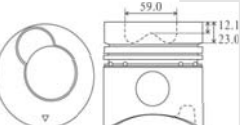

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D14 • 3AT 6,557 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	210.0 121.95 130.65 10.0 +1.4	Length: Comp. height:	116.1 71.1 -12.3 -21.5	Top: 2nd: oil:	2.8 2.5 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME071175 ME071199	O-Ring: ME031605	ME072047	ME997465	ME072128	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 27850 FA	LB 27850 F	KBS 27850 A	KB 27850 A	KR 27850	PB 27850	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6DB1		Liner/ Sleeve		Piston			Rings		Ø: Length:	40.0 95.0
		Length: Outside Ø: Flange Ø: Flange depth:	270.0 125.9 134.5 11.82	Length: Comp. height:	152.5 77.5 -2.6		Top: 2nd: 3rd: oil:	3.5 2.5 2.5 5.0		
8,550 cc 6 cyl 110.0 mm Bore Ø		Reference no.:				Reference no.:	Reference no.:	Reference no.:		
		30007-62200 ME040040				30017-82101 30017-90100 30017-93101	30017-71002 30017-71003 30017-73002 30017-75002 30017-75003	30019-20601		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 27900 F LBS 27900 FA	LB 27900 F		KBS 27900 KBS 27900 A		KB 27900 KB 27900 A	KR 27900	PB 27900		

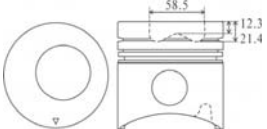

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6D14 • A		Liner/ Sleeve		Piston			Rings		Ø: Length:	38.0 90.0
		Length: Outside Ø: Flange Ø: Flange depth:	206.0 122.0 130.6 10.0 +1.4	Length: Comp. height:	115.8 70.8 -11.9 -21.0		Top: 2nd: oil:	3.0 2.5 5.0		
6,557 cc 6 cyl 110.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
		ME031453 ME071174 ME031463 ME071198 ME031508 ME031618 ME031510 ME031617		O-Ring: ME031605		ME032626	ME032071 ME032260 ME032404 ME032458 ME033904 ME997423 ME997439	ME032014 ME032015 ME033943		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 27950 F	LB 27950 F		KBS 27950		KB 27950	KR 27950	PB 27950		

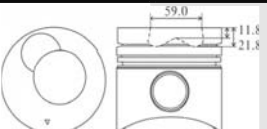

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6D15		Liner/ Sleeve		Piston			Rings		Ø: Length:	
		Length: Outside Ø: Flange Ø: Flange depth:	206.0 125.0 132.8 10.0 +1.5	Length: Comp. height:	115.8 70.8 -11.7 -21.3		Top: 2nd: oil:	3.0 2.5 5.0		
6,919 cc 6 cyl 113.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
		ME031654 ME031656 ME071041 ME071063		O-Ring: ME031601 ME031610 ME071066		ME032480 ME032593 ME032634 ME033963	ME032403 ME072306	ME032014 ME032015 ME033943		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 44750 FA	LB 44750 F		KBS 44750 A		KB 44750 A	KR 44750	PB 44750		

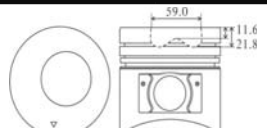

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D15 6,919 cc 6 cyl 113.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		Ø : 38.0 Length: 90.0
		Length: Outside Ø: Flange Ø: Flange depth:	206.0 125.0 132.8 10.0 +1.5	Length: Comp. height:	116.0 71.0 -11.3 -21.1	Top: 2nd: oil:	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME031654 ME031656 ME071041 ME071063	O-Ring: ME031601 ME031610 ME071066	ME033934 ME072033 ME072035	ME032403 ME072306	ME032014 ME032015 ME033943	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 28050 FA	LB 28050 F	KBS 28050 A	KB 28050 A	KR 28050	PB 28050	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D15T 6,919 cc 6 cyl 113.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		Ø : 38.0 Length: 90.0
		Length: Outside Ø: Flange Ø: Flange depth:	211.0 125.0 132.8 10.0 +1.5	Length: Comp. height:	116.2 71.0 -12.1 -23.0	Top: 2nd: oil:	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME071062 ME071063 ME071064	O-Ring: ME031601 ME031610 ME071066	ME032870 ME032871	ME032403 ME072306	ME032014 ME032015 ME033943	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 28100 F LBS 28100 FA	LB 28100 F	KBS 28100 KBS 28100 A	KB 28100 KB 28100 A	KR 28100	PB 28100	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D15T New 6,919 cc 6 cyl 113.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		Ø : 38.0 Length: 92.0
		Length: Outside Ø: Flange Ø: Flange depth:	211.0 125.0 132.8 10.0 +1.5	Length: Comp. height:	116.1 71.1 -12.3 -21.4	Top: 2nd: oil:	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME071062 ME071063 ME071064	O-Ring: ME031601 ME031610 ME071066	ME072055	ME997456 ME997466 ME999929 ME999954	ME072128	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 28150 FA	LB 28150 F	KBS 28150 A	KB 28150 A	KR 28150	PB 28150	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6D15T • 3AT		Liner/ Sleeve	Piston		Rings	Ø : 38.0 Length: 92.0
		Length: 206.0 Outside Ø: 117.0 Flange Ø: 125.0 Flange depth: 8.0 +1.5	Length: 116.1 Comp. height: 71.1 -12.3 -21.4	Top: 2.8 2nd: 2.5 oil: 4.0		
6,919 cc 6 cyl 113.0 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		ME047574 ME071086/7/8/9 ME071090/1/2 ME071145		ME072055	ME997456 ME997466 ME999929 ME999954	ME072128
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 28200 FA	LB 28200 F (phosphated)	KBS 28200 A	KB 28200 A	KR 28200	PB 28200


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6D16		Liner/ Sleeve	Piston		Rings	Ø : 38.0 Length: 92.0
		Length: 205.0 Outside Ø: 122.0 Flange Ø: 128.0 Flange depth: 8.0	Length: 116.1 Comp. height: 71.1 -11.8 -21.8	Top: 3.0 2nd: 2.5 oil: 4.0		
7,545 cc 6 cyl 118.0 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		ME071224 ME071227 ME071225 ME071228 ME071226 ME071230		ME072000 ME072002	ME999540 ME999955	ME072128
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 28250 FA	LB 28250 F (phosphated)	KBS 28250 A	KB 28250 A	KR 28250	PB 28250

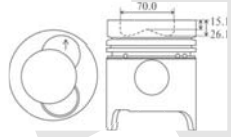

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6D16		Liner/ Sleeve	Piston		Rings	Ø : 38.0 Length: 92.0
		Length: 205.0 Outside Ø: 122.0 Flange Ø: 128.0 Flange depth: 8.0	Length: 116.1 Comp. height: 71.1 -11.8 -21.8	Top: 3.0 2nd: 2.5 oil: 4.0		
7,545 cc 6 cyl 118.0 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:
		ME071224 ME071227 ME071225 ME071228 ME071226 ME071230		ME072062	ME999540 ME999955	ME035380 ME035381 ME072126
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 28300 FA	LB 28300 F (phosphated)	KBS 28300 A	KB 28300 A	KR 28300	PB 28300

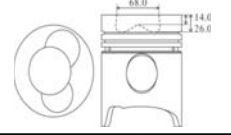

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D16T		Liner/ Sleeve	Piston		Rings		
			Length: Outside Ø: Flange Ø: Flange depth:	206.0 122.0 128.0 8.0 +1.5	Length: Comp. height:	116.1 71.1 -12.2 -22.7	Top: 2nd: oil:
7,545 cc 6 cyl 118.0 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		ME041102 ME041105 ME041107		ME072065	ME996591 ME997467 ME997999 ME999549	ME072128	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 28350 FA	LB 28350 F (phosphated)	KBS 28350 A	KB 28350 A	KR 28350	PB 28350	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D17	LBS 28400 FA consists of LB 28400 F	Flanged Flanged (-1F)	Piston		Rings		
			Length: Outside Ø: Flange Ø: Flange depth:	209.0 122.0 128.0 8.0 8.0 +1.5	Length: Comp. height:	111.1 66.1 -5.5 -23.1	Top: 2nd: oil:
8,201 cc 6 cyl 118.0 mm Bore Ø	LBS 28400-1 FA consists of LB 28400-1 F	Reference no.:		Reference no.:	Reference no.:	Reference no.:	
		ME071125 ME071537 ME071538 ME071543		ME072576	ME999540 ME999955	ME072128	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 28400 FA LBS 28400-1 FA	LB 28400 F LB 28400-1 F (phosphated)	KBS 28400 A	KB 28400 A	KR 28400	PB 28400	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D20		Liner/ Sleeve	Piston		Rings		
			Length: Outside Ø: Flange Ø: Flange depth:	261.3 143.0 153.0 11.5 +1.3	Length: Comp. height:	155.5 83.0 -13.5 -23.4	Top: 2nd: oil:
10,308 cc 6 cyl 125.0 mm Bore Ø		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		30907-10500 ME051157 ME051553 ME051554	O-Ring: 30907-00801 ME093520	30917-10101 30917-10103	ME052145	30319-00600 30319-00690 ME052158 ME052159 ME052603 ME052660	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 28450 FA	LB 28450 F	KBS 28450 A	KB 28450 A	KR 28450	PB 28450	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6D20		Liner/ Sleeve		Piston			Rings		Ø : 50.0 Length: 101.0	Reference no.:
		Length: Outside Ø: Flange Ø: Flange depth:	261.3 143.0 153.0 11.5 +1.3		Length: Comp. height:		158.2 83.2 -22.7	Top: 2nd: oil:		
10,308 cc 6 cyl 125.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:		30319-00600 30319-00690 ME052158 ME052159 ME052603 ME052660	
		30907-10500 ME051157 ME051553 ME051554		O-Ring: 30907-00801 ME093520		ME052264	30917-01012 30917-01013			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 28500 FA	LB 28500 F		KBS 28500 A		KB 28500 A	KR 28500		PB 28500	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6D22		Liner/ Sleeve		Piston			Rings		Ø : 50.0 Length: 105.0	Reference no.:
		Length: Outside Ø: Flange Ø: Flange depth:	262.0 147.0 156.0 11.5 +1.8		Length: Comp. height:		158.0 82.9 -15.1 -26.1	Top: 2nd: oil:		
11,149 cc 6 cyl 130.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:		30319-00600 30319-00690 ME052158 ME052159 ME052603 ME052660	
		ME051217 ME051500 ME051501 ME051502 ME051503		O-Ring: 30907-22300 31107-02401 ME051375		ME052447 ME052448 ME052449	30917-20010 ME052124 ME052787			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 28550 FA	LB 28550 F		KBS 28550 A		KB 28550 A	KR 28550		PB 28550	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
6D22		Liner/ Sleeve		Piston			Rings		Ø : 50.0 Length: 105.0	Reference no.:
		Length: Outside Ø: Flange Ø: Flange depth:	262.0 147.0 156.0 11.5 +1.8		Length: Comp. height:		158.0 83.0 -14.0 -26.0	Top: 2nd: oil:		
11,149 cc 6 cyl 130.0 mm Bore Ø		Reference no.:		Reference no.:		Reference no.:	Reference no.:		30319-00600 30319-00690 ME052158 ME052159 ME052603 ME052660	
		ME051217 ME051500 ME051501 ME051502 ME051503		O-Ring: 30907-22300 31107-02401 ME051375		ME052902	30917-20010 ME052124 ME052787			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 28600 FA	LB 28600 F		KBS 28600 A		KB 28600 A	KR 28600		PB 28600	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
6D22T		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>262.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>147.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>156.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>11.5 +1.8</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	262.0		Outside Ø:	147.0		Flange Ø:	156.0		Flange depth:	11.5 +1.8		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>158.1</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>83.1 -12.3 -23.3</td> <td></td> </tr> </table>		Piston		Length:	158.1		Comp. height:	83.1 -12.3 -23.3			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.3</td> <td></td> </tr> <tr> <td>2nd:</td> <td>3.0</td> <td></td> </tr> <tr> <td>oil:</td> <td>6.0</td> <td></td> </tr> </table>		Rings		Top:	3.3		2nd:	3.0		oil:	6.0		<table border="1"> <tr> <td>Ø:</td> <td>50.0</td> </tr> <tr> <td>Length:</td> <td>105.0</td> </tr> </table>	Ø:	50.0	Length:	105.0
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Flange Ø:	156.0																																													
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	Piston																																													
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																								
	LBS 28650 FA	LB 28650 F	KBS 28650 A	KB 28650 A	KR 28650	PB 28650																																								

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
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6D24 11,945 cc 6 cyl 130.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	262.0 147.0 156.0 11.5 +1.8	Length: Comp. height:		153.2 78.2 -11.8 -26.2	Top: 2nd: oil:
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME051217 ME051500 ME051501 ME051502 ME051503	O-Ring: 30907-22300 31107-02401 ME051375	ME151409 ME151413 ME151414 ME151415	ME052889 ME052893 ME151190	ME151450	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 28800 FB	LB 28800 F	KBS 28800 B	KB 28800 B	KR 28800	PB 28800	

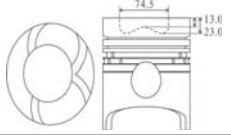

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D24 • 3V 11,945 cc 6 cyl 130.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	262.0 147.0 156.0 11.5 +1.8	Length: Comp. height:		153.2 78.2 -11.8 -26.2	Top: 2nd: oil:
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME051217 ME051500 ME051501 ME051502 ME051503	O-Ring: 30907-22300 31107-02401 ME051375	ME151416 ME151420 ME151421 ME151422	ME052889 ME052893 ME151190	ME151450	
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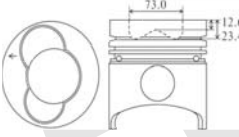

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
6D24 11,945 cc 6 cyl 130.0 mm Bore Ø		Liner/ Sleeve	Piston			Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	262.0 147.0 156.0 11.5 +1.8	Length: Comp. height:		153.2 78.2 -11.8 -26.2	Top: 2nd: oil:
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME051217 ME051500 ME051501 ME051502 ME051503	O-Ring: 30907-22300 31107-02401 ME051375	ME151395 ME151399 ME151400 ME151401	ME052889 ME052893 ME151190	ME151450	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 28900 FA	LB 28900 F	KBS 28900 A	KB 28900 A	KR 28900	PB 28900	

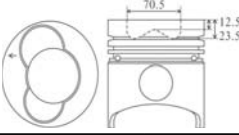

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
6D24 • 3V		Liner/ Sleeve	Piston		Rings	Ø : Length:
11,945 cc 6 cyl 130.0 mm Bore Ø		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		ME051217 ME051500 ME051501 ME051502 ME051503	O-Ring: 30907-22300 31107-02401 ME051375	ME151402 ME151406 ME151407 ME151408	ME052889 ME052893 ME151190	ME151450
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	LBS 28950 FA	LB 28950 F	KBS 28950 A	KB 28950 A	KR 28950	PB 28950

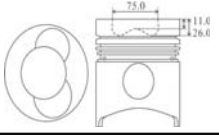

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
8DC4		Liner/ Sleeve	Piston		Rings	Ø : Length:
13,273 cc 8 cyl 130.0 mm Bore Ø		229.3 147.0 157.0 11.8 +1.3	145.2 80.4 -8.5 -21.2		3.3 3.0 6.0	45.0 108.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		31207-43401 31207-43402 31207-72503 31207-72603 31207-72604 ME062526	O-Ring: 31107-02401 31107-03500	31217-50105 31217-56103 ME062273	ME062298	31219-70600
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 29000 FA	LB 29000 F (water jacket chromed)	KBS 29000 A	KB 29000 A	KR 29000	PB 29000

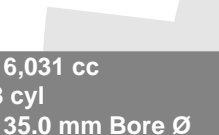

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
8DC2		Liner/ Sleeve	Piston		Rings	Ø : Length:
13,273 cc 8 cyl 130.0 mm Bore Ø		229.3 147.0 157.0 11.8 +1.3	145.0 80.3 -2.6 -11.5		4.0 3.0 6.0	45.0 108.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		31207-43401 31207-43402 31207-72503 31207-72603 31207-72604 ME062526	O-Ring: 31107-02401 31107-03500	31217-77101	31217-02010 ME062109 ME062117	31219-70600
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 29050 FA	LB 29050 F (water jacket chromed)	KBS 29050 A	KB 29050 A	KR 29050	PB 29050

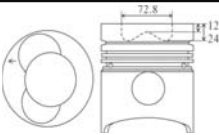

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
8DC8		Liner/ Sleeve		Piston			Rings		Ø : 45.0 Length: 108.0	
		Length: 229.3 Outside Ø: 154.0 Flange Ø: 163.0 Flange depth: 11.8 +1.0		Length: 142.8 Comp. height: 78.0 -13.0 -23.0				Top: 4.0 2nd: 3.0 oil: 6.0		
14,886 cc 8 cyl 135.0 mm Bore Ø										
										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 29100 FA	LB 29100 F (water jacket chromed)		KBS 29100 A	KB 29100 A	ME062287	31217-60012 ME062086		31219-70600	

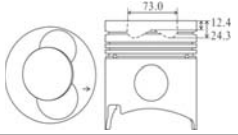

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
8DC81		Liner/ Sleeve		Piston			Rings		Ø : 45.0 Length: 108.0	
		Length: 229.3 Outside Ø: 154.0 Flange Ø: 163.0 Flange depth: 11.8 +1.0		Length: 143.0 Comp. height: 78.0 -12.6 -23.4				Top: 3.3 2nd: 3.0 oil: 6.0		
14,886 cc 8 cyl 135.0 mm Bore Ø										
										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
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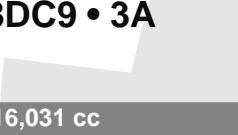

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
8DC82		Liner/ Sleeve		Piston			Rings		Ø : 45.0 Length: 108.0	
		Length: 229.3 Outside Ø: 154.0 Flange Ø: 163.0 Flange depth: 11.8 +1.0		Length: 143.1 Comp. height: 78.1 -12.5 -23.5				Top: 3.3 2nd: 3.0 oil: 4.0		
14,886 cc 8 cyl 135.0 mm Bore Ø										
										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 29200 FA	LB 29200 F (water jacket chromed)		KBS 29200 A	KB 29200 A	ME090717	ME090574		31219-70600	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
8DC9		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>260.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>154.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>163.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>11.8 +1.2</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	260.0		Outside Ø:	154.0		Flange Ø:	163.0		Flange depth:	11.8 +1.2		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>153.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>88.0 -11.0 -26.0</td> <td></td> </tr> </table>		Piston		Length:	153.0		Comp. height:	88.0 -11.0 -26.0			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.3</td> <td rowspan="4"> <table border="1"> <tr> <td>Ø:</td> <td>50.0</td> </tr> <tr> <td>Length:</td> <td>112.0</td> </tr> </table> </td> </tr> <tr> <td>2nd:</td> <td>3.0</td> </tr> <tr> <td>3rd:</td> <td>3.0</td> </tr> <tr> <td>oil:</td> <td>6.0</td> </tr> </table>		Rings		Top:	3.3	<table border="1"> <tr> <td>Ø:</td> <td>50.0</td> </tr> <tr> <td>Length:</td> <td>112.0</td> </tr> </table>	Ø:	50.0	Length:	112.0	2nd:	3.0	3rd:	3.0	oil:	6.0	
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
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	LBS 29350 FA	LB 29350 F (water jacket chromed)	KBS 29350 A	KB 29350 A	KR 29350	PB 29350																																								

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
8DC91T		Liner/ Sleeve		Piston			Rings		Ø : Length:	50.0 112.0
		Length: Outside Ø: Flange Ø: Flange depth:	260.0 154.0 163.0 11.8 +1.2	Length: Comp. height:	153.2 88.2 -12.4 -24.3		Top: 2nd: oil:	3.3 3.0 3.0 4.0		
16,031 cc 8 cyl 135.0 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		ME061782		O-Ring: 31207-62302 31207-62400 31207-62401	ME090163 ME091048	ME090578	31219-34300 31219-34390 ME062310			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 29400 FA	LB 29400 F (water jacket chromed)		KBS 29400 A	KB 29400 A	KR 29400	PB 29400			

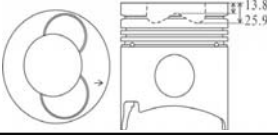

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
8DC9 • 3A		Liner/ Sleeve		Piston			Rings		Ø : Length:	50.0 112.0
		Length: Outside Ø: Flange Ø: Flange depth:	259.7 154.0 163.0 11.8 +1.7	Length: Comp. height:	153.1 88.1		Top: 2nd: 3rd: oil:	3.3 3.0 3.0 4.0		
16,031 cc 8 cyl 135.0 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		ME996209		ME062602 ME062603 ME062604	O-Ring: 31207-62302 31207-62400 31207-62401	ME093424	ME090578	31219-34300 31219-34390 ME062310		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 29450 FA	LB 29450 F (water jacket chromed)		KBS 29450 A	KB 29450 A	KR 29450	PB 29450			

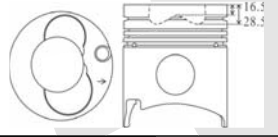

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
8DC6		Liner/ Sleeve		Piston			Rings		Ø : Length:	45.0 108.0
		Length: Outside Ø: Flange Ø: Flange depth:	229.3 154.0 163.0 11.8 +1.3	Length: Comp. height:	142.8 77.8		Top: 2nd: oil:	4.0 3.0 6.0		
14,886 cc 8 cyl 135.0 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		31207-63202 ME062379		O-Ring: 31207-62302 31207-62400 31207-62401	31217-78101	31217-60012 ME062086	31219-70600			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 45250 FA	LB 45250 F		KBS 45250 A	KB 45250 A	KR 45250	PB 45250			

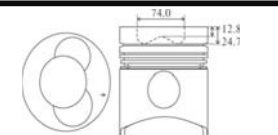

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
8DC9 • 3AT 14,886 cc 8 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	259.7 154.0 163.0 11.8 +1.7	Length: Comp. height:	153.0 88.0	Top: 2nd: oil:	3.3 3.0 3.0 6.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME062602 ME062603 ME062604	O-Ring: 31207-62302 31207-62400 31207-62401	ME090167	ME062018 ME062230	31219-34300 31219-34390 ME062310	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 29550 FA	LB 29550 F (water jacket chromed)	KBS 29550 A	KB 29550 A	KR 29550	PB 29550	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
8DC91 • 3AT 16,031 cc 8 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	259.7 154.0 163.0 11.8 +1.7	Length: Comp. height:	153.1 88.1	Top: 2nd: 3rd: oil:	3.3 3.0 3.0 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME062602 ME062603 ME062604	O-Ring: 31207-62302 31207-62400 31207-62401	ME092922	ME090578	31219-34300 31219-34390 ME062310	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 29600 BFA	LB 29600 F (water jacket chromed)	KBS 29600 BA	KB 29600 BA	KR 29600	PB 29600	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
8DC82 14,886 cc 8 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	229.3 154.0 163.0 11.8 +1.0	Length: Comp. height:	143.1 78.1 -12.3 -23.6	Top: 2nd: oil:	3.3 3.0 6.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		31207-72183	O-Ring: 31207-62302 31207-62400 31207-62401	ME062589	ME062022 ME062246 ME065684	31219-70600	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 29650 FA	LB 29650 F (water jacket chromed)	KBS 29650 CA	KB 29650 CA	KR 29650	PB 29650	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
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	LBS 29700 FA	LB 29700 F (water jacket chromed)	KBS 29700 A	KB 29700 A	KR 29700	PB 29700																																								

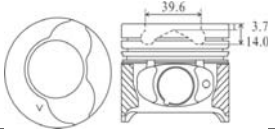

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
8DC9T2 • 3V		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>259.7</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>154.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>163.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>11.8 +1.7</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	259.7		Outside Ø:	154.0		Flange Ø:	163.0		Flange depth:	11.8 +1.7		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>153.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>88.0 -16.5 -28.5</td> <td></td> </tr> </table>		Piston		Length:	153.0		Comp. height:	88.0 -16.5 -28.5			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>3.3</td> <td rowspan="5"> <table border="1"> <tr> <td>Ø:</td> <td>50.0</td> </tr> <tr> <td>Length:</td> <td>112.0</td> </tr> </table> </td> </tr> <tr> <td>2nd:</td> <td>3.0</td> </tr> <tr> <td>3rd:</td> <td>3.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>		Rings		Top:	3.3	<table border="1"> <tr> <td>Ø:</td> <td>50.0</td> </tr> <tr> <td>Length:</td> <td>112.0</td> </tr> </table>	Ø:	50.0	Length:	112.0	2nd:	3.0	3rd:	3.0	oil:	4.0	
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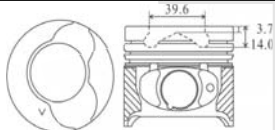

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuche/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
8DC10 17,739 cc 8 cyl 138.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	259.7 154.0 163.0 11.8 +1.7	Length: Comp. height:	153.1 88.1 -12.9 -24.8	Top: 2nd: 3rd: oil:	3.3 3.0 3.0 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME062783	O-Ring: 31207-62302 31207-62400 31207-62401	ME091049	ME090582 ME997030	31219-34300 31219-34390 ME062310	
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	LBS 29850 FA	LB 29850 F (water jacket chromed)	KBS 29850 A	KB 29850 A	KR 29850	PB 29850	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuche/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
8DC11 16,752 cc 8 cyl 142.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	259.5 154.0 163.0 201.3 +1.7	Length: Comp. height:	153.1 88.1 -13.1 -25.3	Top: 2nd: 3rd: oil:	3.3 3.0 3.0 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME060439 ME060440 ME060441	O-Ring: ME035606 ME035614	ME091050	30617-50111 ME090586 ME999990	31219-34300 31219-34390 ME062310	
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	LBS 29900 FA	LB 29900 F (phosphating and water jacket chromed)	KBS 29900 A	KB 29900 A	KR 29900	PB 29900	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuche/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
8M20 20,089 cc 8 cyl 146.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	258.2 158.0 177.5 12.0 +2.0	Length: Comp. height:	147.7 82.7 -9.4 -24.8	Top: 2nd: 3rd: oil:	3.3 3.0 3.0 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		ME997879	ME161018	O-Ring: ME020855	ME160286	ME996163	ME062310 31219-34300 31219-34390
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 29950 FA	LB 29950 F (water jacket chromed)	KBS 29950 A	KB 29950 A	KR 29950	PB 29950	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
K9K 700/704 K9K 722/750 ALMERA KUBISTAR MICRA 1.5 DCI (K12E N16E) 2003-2005 1,461 cc 4 cyl 76.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>145.0</td> <td>140.0</td> </tr> <tr> <td>Outside Ø:</td> <td>80.5</td> <td>80.5</td> </tr> <tr> <td>Flange Ø:</td> <td>84.5</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> </tr> </table>		Flanged	No flange	Length:	145.0	140.0	Outside Ø:	80.5	80.5	Flange Ø:	84.5		Flange depth:	5.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>66.0</td> </tr> <tr> <td>Comp. height:</td> <td>41.78</td> </tr> <tr> <td></td> <td>-3.7</td> </tr> <tr> <td></td> <td>-14.0</td> </tr> </table>	Piston		Length:	66.0	Comp. height:	41.78		-3.7		-14.0	Alfin skirt MOS2 treated	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>2.5</td> </tr> </table>	Rings		Top:	2.0	2nd:	2.0	oil:	2.5	<table border="1"> <tr> <td>Ø:</td> <td>25.0</td> </tr> <tr> <td>Length:</td> <td>60.0</td> </tr> </table>	Ø:	25.0	Length:	60.0
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	LBS 43050 PA LBS 43050 SA	LB 43050 P LB 43050 S LB 43050-2 S	KBS 43050 A	KB 43050 A	KR 43050	PB 43050																																					


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
TD15 MICRA 1.5 D (K11E) 1989- cc cyl mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>147.5</td> <td>142.5</td> </tr> <tr> <td>Outside Ø:</td> <td>81.0</td> <td>81.0</td> </tr> <tr> <td>Flange Ø:</td> <td>84.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> </tr> </table>		Flanged	No flange	Length:	147.5	142.5	Outside Ø:	81.0	81.0	Flange Ø:	84.0		Flange depth:	5.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>66.32</td> </tr> <tr> <td>Comp. height:</td> <td>40.37</td> </tr> <tr> <td></td> <td>-1.5</td> </tr> <tr> <td></td> <td>-2.4</td> </tr> </table>	Piston		Length:	66.32	Comp. height:	40.37		-1.5		-2.4	Alfin skirt MOS2 treated	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>1.75</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>	Rings		Top:	2.0	2nd:	1.75	oil:	3.0	<table border="1"> <tr> <td>Ø:</td> <td>23.0</td> </tr> <tr> <td>Length:</td> <td>60.0</td> </tr> </table>	Ø:	23.0	Length:	60.0
			Flanged	No flange																																							
		Length:	147.5	142.5																																							
Outside Ø:	81.0	81.0																																									
Flange Ø:	84.0																																										
Flange depth:	5.0																																										
Piston																																											
Length:	66.32																																										
Comp. height:	40.37																																										
	-1.5																																										
	-2.4																																										
Rings																																											
Top:	2.0																																										
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oil:	3.0																																										
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Length:	60.0																																										
Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:																																					
<table border="1"> <tr> <td colspan="2">Reference no.:</td> </tr> <tr> <td colspan="2">12010-6F910</td> </tr> <tr> <td colspan="2">12010-6F911</td> </tr> <tr> <td colspan="2">12010-6F912</td> </tr> </table>		Reference no.:		12010-6F910		12010-6F911		12010-6F912		<table border="1"> <tr> <td colspan="2">Reference no.:</td> </tr> <tr> <td colspan="2">12010-6F910</td> </tr> <tr> <td colspan="2">12010-6F911</td> </tr> <tr> <td colspan="2">12010-6F912</td> </tr> </table>		Reference no.:		12010-6F910		12010-6F911		12010-6F912		Reference no.:	Reference no.:	Reference no.:																					
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12010-6F911																																											
12010-6F912																																											
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
	LBS 43100 P LBS 43100 S	LB 43100 P LB 43100 S	KBS 43100	KB 43100	KR 43100	PB 43100																																					


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
CD17 CHERRY SUNNY (B11 B12 N12 N13 Y10) 1982-1998 1,680 cc 4 cyl 80.0 mm Bore Ø			Flanged	No flange	Piston		Rings		
		Length:	146.0	146.0	Length:	71.0	Top:	1.75	Ø : 24.0 Length: 63.0
		Outside Ø:	84.0	84.0	Comp. height:	41.0	2nd:	2.0	
Flange Ø:	86.0		Flange depth:	4.8		oil:	3.0	Reference no.:	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11012-16A00				12010-6A02/4/6 12010-7A02/4/6 12010-71A02/4/6		12033-16A00 12033-16A10 12036-16A00 12036-16A10 12038-16A00 12038-16A10	12030-16A00 12030-16A01 12030-16A02
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 43150 PA LBS 43150 SA	LB 43150 P LB 43150 S		KBS 43150 A		KB 43150 A	KR 43150	PB 43150	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
F9Q 780 PRIMASTAR INTERSTAR 1.9 DTI (X70 X83) 2002- 1,870 cc 4 cyl 80.0 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length:	154.0	154.0	Length:	77.4	Alfin skirt MOS2 treated	Top:	2.5	Ø : 28.0 Length: 60.0
		Outside Ø:	83.05	83.05	Comp. height:	47.06		2nd:	2.0	
Flange Ø:	86.0		Flange depth:	5.0		oil:	3.0	Reference no.:		
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		
				12010-00QAD 12010-00QAE 12010-00QAF		12033-AW300 A2033-00QAA				
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 43200 PA LBS 43200 SA	LB 43200 P LB 43200 S		KBS 43200 A		KB 43200 A	KR 43200	PB 43200		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
F9Q 800 PRIMERA 1.9 DCI (P12E) 2003- 1,870 cc 4 cyl 80.0 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length:	154.0	154.0	Length:	77.0	Alfin and with oil gallery skirt MOS2 treated	Top:	2.5	Ø : 28.0 Length: 60.0
		Outside Ø:	83.05	83.05	Comp. height:	47.04		2nd:	2.0	
Flange Ø:	86.0		Flange depth:	5.0		oil:	3.0	Reference no.:		
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		
				12010-AW303 12010-AW304 12010-AW305		12033-AW300 A2033-00QAA				
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 43250 PB LBS 43250 SB	LB 43250 P LB 43250 S		KBS 43250 B		KB 43250 B	KR 43250	PB 43250		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
R9M QASHQAI (J10E) QASHQAI +2 (JJ10E) 1,598 cc 4 cyl 80.0 mm Bore Ø			Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings		Ø: Length:
		Length: Outside Ø: Flange Ø: Flange depth:		Length: Comp. height:			Top: 2nd: oil:		
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
				KBS 43300 B		KB 43300 B			

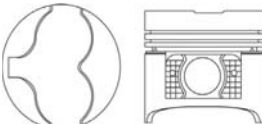

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
SD22 5 Rings PICK UP (720 SERIES) 1979-1981 2,164 cc 4 cyl 83.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø: Length:
		Length: Outside Ø: Flange Ø: Flange depth:	176.0 87.0 93.0 5.1		Length: Comp. height:		96.0 48.0 -0.7 -2.1	Top: 2nd: 3rd: 1st oil: 2nd oil:	
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:
		11012-76200 11012-76201				12010-J5310 12010-J5312 12010-Y1411 12010-Y5210 12101-Y5211	12033-76202 12033-76203 12033-V1310 12033-Y1400 12033-Y1402 12033-Y1410/2		12030-37500
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 43350 F LBS 43350 S	LB 43350 F LB 43350 S		KBS 43350		KB 43350	KR 43350		PB 43350



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
SD22 3 Rings PICK UP URVAN (720 SERIES E23) 1980-1982 2,164 cc 4 cyl 83.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø: Length:
		Length: Outside Ø: Flange Ø: Flange depth:	176.0 87.0 93.0 5.1		Length: Comp. height:	90.0 48.0 -0.5 -2.0	Top: 2nd: oil:	2.5 2.0 4.5	
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:
		11012-76200 11012-76201				12010-36W10 12010-R8110 12010-R8111	12033-R8100 12033-R8103 12033-R8104 12033-R8110 12033-R8112 12033-R8114		12030-L2000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 43400 F LBS 43400 S	LB 43400 F LB 43400 S		KBS 43400		KB 43400	KR 43400		PB 43400



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
M9R 780 PRIMASTAR (X83) 2006- 1,995 cc 4 cyl 84.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : Length:	30.0 65.0
		Length: Outside Ø: Flange Ø: Flange depth:	169.5 88.0 91.0 5.0	169.5 88.0	Length: Comp. height:	76.0 47.9 -5.3 -14.9		Top: 2nd: oil:	2.5 2.0 2.0		
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:		
				12000-00Q0C 12000-00Q0D 12000-00Q0E 12000-00Q0F 12000-00Q0G			12033-00Q0A				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 43450 PB LBS 43450 SB	LB 43450 P LB 43450 S		KBS 43450 B		KB 43450 B	KR 43450		PB 43450		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
M9R 780 QASHQAI X-TRAIL (J10E T31) 2007- 1,995 cc 4 cyl 84.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : Length:	32.0 65.0
		Length: Outside Ø: Flange Ø: Flange depth:	169.5 88.0 91.0 5.0	169.5 88.0	Length: Comp. height:	76.0 47.9 -5.3 -14.9		Top: 2nd: oil:	2.5 2.0 2.0		
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:		
				12000-00Q0K 12000-00Q0L 12000-00Q0M 12000-00Q0N 12000-00Q0P			12033-00Q0A		8200580650		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 98000 PB LBS 98000 SB	LB 98000 P LB 98000 S		KBS 98000 B		KB 98000 B	KR 98000		PB 98000		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
M1D QUASHQAI X-TRAIL 1,995 cc 4 cyl 84.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : Length:	
		Length: Outside Ø: Flange Ø: Flange depth:			Length: Comp. height:			Top: 2nd: oil:			
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
				KBS 43550 B		KB 43550 B					

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
CD20 ALMERA PRIMERA SUNNY (N14 N15 P10E W10 Y10) 1990-1996 1,973 cc 4 cyl 84.5 mm Bore Ø			Flanged	No flange	Piston		Reference no.: 12010-57J00 12010-57J01/2/3/4 12010-57J71/2 A2010-57J00/10 A2010-57J01/2/3/4 A2010-57J11/2/6/7 A2010-8E100 A2010-E101/2/3/4	Rings		Ø : 25.0 Length: 66.5	
		Length:	148.0	148.0	Length:	75.5		Top:	2.0		2nd: oil: 2.0 3.0
		Outside Ø: Flange Ø: Flange depth:	87.5 89.5 4.8	87.5	Comp. height:	44.3 -1.2		Reference no.:	Reference no.:		
		Reference no.:		Reference no.:			Reference no.:	Reference no.:			
		11012-16A02					12033-57J00 12035-57J00 12036-57J00	12030-57J00			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 61000 PA LBS 61000 SA	LB 61000 P LB 61000 S		KBS 61000 A		KB 61000 A	KR 61000	PB 61000			


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
CD20T PRIMERA (P11E WP11E) 1996-1999 1,973 cc 4 cyl 84.5 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery head anodized Reference no.: A2010-1C310 A2010-2J600 A2010-2J601 A2010-2J602 A2010-2J603 A2010-2J604 A2010-2J671 A2010-2J672	Rings		Ø : 28.0 Length: 66.5	
		Length:	148.0	148.0	Length:	75.6		Top:	2.0		2nd: oil: 2.0 3.0
		Outside Ø: Flange Ø: Flange depth:	87.5 89.5 4.8	87.5	Comp. height:	44.3 -1.2 -2.6		Reference no.:	Reference no.:		
		Reference no.:		Reference no.:			Reference no.:	Reference no.:			
		11012-16A02					12033-1C300 12035-1C300 12036-1C300	12030-1C300			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 43650 PB LBS 43650 SB	LB 43650 P LB 43650 S		KBS 43650 B		KB 43650 B	KR 43650	PB 43650			


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
LD20 BLUEBIRD VANETTE (910 SERIES C120) 1980-1981 1,952 cc 4 cyl 85.0 mm Bore Ø	Remarks: alfin pistons are not in stock		Flanged	No flange	Piston		Reference no.: 12010-W1702 12010-W1762 12010-W1764 12010-W1766 12010-18L02	Rings		Ø : 25.0 Length: 67.0	
		Length:	150.0	150.0	Length:	86.4		Top:	2.0		2nd: oil: 2.0 4.0
		Outside Ø: Flange Ø: Flange depth:	89.0 93.0 2.0	89.0	Comp. height:	46.5 -2.0 -3.3		Reference no.:	Reference no.:		
		Reference no.:		Reference no.:			Reference no.:	Reference no.:			
		11012-W1702					12033-35E25 12033-V7225 12033-W1700 12033-W3400	12030-V0700 12030-V0701			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 43700 P LBS 43700 S	LB 43700 P LB 43700 S		KBS 43700		KB 43700	KR 43700	PB 43700			


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
LD20 II LD20 New BLUEBIRD SERENA VANETTE (C23M GC22 T12 T72 U11) 1985-1994 1,952 cc 4 cyl 85.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 25.0 Length: 67.0
		Length:	150.0	150.0	Length:	78.0		Top:	2.0	
		Outside Ø:	89.0	89.0	Comp. height:	46.5				
		Flange Ø:	93.0			-1.3				
		Flange depth:	2.0			-2.8				
		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
		11012-W1702					12010-G5502 12010-G5562 12010-G5564 12010-G5566	12033-35E25 12033-V7225 12033-W1700 12033-W3400		12030-V0700 12030-V0701
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 43750 PA LBS 43750 SA	LB 43750 P LB 43750 S			KBS 43750 A		KB 43750 A	KR 43750		PB 43750

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
LD20T BLUEBIRD (910 SERIES U11) 1981-1986 1,952 cc 4 cyl 85.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : 26.0 Length: 66.0
		Length:	150.0	150.0	Length:	72.5		Top:	2.0	
		Outside Ø:	89.0	89.0	Comp. height:	46.5	2nd:	2.0		
		Flange Ø:	93.0			-2.0	oil:	4.0		
		Flange depth:	2.0			-2.4				
		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
		11012-W1702					12010-W3402 12010-W3404 12010-W3406	12033-35E10 12033-W4200 12036-35E10 12036-W4200 12038-35E10 12038-W4200		12030-W3400
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 43800 PB LBS 43800 SB	LB 43800 P LB 43800 S			KBS 43800 B		KB 43800 B	KR 43800		PB 43800

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
M9T NV400 2,298 cc 4 cyl 85.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : Length:
		Length:			Length:			Top:		
		Outside Ø:			Comp. height:		2nd:			
		Flange Ø:					oil:			
		Flange depth:								
		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
					KBS 43850 B		KB 43850 B			

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																										
YD22DDT/ DDTi YD22ETi/ TDi ALMERA PRIMERA X-TRAIL (N16E P12E T30 V10M) 2003- 2,184 cc 4 cyl 86.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> <td rowspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>160.0</td> <td>160.0</td> </tr> <tr> <td>Outside Ø:</td> <td>90.0</td> <td>90.0</td> <td>Length:</td> <td>73.8</td> </tr> <tr> <td>Flange Ø:</td> <td>94.0</td> <td></td> <td>Comp. height:</td> <td>48.6</td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> <td></td> <td>-6.7</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>-15.2</td> </tr> </table>		Flanged	No flange	Piston	Length:	160.0	160.0	Outside Ø:	90.0	90.0	Length:	73.8	Flange Ø:	94.0		Comp. height:	48.6	Flange depth:	5.0			-6.7					-15.2	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td colspan="2">Rings</td> <td></td> <td></td> </tr> <tr> <td>Top:</td> <td>2.0</td> <td rowspan="3">Ø:</td> <td rowspan="3">28.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> <tr> <td></td> <td></td> <td>Length:</td> <td>69.0</td> </tr> </table>	Rings				Top:	2.0	Ø:	28.0	2nd:	2.0	oil:	3.0			Length:	69.0	
			Flanged	No flange	Piston																																											
		Length:	160.0	160.0																																												
Outside Ø:	90.0	90.0	Length:	73.8																																												
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Flange depth:	5.0			-6.7																																												
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Rings																																																
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oil:	3.0																																															
		Length:	69.0																																													
Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																												
			A2010-AW400 A2010-AW401 A2010-AW402 A2010-AW471 A2010-AW472	12033-AW400 12033-4U400 12033-8H800 12033-8H810 12033-ES60A	12030-AD200																																											
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																										
	LBS 31000 PB LBS 31000 SB	LB 31000 P LB 31000 S	KBS 31000 B	KB 31000 B	KR 31000	PB 31000																																										



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																										
YD22DDT/ DDTi ALMERA (N16E V10M) 2002- 2,184 cc 4 cyl 86.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> <td rowspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>160.0</td> <td>160.0</td> </tr> <tr> <td>Outside Ø:</td> <td>90.0</td> <td>90.0</td> <td>Length:</td> <td>80.1</td> </tr> <tr> <td>Flange Ø:</td> <td>94.0</td> <td></td> <td>Comp. height:</td> <td>49.0</td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> <td></td> <td>-6.7</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>-16.8</td> </tr> </table>		Flanged	No flange	Piston	Length:	160.0	160.0	Outside Ø:	90.0	90.0	Length:	80.1	Flange Ø:	94.0		Comp. height:	49.0	Flange depth:	5.0			-6.7					-16.8	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td colspan="2">Rings</td> <td></td> <td></td> </tr> <tr> <td>Top:</td> <td>2.0</td> <td rowspan="3">Ø:</td> <td rowspan="3">28.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> <tr> <td></td> <td></td> <td>Length:</td> <td>60.0</td> </tr> </table>	Rings				Top:	2.0	Ø:	28.0	2nd:	2.0	oil:	3.0			Length:	60.0	
			Flanged	No flange	Piston																																											
		Length:	160.0	160.0																																												
Outside Ø:	90.0	90.0	Length:	80.1																																												
Flange Ø:	94.0		Comp. height:	49.0																																												
Flange depth:	5.0			-6.7																																												
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Rings																																																
Top:	2.0	Ø:	28.0																																													
2nd:	2.0																																															
oil:	3.0																																															
		Length:	60.0																																													
Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																												
			A2010-4U165 A2010-4U166 A2010-4U167 A2010-4U183 A2010-4U184	12033-AW400 12033-4U400 12033-8H800 12033-8H810 12033-ES60A	12030-AD200																																											
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																										
	LBS 30000 PB LBS 30000 SB	LB 30000 P LB 30000 S	KBS 30000 B	KB 30000 B	KR 30000	PB 30000																																										



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																										
YD22DDT / ETi PRIMERA X-TRAIL (P12E T30) 2001-2003 2,184 cc 4 cyl 86.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> <td rowspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>160.0</td> <td>160.0</td> </tr> <tr> <td>Outside Ø:</td> <td>90.0</td> <td>90.0</td> <td>Length:</td> <td>79.9</td> </tr> <tr> <td>Flange Ø:</td> <td>94.0</td> <td></td> <td>Comp. height:</td> <td>49.0</td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> <td></td> <td>-8.6</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>-16.3</td> </tr> </table>		Flanged	No flange	Piston	Length:	160.0	160.0	Outside Ø:	90.0	90.0	Length:	79.9	Flange Ø:	94.0		Comp. height:	49.0	Flange depth:	5.0			-8.6					-16.3	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td colspan="2">Rings</td> <td></td> <td></td> </tr> <tr> <td>Top:</td> <td>2.0</td> <td rowspan="3">Ø:</td> <td rowspan="3">28.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> <tr> <td></td> <td></td> <td>Length:</td> <td>61.5</td> </tr> </table>	Rings				Top:	2.0	Ø:	28.0	2nd:	2.0	oil:	3.0			Length:	61.5	
			Flanged	No flange	Piston																																											
		Length:	160.0	160.0																																												
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oil:	3.0																																															
		Length:	61.5																																													
Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																												
			A2010-8H800 A2010-8H801 A2010-8H802 A2010-8H865 A2010-8H871 A2010-8H872	12033-AW400 12033-4U400 12033-8H800 12033-8H810 12033-ES60A	12030-AD200																																											
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																										
	LBS 30100 PB LBS 30100 SB	LB 30100 P LB 30100 S	KBS 30100 B	KB 30100 B	KR 30100	PB 30100																																										



ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
YD22 ETi X-TRAIL (T30) 2005- 2,184 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	160.0 90.0 94.0 5.0	160.0 90.0	Length: Comp. height:	73.9 48.9 -7.8 -15.2					
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
						A2010-ES60A A2010-ES61A A2010-ES62A A2010-ES68A A2010-ES69A		12033-AW400 12033-4U400 12033-8H800 12033-8H810 12033-ES60A		12030-AD200	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 30150 PB LBS 30150 SB	LB 30150 P LB 30150 S		KBS 30150 B		KB 30150 B		KR 30150		PB 30150	

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
LD23 SERENA (C23M) 1994- 2,283 cc 4 cyl 87.0 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	160.0 91.0 95.0 2.0	160.0 91.0	Length: Comp. height:	76.2 47.2 -2.2					
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
						12010-9C600 12010-9C625 12010-9C626 12010-9C627 12010-9C628 12010-9C629 A2010-9C626		12033-2J626 12033-9C625 12033-9C626 12035-9C626		12030-9C600	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 43000 PA LBS 43000 SA	LB 43000 P LB 43000 S		KBS 43000 A		KB 43000 A		KR 43000		PB 43000	

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
G9T 722 INTERSTAR 2.2 DCI (X70) 2002- 2,188 cc 4 cyl 87.0 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	162.0 91.05 92.5 4.0	162.0 91.05	Length: Comp. height:	84.2 54.53 -5.8 -17.5					
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
				12000-00QAJ 12000-00QAK				A2033-00QAB A2033-00QAE			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 30250 PA LBS 30250 SA	LB 30250 P LB 30250 S		KBS 30250 A		KB 30250 A		KR 30250		PB 30250	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																
SD23 SD25 CABSTAR KING CAB PICK UP (720 SERIES D21 E23 F22) 1982-1987 2,289 cc / 2,488 cc 4 cyl 89.0 mm Bore Ø		<table border="1"> <tr> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>172.0</td> </tr> <tr> <td>Outside Ø:</td> <td>92.0</td> </tr> <tr> <td>Flange Ø:</td> <td>98.0</td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> </tr> </table>	Liner/ Sleeve		Length:	172.0	Outside Ø:	92.0	Flange Ø:	98.0	Flange depth:	5.0	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>90.0</td> </tr> <tr> <td>Comp. height:</td> <td>48.1</td> </tr> <tr> <td></td> <td>-2.5</td> </tr> </table>	Piston		Length:	90.0	Comp. height:	48.1		-2.5	<table border="1"> <tr> <td>Reference no.:</td> <td>12010-09W01/11 12010-29W00 12010-L2002 12010-T6203 12010-T6213/6 12010-T6273 12010-T7200/2 12010-T7210/2</td> </tr> </table>	Reference no.:	12010-09W01/11 12010-29W00 12010-L2002 12010-T6203 12010-T6213/6 12010-T6273 12010-T7200/2 12010-T7210/2	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.5</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.0	oil:	4.5	<table border="1"> <tr> <td>Ø:</td> <td>26.0</td> </tr> <tr> <td>Length:</td> <td>74.0</td> </tr> </table>	Ø:	26.0	Length:	74.0
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Reference no.:	12010-09W01/11 12010-29W00 12010-L2002 12010-T6203 12010-T6213/6 12010-T6273 12010-T7200/2 12010-T7210/2																																					
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	LBS 90000 F LBS 90000 S LBS 90000 FA LBS 90000 SA	LB 90000 F LB 90000 S	KBS 90000 KBS 90000 A	KB 90000 KB 90000 A	KR 90000	PB 90000																																

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																
SD23 New SD25 New FORKLIFT KING CAB PICK UP (720 SERIES D21 H01 H02) 1983-1993 2,289 cc / 2,488 cc 4 cyl 89.0 mm Bore Ø		<table border="1"> <tr> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>172.0</td> </tr> <tr> <td>Outside Ø:</td> <td>92.0</td> </tr> <tr> <td>Flange Ø:</td> <td>98.0</td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> </tr> </table>	Liner/ Sleeve		Length:	172.0	Outside Ø:	92.0	Flange Ø:	98.0	Flange depth:	5.0	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>80.0</td> </tr> <tr> <td>Comp. height:</td> <td>48.0</td> </tr> <tr> <td></td> <td>-2.9</td> </tr> </table>	Piston		Length:	80.0	Comp. height:	48.0		-2.9	<table border="1"> <tr> <td>Reference no.:</td> <td>12010-06W10 12010-09W10 12010-L2012 12010-T6202/5/6 12010-T7204/5/6 12010-T7214/5 12010-T7274</td> </tr> </table>	Reference no.:	12010-06W10 12010-09W10 12010-L2012 12010-T6202/5/6 12010-T7204/5/6 12010-T7214/5 12010-T7274	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.5</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.0	oil:	4.5	<table border="1"> <tr> <td>Ø:</td> <td>26.0</td> </tr> <tr> <td>Length:</td> <td>74.0</td> </tr> </table>	Ø:	26.0	Length:	74.0
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																		
TD23 CABSTAR URVAN (E24 F22) 1987-1989 2,289 cc 4 cyl 89.0 mm Bore Ø		<table border="1"> <tr> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>160.0</td> </tr> <tr> <td>Outside Ø:</td> <td>92.0</td> </tr> <tr> <td>Flange Ø:</td> <td>98.0</td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> </tr> </table>	Liner/ Sleeve		Length:	160.0	Outside Ø:	92.0	Flange Ø:	98.0	Flange depth:	5.0	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>84.0</td> </tr> <tr> <td>Comp. height:</td> <td>48.2</td> </tr> <tr> <td></td> <td>-0.8</td> </tr> <tr> <td></td> <td>-1.6</td> </tr> </table>	Piston		Length:	84.0	Comp. height:	48.2		-0.8		-1.6	<table border="1"> <tr> <td>Reference no.:</td> <td>12010-02N06 12010-02N07 12010-02N16 12010-02N17</td> </tr> </table>	Reference no.:	12010-02N06 12010-02N07 12010-02N16 12010-02N17	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.0	oil:	4.0	<table border="1"> <tr> <td>Ø:</td> <td>26.0</td> </tr> <tr> <td>Length:</td> <td>74.0</td> </tr> </table>	Ø:	26.0	Length:	74.0
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
YD25DDTi HARDBODY KING CAB (D22 D2S) 2001-2007 2,488 cc 4 cyl 89.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery	Rings		Ø : 28.0 Length: 61.0
		Length: 167.0 Outside Ø: 92.5 Flange Ø: 94.0 Flange depth: 4.0	167.0 92.5	Length: 80.0 Comp. height: 48.8 -7.7 -18.1	Top: 2.0 2nd: 2.0 oil: 3.0					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
						A2010-VK510 A2010-VK511/2 A2010-VK515/6/7 A5010-VK576/7 A2010-VK581/2 A2010-VK50A A2010-VK51A A2010-VK52A A2010-VK58A A2010-VK59A			12030-AD200	
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 17000 PB LBS 17000 SB	LB 17000 P LB 17000 S		KBS 17000 B		KB 17000 B	KR 17000	PB 17000		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
YD25DDTi NAVARA PATHFINDER (D40M R51M) 2005- 2,488 cc 4 cyl 89.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : 28.0 Length: 71.0
		Length: 167.0 Outside Ø: 92.5 Flange Ø: 94.0 Flange depth: 4.0	167.0 92.5	Length: 73.8 Comp. height: 48.9 -8.8 -19.2	Top: 2.0 2nd: 2.0 oil: 3.0					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
						A2010-EB30A A2010-EB31A A2010-EB32A A2010-EB38A A2010-EB39A	12033-VK500 12033-VK510 12033-VK520 12033-EB300 12033-EB30A/B A2033-VK510/20		12030-AD200	
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 19500 PB LBS 19500 SB	LB 19500 P LB 19500 S		KBS 19500 B		KB 19500 B	KR 19500	PB 19500		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
G9U 720 INTERSTAR 2.5 DCI also for OPEL RENAULT 2,463 cc 4 cyl 89.0 mm Bore Ø	superseded by LBS 30600 PA LBS 30600 SA		Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings		Ø : 31.0 Length: 65.0
		Length: 167.0 Outside Ø: 92.5 Flange Ø: 94.0 Flange depth: 4.0	167.0 92.5	Length: 83.09 Comp. height: 53.03 -5.8 -17.85	Top: 3.0 2nd: 1.75 oil: 2.5					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
						K-99424600 superseded by KBS 30600 A	superseded by KB 30600 A		K-800053240000 K-800059040000	
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 30550 PA LBS 30550 SA	LB 30550 P LB 30550 S		KBS 30550 A		KB 30550 A	KR 30550	PB 30550		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
G9U 720/724 G9U 730/750/754 INTERSTAR PRIMASTAR 2.5 DCI (X70 X83) 2002- 2,463 cc 4 cyl 89.0 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings		Ø : 31.0 Length: 65.0	
		Length:	167.0	167.0	Length:	83.09		Top:	2.5		2nd: oil: 1.75 2.5
		Outside Ø:	92.5	92.5	Comp. height:	53.03					
		Flange Ø:	94.0								
		Flange depth:	4.0								
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
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		LBS 30600 PA LBS 30600 SA		LB 30600 P LB 30600 S		KBS 30600 A		KB 30600 A		KR 30600 PB 30600	

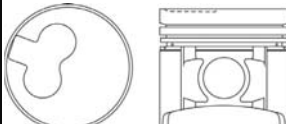

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
G9U 630/632/635 INTERSTAR PRIMASTAR 2.5 DCI (X70 X83) 2006- 2,463 cc 4 cyl 89.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : 31.0 Length: 68.0	
		Length:	167.0	167.0	Length:	83.09		Top:	3.0		2nd: oil: 1.75 2.5
		Outside Ø:	92.5	92.5	Comp. height:	53.07					
		Flange Ø:	94.0								
		Flange depth:	4.0								
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
				12000-00Q0H 12000-00Q0J				A2033-00Q0A			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
		LBS 30650 PB LBS 30650 SB		LB 30650 P LB 30650 S		KBS 30650 B		KB 30650 B		KR 30650 PB 30650	

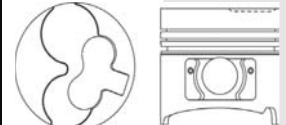

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
YD25DDTi CABSTAR NAVARA PATHFINDER (F24M F40M R51M) 2006- 2,488 cc 4 cyl 89.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : 28.0 Length: 71.0	
		Length:	167.0	167.0	Length:	73.8		Top:	2.0		2nd: oil: 2.0 3.0
		Outside Ø:	92.5	92.5	Comp. height:	48.9					
		Flange Ø:	94.0								
		Flange depth:	4.0								
		Reference no.:		Reference no.:		Reference no.:		12033-VK500 12033-VK510 12033-VK520 12033-EB300 12033-EB30A/B A2033-VK510/20		Reference no.:	
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
		LBS 30700 PB LBS 30700 SB		LB 30700 P LB 30700 S		KBS 30700 B		KB 30700 B		KR 30700 PB 30700	

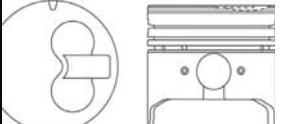

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																													
TD25 CABSTAR KING CAB URVAN (D21 E24 F22 F23) 1988-1994 2,494 cc 4 cyl 92.9 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>160.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>95.9</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>102.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	160.0		Outside Ø:	95.9		Flange Ø:	102.0		Flange depth:	5.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>87.1</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>50.3</td> <td></td> </tr> <tr> <td></td> <td>-1.5</td> <td></td> </tr> </table>		Piston		Length:	87.1		Comp. height:	50.3			-1.5			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.5</td> <td>Ø :</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> <td>Length:</td> </tr> <tr> <td>oil:</td> <td>4.0</td> <td></td> </tr> <tr> <td></td> <td></td> <td>28.0</td> </tr> <tr> <td></td> <td></td> <td>80.5</td> </tr> </table>		Rings		Top:	2.5	Ø :	2nd:	2.0	Length:	oil:	4.0				28.0			80.5	
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ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																
BD25 2,494 cc 4 cyl 92.9 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>160.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>95.9</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>102.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	160.0		Outside Ø:	95.9		Flange Ø:	102.0		Flange depth:	5.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>89.8</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>53.1</td> <td></td> </tr> <tr> <td></td> <td>-12.0</td> <td></td> </tr> <tr> <td></td> <td>-16.1</td> <td></td> </tr> </table>		Piston		Length:	89.8		Comp. height:	53.1			-12.0			-16.1		with oil gallery (= G)	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.5</td> <td>Ø :</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> <td>Length:</td> </tr> <tr> <td>oil:</td> <td>4.0</td> <td></td> </tr> <tr> <td></td> <td></td> <td>30.0</td> </tr> <tr> <td></td> <td></td> <td>80.0</td> </tr> </table>		Rings		Top:	2.5	Ø :	2nd:	2.0	Length:	oil:	4.0				30.0			80.0	
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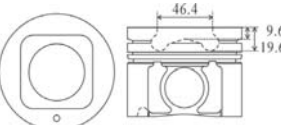

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BD30 FORKLIFT (J02) 1993-1996 2,953 cc 4 cyl 96.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>170.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>99.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>105.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	170.0		Outside Ø:	99.0		Flange Ø:	105.0		Flange depth:	5.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>89.6</td> </tr> <tr> <td>Comp. height:</td> <td>53.1 -15.2 -20.1</td> </tr> <tr> <td colspan="2">Reference no.:</td> </tr> </table>	Piston		Length:	89.6	Comp. height:	53.1 -15.2 -20.1	Reference no.:		Alfin and with oil gallery	<table border="1"> <tr> <td colspan="2">Rings</td> <td rowspan="2"> <table border="1"> <tr> <td>Ø:</td> <td>30.0</td> </tr> <tr> <td>Length:</td> <td>80.0</td> </tr> </table> </td> </tr> <tr> <td>Top: 2nd: oil:</td> <td>2.5 2.0 4.0</td> </tr> </table>	Rings		<table border="1"> <tr> <td>Ø:</td> <td>30.0</td> </tr> <tr> <td>Length:</td> <td>80.0</td> </tr> </table>	Ø:	30.0	Length:	80.0	Top: 2nd: oil:	2.5 2.0 4.0	<table border="1"> <tr> <td colspan="2">Reference no.:</td> </tr> <tr> <td>12033-43G10</td> <td>12030-31N00</td> </tr> <tr> <td>12033-43G11</td> <td>12030-G2400</td> </tr> <tr> <td>12033-54T10</td> <td></td> </tr> <tr> <td>12033-54T11</td> <td></td> </tr> </table>	Reference no.:		12033-43G10	12030-31N00	12033-43G11	12030-G2400	12033-54T10		12033-54T11	
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																										
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ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																						
TD27T 2,663 cc 4 cyl 96.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>160.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>99.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>105.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	160.0		Outside Ø:	99.0		Flange Ø:	105.0		Flange depth:	5.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>86.0</td> </tr> <tr> <td>Comp. height:</td> <td>50.1 -1.8</td> </tr> <tr> <td colspan="2">Reference no.:</td> </tr> </table>	Piston		Length:	86.0	Comp. height:	50.1 -1.8	Reference no.:			<table border="1"> <tr> <td colspan="2">Rings</td> <td rowspan="2"> <table border="1"> <tr> <td>Ø:</td> <td>30.0</td> </tr> <tr> <td>Length:</td> <td>74.0</td> </tr> </table> </td> </tr> <tr> <td>Top: 2nd: oil:</td> <td>2.5 2.0 3.0</td> </tr> </table>	Rings		<table border="1"> <tr> <td>Ø:</td> <td>30.0</td> </tr> <tr> <td>Length:</td> <td>74.0</td> </tr> </table>	Ø:	30.0	Length:	74.0	Top: 2nd: oil:	2.5 2.0 3.0	<table border="1"> <tr> <td colspan="2">Reference no.:</td> </tr> <tr> <td>12033-6T010</td> <td>12030-31N00</td> </tr> <tr> <td>12033-6T011</td> <td>12030-G2400</td> </tr> </table>	Reference no.:		12033-6T010	12030-31N00	12033-6T011	12030-G2400
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
TD27Ti New TERRANO 2 (R20) 1996-2004 2,664 cc 4 cyl 96.0 mm Bore Ø			Liner/ Sleeve	Piston Length: 74.0 Comp. height: 50.5 -1.5	Alfin and with oil gallery head anodized skirt MOS2 treated	Rings Top: 2.5 2nd: 2.0 oil: 3.0	Ø: 30.0 Length: 79.8	
		Length: 160.0 Outside Ø: 99.0 Flange Ø: 105.0 Flange depth: 5.0						
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-2S000 11012-43G00 11012-43G05 11012-43G10			12010-7F406 12010-7F411 12010-7F412 12010-7F413 A2010-7F406 A2010-7F407/8	12033-0W813 12033-0W814 12033-0W81A 12033-2W211 12033-7F400 12033-NA010	12030-31N00 12030-G2400	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 83000 FB LBS 83000 SB	LB 83000 F LB 83000 S		KBS 83000 B	KB 83000 B	KR 83000	PB 83000	
BD30T 2,953 cc 4 cyl 96.0 mm Bore Ø			Liner/ Sleeve	Piston Length: 89.6 Comp. height: 53.0 -9.0 -21.2	Alfin and with oil gallery	Rings Top: 2.5 2nd: 2.0 oil: 3.0	Ø: 30.0 Length: 80.0	
		Length: 170.0 Outside Ø: 99.0 Flange Ø: 105.0 Flange depth: 5.0						
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-54T00			12010-69T05 12010-69T06	12033-0W813 12033-0W814 12033-0W81A 12033-2W211 12033-7F400 12033-NA010	12030-31N00 12030-G2400	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 31250 FB LBS 31250 SB	LB 31250 F LB 31250 S		KBS 31250 B	KB 31250 B	KR 31250	PB 31250	
ZD30 ZD30DDTi PATROL(GR) TERRANO 2 (R20 Y61) 2000-2006 2,953 cc 4 cyl 96.0 mm Bore Ø			Flanged	No flange	Piston Length: 74.1 Comp. height: 50.1 -9.6 -19.6	Alfin and with oil gallery head anodized	Rings Top: 2.5 2nd: 2.0 oil: 3.0	Ø: 33.0 Length: 78.0
		Length: 165.0 Outside Ø: 100.0 Flange Ø: 104.0 Flange depth: 5.0	160.0 100.0					
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
					12010-VC101 12010-VC102 12010-VD112 12010-VK600 12010-VX201	12033-0W813 12033-0W814 12033-0W81A 12033-2W211 12033-7F400 12033-NA010	12030-1W400 12030-2W200	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 16000 PB LBS 16000 SB	LB 16000 P LB 16000 S		KBS 16000 B	KB 16000 B	KR 16000	PB 16000	

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
ZD30 ZD30DDTi PATROL(GR) TERRANO 2 (R20 Y61) 2000-2006 2,953 cc 4 cyl 96.0 mm Bore Ø			No flange	Piston		Alfin and with oil gallery head anodized	Rings		Ø : 33.0 Length: 78.0	
		Length: 165.0 Outside Ø: 100.0 Flange Ø: 104.0 Flange depth: 5.0	160.0 100.0	Length: 74.1 Comp. height: 50.1 -9.6 -19.6	Top: 2.5 2nd: 2.0 oil: 2.0					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
						12010-VC111 12010-VC112 12010-VK610 12010-VX211	12033-DB010 12033-VK610		12030-1W400 12030-2W200	
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 31350 PB LBS 31350 SB	LB 31350 P LB 31350 S		KBS 31350 B		KB 31350 B	KR 31350		PB 31350	

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
ZD30DDTi CABSTAR PATROL(GR) (F24M Y61) 2006- 2,953 cc 4 cyl 96.0 mm Bore Ø			No flange	Piston		Alfin and with oil gallery	Rings		Ø : 33.0 Length: 78.0	
		Length: 165.0 Outside Ø: 100.0 Flange Ø: 104.0 Flange depth: 5.0	160.0 100.0	Length: 78.1 Comp. height: 50.1 -8.7 -18.2	Top: 2.5 2nd: 2.0 oil: 2.0					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
						12010-DB000 12010-DB010	12033-DB010 12033-VK610		12030-1W400 12030-2W200	
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 48500 APB LBS 48500 ASB	LB 48500 P LB 48500 S		KBS 48500 AB		KB 48500 AB	KR 48500		PB 48500	



ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
TD27T New 2,664 cc 4 cyl 96.0 mm Bore Ø			Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings		Ø : 30.0 Length: 80.0	
		Length: 160.0 Outside Ø: 99.0 Flange Ø: 105.0 Flange depth: 5.0		Length: 87.0 Comp. height: 50.3 -2.0	Top: 2.5 2nd: 2.0 oil: 4.0					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
		11012-43G00 11012-43G05 11012-43G10 11012-2S000				12010-63G01 12010-63G11	12033-31N11 12033-37N10 12033-63G10		12030-31N00 12030-G2400	
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 31450 FB LBS 31450 SB	LB 31450 F LB 31450 S		KBS 31450 B		KB 31450 B	KR 31450		PB 31450	

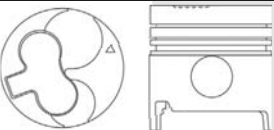

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
TD27Ti also for FORD TD27T 2,664 cc 4 cyl 96.0 mm Bore Ø		Liner/ Sleeve	Piston	Length: 87.2 Comp. height: 50.4 -1.4	Alfin and with oil gallery head anodized skirt MOS2 treated	Rings	Top: 2.5 2nd: 2.0 oil: 3.0 Ø: 30.0 Length: 80.0
		11012-43G00 11012-43G05 11012-43G10 11012-2S000		12033-0W813 12033-0W814 12033-0W81A 12033-2W211 12033-7F400 12033-NA010	12030-31N00 12030-G2400		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 83000 CFB LBS 83000 CSB	LB 83000 F LB 83000 S		KBS 83000 CB	KB 83000 CB	KR 83000	PB 83000
ZD30DD URVAN (E25) 2,953 cc 4 cyl 96.0 mm Bore Ø		Flanged	No flange	Piston	Alfin and with oil gallery	Rings	Top: 2.0 2nd: 1.2 oil: 2.0 Ø: 33.0 Length: 78.0
		12010-VW200 12010-VW210 12010-VW211B		12033-VW211	12030-1W400 12030-2W200		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 31550 PB LBS 31550 SB	LB 31550 P LB 31550 S		KBS 31550 B	KB 31550 B	KR 31550	PB 31550
BD30Ti CABSTAR 3.0 TDI 1998- 2,953 cc 4 cyl 96.0 mm Bore Ø		Liner/ Sleeve	Piston	Length: 89.5 Comp. height: 53.2 -8.6 -20.3	Alfin skirt MOS2 treated	Rings	Top: 2.5 2nd: 2.0 oil: 3.0 Ø: 30.0 Length: 80.0
		11012-54T00		12033-0W813 12033-0W814 12033-0W81A 12033-2W211 12033-7F400 12033-NA010	12030-31N00 12030-G2400		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 31600 FA LBS 31600 SA	LB 31600 F LB 31600 S		KBS 31600 A	KB 31600 A	KR 31600	PB 31600



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
ED30 4 Rings		Liner/ Sleeve	Piston	Rings	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
2,956 cc 4 cyl 98.0 mm Bore Ø										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 31650 F	LB 31650 F	KBS 31650	KB 31650	KR 31650	PB 31650				

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
ED30 3 Rings		Liner/ Sleeve	Piston	Rings	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
2,956 cc 4 cyl 98.0 mm Bore Ø										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 31700 F	LB 31700 F	KBS 31700	KB 31700	KR 31700	PB 31700				

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
QD32		Flanged	No flange	Piston	Rings	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
3,153 cc 4 cyl 99.2 mm Bore Ø											
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 31750 PA LBS 31750 SA	LB 31750 P LB 31750 S	KBS 31750 A	KB 31750 A	KR 31750	PB 31750					

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
QD32Ti 3,153 cc 4 cyl 99.2 mm Bore Ø			Flanged	No flange	Piston	Alfin and with oil gallery head anodized	Rings	Ø : 33.0 Length: 79.0
		Length: 160.0 Outside Ø: 103.2 Flange Ø: 107.0 Flange depth: 5.0	155.0 103.2	Length: 69.8 Comp. height: 45.3 -1.5 -2.6				
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-2S611			12010-2S615	12033-1W411	12030-1W400 12030-2W200	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 31800 PB LBS 31800 SB	LB 31800 P LB 31800 S		KBS 31800 B	KB 31800 B	KR 31800	PB 31800	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
ED33 3,298 cc 4 cyl 100.0 mm Bore Ø			Liner/ Sleeve	Piston		Rings	Ø : 34.0 Length: 84.0
		Length: 191.0 Outside Ø: 112.0 Flange Ø: 118.0 Flange depth: 8.0 +1.0					
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-T9000 11012-T9001			12010-J6500 12010-J6501 12010-T9000 12010-T9001 12010-T9010 12010-T9020	12033-J6500 12033-J6501 12033-J9000 12033-T9000 12033-T9304 12033-Z5004	12030-Z5000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 31850 F	LB 31850 F		KBS 31850	KB 31850	KR 31850	PB 31850

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
ED33 New 3,298 cc 4 cyl 100.0 mm Bore Ø			Liner/ Sleeve	Piston		Rings	Ø : 34.0 Length: 85.0
		Length: 191.0 Outside Ø: 113.0 Flange Ø: 119.0 Flange depth: 8.0 +1.0					
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-02T01 11012-02T10 11012-T9017		O-Ring: 11018-01T00 11018-01T01		12033-T9303 12033-W4200 12033-T9306	12030-Z5000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 31900 FA	LB 31900 F		KBS 31900 A	KB 31900 A	KR 31900	PB 31900

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
FD33 3,298 cc 4 cyl 100.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	
		Length: 191.0 Outside Ø: 113.0 Flange Ø: 119.0 Flange depth: 8.0 +1.0	Length: 103.2 Comp. height: 59.2 -8.0 -20.9	Top: 3.0 2nd: 2.0 oil: 4.5	Ø: 34.0 Length: 85.0	
		Reference no.:	Reference no.:	Reference no.:	12033-J6500 12033-J6501 12033-J9000 12033-T9000 12033-T9304 12033-Z5004	Reference no.:
		11012-02T01 11012-02T10 11012-T9017	O-Ring: 11018-01T00 11018-01T01	12010-T9313 12011-T9313		12030-Z5000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 31950 FA	LB 31950 F	KBS 31950 A	KB 31950 A	KR 31950	PB 31950

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
FD33T 3,298 cc 4 cyl 100.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	
		Length: 191.0 Outside Ø: 113.0 Flange Ø: 119.0 Flange depth: 8.0 +1.0	Length: 103.2 Comp. height: 59.2 -8.0 -20.9	Top: 3.0 2nd: 2.0 oil: 4.5	Ø: 34.0 Length: 85.0	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-02T01 11012-02T10 11012-T9017	O-Ring: 11018-01T00 11018-01T01	12010-T9300	12033-T9302 12033-T9307 12033-T9308	12030-Z5000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 21650 FA	LB 21650 F	KBS 21650 A	KB 21650 A	KR 21650	PB 21650

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
ED35 3,465 cc 4 cyl 102.5 mm Bore Ø		Liner/ Sleeve	Piston		Rings	
		Length: 191.0 Outside Ø: 113.0 Flange Ø: 119.0 Flange depth: 8.0 +1.0	Length: 98.0 Comp. height: 59.0 -4.2	Top: 3.0 2nd: 2.0 oil: 4.0	Ø: 34.0 Length: 85.0	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-01T01	O-Ring: 11018-01T00 11018-01T01	12010-56T12	12033-56T10	12030-Z5000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 32050 FA	LB 32050 F	KBS 32050 A	KB 32050 A	KR 32050	PB 32050

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
FD35T			Liner/ Sleeve	Piston			Rings		Ø: Length:	34.0 85.0
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 113.0 119.0 8.0 +1.0	Length: Comp. height:	98.2 59.2 -11.0 -16.2		Top: 2nd: oil:	3.0 2.0 4.0		
3,465 cc 4 cyl 102.5 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		11012-01T01		O-Ring: 11018-01T00 11018-01T01	12010-01T03	12033-01T60	12030-Z5000			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 32100 FA	LB 32100 F		KBS 32100 A	KB 32100 A	KR 32100	PB 32100			


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
FD35			Liner/ Sleeve	Piston			Rings		Ø: Length:	34.0 85.0
		Length: Outside Ø: Flange Ø: Flange depth:	191.0 113.0 119.0 8.0 +1.0	Length: Comp. height:	98.2 59.2 -11.1 -16.8		Top: 2nd: oil:	2.0 2.0 4.0		
3,465 cc 4 cyl 102.5 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		11012-01T01		O-Ring: 11018-01T00 11018-01T01	12010-01T04	12033-01T10	12030-Z5000			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 32150 FA	LB 32150 F		KBS 32150 A	KB 32150 A	KR 32150	PB 32150			


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
FD46			Liner/ Sleeve	Piston			Rings		Ø: Length:	36.0 93.0
		Length: Outside Ø: Flange Ø: Flange depth:	213.5 111.0 115.9 8.0 +1.0	Length: Comp. height:	87.1 59.2 -10.4 -22.2		Top: 2nd: oil:	3.0 2.0 4.0		
4,617 cc 4 cyl 108.0 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		11012-0T300			12010-0T302 12010-0T312	12033-0T000 12033-0T010 12033-0T011 12033-0T060	12030-0T000 12030-0T001			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 32200 FA LBS 32200 SA	LB 32200 F LB 32200 S		KBS 32200 A	KB 32200 A	KR 32200	PB 32200			


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																	
FD42 4,214 cc 4 cyl 108.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>197.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>111.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>115.9</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0 +0.9</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	197.0		Outside Ø:	111.0		Flange Ø:	115.9		Flange depth:	8.0 +0.9		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>87.1</td> </tr> <tr> <td>Comp. height:</td> <td>59.2 -8.0 -21.6</td> </tr> </table>	Piston		Length:	87.1	Comp. height:	59.2 -8.0 -21.6	Alfin and with oil gallery	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>3.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>	Rings		Top:	3.0	2nd:	2.0	oil:	4.0	<table border="1"> <tr> <td>Ø:</td> <td>36.0</td> </tr> <tr> <td>Length:</td> <td>93.0</td> </tr> </table>	Ø:	36.0	Length:	93.0
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Length:	93.0																																						
	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																		
	11012-0T000 11012-0T001		12010-0T016	12033-0T000 12033-0T010 12033-0T011 12033-0T060	12030-0T000 12030-0T001																																		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																	
	LBS 32250 FB LBS 32250 SB	LB 32250 F LB 32250 S	KBS 32250 B	KB 32250 B	KR 32250	PB 32250																																	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																	
FD46 FD46T 4,617 cc 4 cyl 108.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>213.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>111.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>115.9</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	213.5		Outside Ø:	111.0		Flange Ø:	115.9		Flange depth:	8.0 +1.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>87.1</td> </tr> <tr> <td>Comp. height:</td> <td>59.2 -10.4 -22.2</td> </tr> </table>	Piston		Length:	87.1	Comp. height:	59.2 -10.4 -22.2	Alfin and with oil gallery	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>3.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>	Rings		Top:	3.0	2nd:	2.0	oil:	4.0	<table border="1"> <tr> <td>Ø:</td> <td>36.0</td> </tr> <tr> <td>Length:</td> <td>93.0</td> </tr> </table>	Ø:	36.0	Length:	93.0
				Liner/ Sleeve																																			
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Length:	93.0																																						
	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																		
	11012-0T300		12010-0T311	12033-0T000 12033-0T010 12033-0T011 12033-0T060	12030-0T000 12030-0T001																																		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																	
	LBS 32300 FB LBS 32300 SB	LB 32300 F LB 32300 S	KBS 32300 B	KB 32300 B	KR 32300	PB 32300																																	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
SD33(T) 5 Rings FORKLIFT RATROL (R) (160 SERIES F05) 1983-1988 3,246 cc 6 cyl 83.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>176.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>87.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>93.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	176.0		Outside Ø:	87.0		Flange Ø:	93.0		Flange depth:	5.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>96.0</td> </tr> <tr> <td>Comp. height:</td> <td>48.0 -0.7 -2.1</td> </tr> </table>	Piston		Length:	96.0	Comp. height:	48.0 -0.7 -2.1		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>3rd:</td> <td>2.0</td> </tr> <tr> <td>1st oil:</td> <td>4.5</td> </tr> <tr> <td>2nd oil:</td> <td>4.5</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.0	3rd:	2.0	1st oil:	4.5	2nd oil:	4.5	<table border="1"> <tr> <td>Ø:</td> <td>26.0</td> </tr> <tr> <td>Length:</td> <td>71.0</td> </tr> </table>	Ø:	26.0	Length:	71.0
				Liner/ Sleeve																																							
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3rd:	2.0																																										
1st oil:	4.5																																										
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Length:	71.0																																										
	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																						
	11012-76200 11012-76201 11012-C8701		12010-J5310 12010-J5311 12010-J5312 12010-Y1411 12010-Y5210 12010-Y5211	12033-61500 12033-61502 12033-61503 12033-C6810 12033-C6812 12033-J2200 12033-J2201 12033-J2202 12033-J2204	12030-37500																																						
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
	LBS 32350 F LBS 32350 S	LB 32350 F LB 32350 S	KBS 32350	KB 32350	KR 32350	PB 32350																																					

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
SD33(T) 3 Rings RATROL (R) (160 SERIES) 1979-1983 3,246 cc 6 cyl 83.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : 26.0 Length: 68.0	
		Length: Outside Ø: Flange Ø: Flange depth:	176.0 87.0 93.0 5.0	Length: Comp. height:	80.2 48.2 -0.7 -2.1		Top: 2nd: oil:	2.5 2.0 4.0		
		Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:			
		11012-76200 11012-76201 11012-C8701			12010-C8602 12010-C8612 12010-C8701 12010-C8711	12033-C8702 12033-C8704		12030-37500		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 32400 FA LBS 32400 SA	LB 32400 F LB 32400 S		KBS 32400 A	KB 32400 A	KB 32400 A	KR 32400	PB 32400		

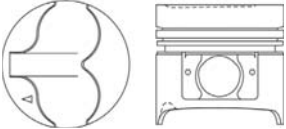

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
SD33T 5 Rings 3,246 cc 6 cyl 83.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : 26.0 Length: 71.0	
		Length: Outside Ø: Flange Ø: Flange depth:	176.0 87.0 93.0 5.0	Length: Comp. height:	96.0 48.0 -2.0		Top: 2nd: 3rd: 1st oil: 2nd oil:	2.5 2.0 2.0 4.5 4.5		
		Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:			
		11012-76200 11012-76201 11012-C8701				12033-90000		12030-37500		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 32450 FA LBS 32450 SA	LB 32450 F LB 32450 S		KBS 32450 A	KB 32450 A	KB 32450 A	KR 32450	PB 32450		



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
V9X NAVARA(D40M) • PATHFINDER(R51M) 2,993 cc 6 cyl 84.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:			Length: Comp. height:		Top: 2nd: oil:		Ø : Length:	
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:				
					O-Ring:					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
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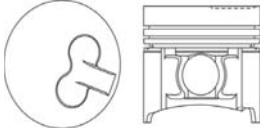

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
LD28 LAUREL (C32) 1985-1987 2,792 cc 6 cyl 84.5 mm Bore Ø			Flanged	No flange	Piston		Rings Top: 2.0 2nd: 2.0 oil: 4.0 Reference no.:	Ø : 25.0 Length: 67.0		
		Length:	150.0	150.0	Length:	86.4		Reference no.: 12010-V0702 12010-V0762 12010-V5702 12010-V5756 12010-V5762 12010-V5764 12010-V5766 12010-W2502	Reference no.: 12033-60L00 12033-V0700 12036-60L00 12036-V0700 12038-60L00 12038-V0700	
		Outside Ø:	88.5	88.5	Comp. height:	46.5			Reference no.: 12030-V0700 12030-V0701	
Flange Ø:	90.0			-2.0						
		Reference no.: 11012-V0700			Reference no.:					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 32550 P LBS 32550 S	LB 32550 P LB 32550 S			KBS 32550		KB 32550	KR 32550		PB 32550

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
RD28 2,825 cc 6 cyl 85.0 mm Bore Ø			Flanged	No flange	Piston		Rings Top: 2.0 2nd: 2.0 oil: 4.0 Reference no.: 12033-20V01 12033-22J00/11/21 12033-35E00 12033-40L01/11 12036-20V02 12036-22J00/11/21 12036-35E00 12036-40L01/11 12038-20V04 12038-22J00/11/21 12038-35E00 12038-40L01/11	Ø : 25.0 Length: 66.5		
		Length:	150.0	150.0	Length:	78.0		Reference no.: 12010-V7213 A2010-V7213	Reference no.: 12030-V7200	
		Outside Ø:	89.0	89.0	Comp. height:	46.5				
Flange Ø:	93.0			-1.2						
		Reference no.: 11012-V2070			Reference no.:					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 32600 P LBS 32600 S	LB 32600 P LB 32600 S			KBS 32600		KB 32600	KR 32600		PB 32600

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
RD28T RATROL (GR) (Y60) 1988-1995 2,825 cc 6 cyl 85.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery Rings Top: 2.0 2nd: 2.0 oil: 4.0 Reference no.: 12033-20V01 12033-22J00/11/21 12033-35E00 12033-40L01/11 12036-20V02 12036-22J00/11/21 12036-35E00 12036-40L01/11 12038-20V04 12038-22J00/11/21 12038-35E00 12038-40L01/11	Ø : 27.0 Length: 66.8		
		Length:	150.0	150.0	Length:	78.3		Reference no.: 12010-22J11 12010-22J12/3 12010-22J14/5 12010-22J62 12010-22J64/6	Reference no.: 12030-22J01	
		Outside Ø:	89.0	89.0	Comp. height:	46.8				
Flange Ø:	93.0			-1.3						
		Reference no.: 11012-V2070			Reference no.:					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 32650 PB LBS 32650 SB	LB 32650 P LB 32650 S			KBS 32650 B		KB 32650 B	KR 32650		PB 32650

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин						
RD28Ti New RATROL (GR) (Y61) 1997-2000 2,825 cc 6 cyl 85.0 mm Bore Ø			No flange	Piston		Rings							
		Length: Outside Ø: Flange Ø: Flange depth:	150.0 89.0 93.0 2.0	150.0 89.0	Length: Comp. height:	78.3 46.8 -0.7 -1.8	Alfin and with oil gallery head anodized	Top: 2nd: oil:	2.0 2.0 4.0	Ø: Length:	27.0 61.5		
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:			
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:			
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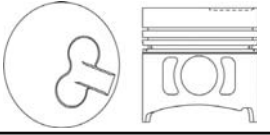

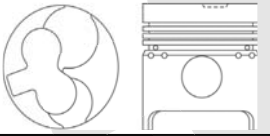

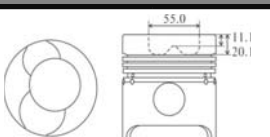

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин						
TD42 FORKLIFT (F03 F05) 1989-1996 4,169 cc 6 cyl 96.0 mm Bore Ø			Liner/ Sleeve	Piston		Rings							
		Length: Outside Ø: Flange Ø: Flange depth:	164.0 99.0 105.0 5.0		Length: Comp. height:	87.0 50.2 -0.8 -1.7	Top: 2nd: oil:	2.5 2.0 4.0	Ø: Length:	28.0 80.0			
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:			
		11012-06J00				12010-10T02 12010-10T12 12010-43G02 12010-43G12		12033-06J01 12033-06J10 12033-06J11		12030-43G00			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:			
		LBS 32750 F LBS 32750 S LBS 32750 FA LBS 32750 SA		LB 32750 F LB 32750 S		KBS 32750 KBS 32750 A		KB 32750 KB 32750 A		KR 32750		PB 32750	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин						
TD42 New 4,169 cc 6 cyl 96.0 mm Bore Ø			Liner/ Sleeve	Piston		Rings							
		Length: Outside Ø: Flange Ø: Flange depth:	164.0 99.0 105.0 5.0		Length: Comp. height:	86.0 50.3 -0.5 -1.7	Top: 2nd: oil:	2.5 2.0 3.0	Ø: Length:	30.0 74.0			
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:			
		11012-06J00				12010-6T000 12010-6T010		12033-06J15		12030-31N00			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:			
		LBS 32800 FA LBS 32800 SA		LB 32800 F LB 32800 S		KBS 32800 A		KB 32800 A		KR 32800		PB 32800	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
TD42T 4,169 cc 6 cyl 96.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin and with oil gallery	Rings	Ø : 30.0 Length: 80.0
		Length: Outside Ø: Flange Ø: Flange depth:	164.0 99.0 105.0 5.0	Length: Comp. height:			
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-06J00		12010-05D00 12010-05D10 12010-31N03	12033-05D01	12030-31N00	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 32850 FB LBS 32850 SB	LB 32850 F LB 32850 S	KBS 32850 B	KB 32850 B	KR 32850	PB 32850	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
TD42T 4,169 cc 6 cyl 96.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 30.0 Length: 74.0
		Length: Outside Ø: Flange Ø: Flange depth:	164.0 99.0 105.0 5.0	Length: Comp. height:		
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-06J00		12010-10T05	12033-06J15	12030-31N00
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 32900 FA LBS 32900 SA	LB 32900 F LB 32900 S	KBS 32900 A	KB 32900 A	KR 32900	PB 32900

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
TD42T II TD42T New 4,169 cc 6 cyl 96.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin and with oil gallery head anodized skirt MOS2 treated	Ø : 30.0 Length: 79.8
		Length: Outside Ø: Flange Ø: Flange depth:	164.0 99.0 105.0 5.0	Length: Comp. height:		
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 32950 FB LBS 32950 SB	LB 32950 F LB 32950 S	KBS 32950 B	KB 32950 B	KR 32950	PB 32950

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																				
TD42T TD42Ti		<table border="1"> <tr> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>164.0</td> </tr> <tr> <td>Outside Ø:</td> <td>99.0</td> </tr> <tr> <td>Flange Ø:</td> <td>105.0</td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> </tr> </table>	Liner/ Sleeve		Length:	164.0	Outside Ø:	99.0	Flange Ø:	105.0	Flange depth:	5.0	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>87.0</td> </tr> <tr> <td>Comp. height:</td> <td>50.2</td> </tr> <tr> <td></td> <td>-0.8</td> </tr> <tr> <td></td> <td>-1.7</td> </tr> </table>	Piston		Length:	87.0	Comp. height:	50.2		-0.8		-1.7	Alfin and with oil gallery	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.0	oil:	3.0	<table border="1"> <tr> <td>Ø:</td> <td>30.0</td> </tr> <tr> <td>Length:</td> <td>80.0</td> </tr> </table>	Ø:	30.0	Length:	80.0				
			Liner/ Sleeve																																							
Length:	164.0																																									
Outside Ø:	99.0																																									
Flange Ø:	105.0																																									
Flange depth:	5.0																																									
Piston																																										
Length:	87.0																																									
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	-0.8																																									
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Rings																																										
Top:	2.5																																									
2nd:	2.0																																									
oil:	3.0																																									
Ø:	30.0																																									
Length:	80.0																																									
4,169 cc 6 cyl 96.0 mm Bore Ø					Reference no.:																																					
		Reference no.:	Reference no.:	Reference no.:	12033-0W813 12033-0W814 12033-DY712 12033-WJ115 12033-WJ116 12033-WJ11A	Reference no.:																																				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																				
	LBS 33000 FB LBS 33000 SB	LB 33000 F LB 33000 S	KBS 33000 B	KB 33000 B	KR 33000	PB 33000																																				
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ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																						
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	LBS 33150 FA	LB 33150 F (water jacket chromed)	KBS 33150 A	KB 33150 A	KR 33150	PB 33150																																						

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																						
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	LBS 33200 FA	LB 33200 F (water jacket chromed)	KBS 33200 A	KB 33200 A	KR 33200	PB 33200																																						

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
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	LBS 33250 FA	LB 33250 F (water jacket chromed)	KBS 33250 A	KB 33250 A	KR 33250	PB 33250																																								

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
FD6 3 Rings		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	212.0 112.0 118.0 8.05 +1.0	Length: Comp. height:	109.5 65.5 -10.2 -18.5	Top: 2nd: oil:	3.0 2.0 4.5
5,654 cc 6 cyl 100.0 mm Bore Ø		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-Z5001 11012-Z5020 11012-Z5508 11012-Z5509 11012-Z5512/6 11012-Z5573	O-Ring: 11026-Z5001		12040-Z5005 12040-Z5028	12030-Z5000	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 33300 FA	LB 33300 F (water jacket chromed)	KBS 33300 A	KB 33300 A	KR 33300	PB 33300	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
FD6 3 Rings		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	212.0 112.0 118.0 8.05 +1.0	Length: Comp. height:	109.5 65.5 -11.0 -21.7	Top: 2nd: oil:	3.0 2.0 4.5
5,654 cc 6 cyl 100.0 mm Bore Ø		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-Z5001 11012-Z5020 11012-Z5508 11012-Z5509 11012-Z5512/6 11012-Z5573	O-Ring: 11026-Z5001		12040-Z5005 12040-Z5028	12030-Z5000	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 33350 FA	LB 33350 F (water jacket chromed)	KBS 33350 A	KB 33350 A	KR 33350	PB 33350	

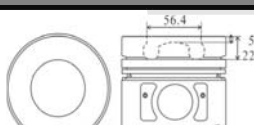

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
FE6		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	217.0 111.0 116.0 8.0 +0.9	Length: Comp. height:	103.4 65.4 -11.8 -19.4	Top: 2nd: oil:	3.0 2.0 4.0
6,925 cc 6 cyl 108.0 mm Bore Ø		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-Z5518		12011-Z5615 12011-Z5801	12040-Z5211 12040-Z5504 12040-Z5511	12030-95000	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 33400 FA	LB 33400 F (phosphated)	KBS 33400 A	KB 33400 A	KR 33400	PB 33400	

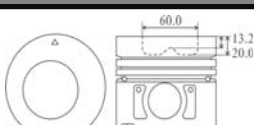

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
FE6T 6,925 cc 6 cyl 108.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin head anodized	Rings	Ø : 36.0 Length: 92.0
		Length: Outside Ø: Flange Ø: Flange depth:	217.0 111.0 116.0 8.0 +0.9	Length: Comp. height:			
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-Z5518		12010-96507 12011-96507 12011-Z5768	12040-Z5505 12040-Z5512 12040-Z5517	12030-95000	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 33450 FA	LB 33450 F (phosphated)	KBS 33450 A	KB 33450 A	KR 33450	PB 33450	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
FE6TA 6,925 cc 6 cyl 108.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 36.0 Length: 93.0
		Length: Outside Ø: Flange Ø: Flange depth:	217.0 111.0 116.0 8.0 +0.9	Length: Comp. height:		
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-Z5518		12010-Z5507	12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 12040-Z5919	12030-95000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 36050 FA	LB 36050 F (phosphated)	KBS 36050 A	KB 36050 A	KR 36050	PB 36050

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
FE6T 6,925 cc 6 cyl 108.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin head anodized	Rings	Ø : 36.0 Length: 90.0
		Length: Outside Ø: Flange Ø: Flange depth:	217.0 111.0 116.0 8.0 +0.9	Length: Comp. height:			
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-Z5518			12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 12040-Z5919	12030-95000	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 33550 FA	LB 33550 F (phosphated)	KBS 33550 A	KB 33550 A	KR 33550	PB 33550	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
FE6T New 6,925 cc 6 cyl 108.0 mm Bore Ø		Liner/ Sleeve	Piston	Alfin head anodized pin bushing inserted	Rings	Ø : 36.0 Length: 90.0
		Length: 217.0 Outside Ø: 111.0 Flange Ø: 116.0 Flange depth: 8.0 +0.9	Length: 103.5 Comp. height: 65.5 -21.0			
		Reference no.: 11012-Z5518	Reference no.:	Reference no.: 12010-Z5968 12011-Z5968	Reference no.: 12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 12040-Z5919	Reference no.: 12030-95000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 33600 FA	LB 33600 F (phosphated)	KBS 33600 A	KB 33600 A	KR 33600	PB 33600

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
FE6B 24V LD60A/70A/80A/85A 6,925 cc 6 cyl 108.0 mm Bore Ø		Liner/ Sleeve	Piston	Alfin head anodized	Rings	Ø : 36.0 Length: 92.0
		Length: 217.0 Outside Ø: 111.0 Flange Ø: 116.0 Flange depth: 8.0 +0.9	Length: 103.5 Comp. height: 65.5 -5.9 -22.9			
		Reference no.: 11012-Z5518	Reference no.:	Reference no.: 12013-Z5572	Reference no.: 12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 12040-Z5919	Reference no.: 12030-95000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 33650 FA	LB 33650 F (phosphated)	KBS 33650 A	KB 33650 A	KR 33650	PB 33650

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
FE6T 6,925 cc 6 cyl 108.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 36.0 Length: 93.0
		Length: 217.0 Outside Ø: 111.0 Flange Ø: 116.0 Flange depth: 8.0 +0.9	Length: 104.0 Comp. height: 65.5 -13.2 -20.0			
		Reference no.: 11012-Z5518	Reference no.:	Reference no.:	Reference no.: 12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 12040-Z5919	Reference no.: 12030-95000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 33700 FA	LB 33700 F (phosphated)	KBS 33700 A	KB 33700 A	KR 33700	PB 33700

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
FE6T 6,925 cc 6 cyl 108.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin head anodized	Rings	Ø : 36.0 Length: 93.0
		Length: Outside Ø: Flange Ø: Flange depth:	217.0 111.0 116.0 8.0 +0.9	Length: Comp. height:			
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-Z5518		12011-Z5776	12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564 12040-Z5919	12030-95000	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 33750 FA	LB 33750 F (phosphated)	KBS 33750 A	KB 33750 A	KR 33750	PB 33750	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
ND6 6,842 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 36.0 Length: 94.7
		Length: Outside Ø: Flange Ø: Flange depth:	229.0 115.0 118.9 3.0 +1.0	Length: Comp. height:		
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-95001 11012-95002		12011-95000	12040-90127 12040-95006 12040-95025	12030-95000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 33800 F	LB 33800 F	KBS 33800	KB 33800	KR 33800	PB 33800

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
NE6 7,412 cc 6 cyl 110.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings	Ø : 36.0 Length: 95.0
		Length: Outside Ø: Flange Ø: Flange depth:	229.0 115.0 118.9 3.0 +1.0	Length: Comp. height:		
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11012-95001 11012-95002		12011-95073 12011-95105	12040-95012 12040-95013 12040-95014 12040-95016 12040-95029 12040-95125	12030-95000
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 33850 FA	LB 33850 F	KBS 33850 A	KB 33850 A	KR 33850	PB 33850

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
NE6T		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>229.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>115.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>120.9</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.0</td> <td>+1.0</td> </tr> </table>		Liner/ Sleeve		Length:	229.0		Outside Ø:	115.0		Flange Ø:	120.9		Flange depth:	3.0	+1.0	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>110.2</td> </tr> <tr> <td>Comp. height:</td> <td>68.3</td> </tr> <tr> <td></td> <td>-13.0</td> </tr> <tr> <td></td> <td>-21.0</td> </tr> </table>	Piston		Length:	110.2	Comp. height:	68.3		-13.0		-21.0		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>3.0</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>	Rings		Top:	3.0	2nd:	2.5	oil:	4.0	<table border="1"> <tr> <td>Ø:</td> <td>36.0</td> </tr> <tr> <td>Length:</td> <td>95.0</td> </tr> </table>	Ø:	36.0	Length:	95.0
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
	LBS 33900 FA	LB 33900 F (phosphated)	KBS 33900 A	KB 33900 A	KR 33900	PB 33900																																					

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																	
NF6T		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>226.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>123.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>129.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	226.0		Outside Ø:	123.0		Flange Ø:	129.0		Flange depth:	8.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>116.3</td> </tr> <tr> <td>Comp. height:</td> <td>71.3</td> </tr> </table>	Piston		Length:	116.3	Comp. height:	71.3		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>3.0</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> </table>	Rings		Top:	3.0	2nd:	2.5	oil:	4.0	<table border="1"> <tr> <td>Ø:</td> <td>44.0</td> </tr> <tr> <td>Length:</td> <td>101.0</td> </tr> </table>	Ø:	44.0	Length:	101.0
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9,160 cc 6 cyl 120.0 mm Bore Ø																																							
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																	
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
PD6		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>259.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>130.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>134.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.0</td> <td>+1.0</td> </tr> </table>		Liner/ Sleeve		Length:	259.0		Outside Ø:	130.0		Flange Ø:	134.0		Flange depth:	3.0	+1.0	<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>132.0</td> </tr> <tr> <td>Comp. height:</td> <td>82.0</td> </tr> <tr> <td></td> <td>-13.4</td> </tr> <tr> <td></td> <td>-30.0</td> </tr> </table>	Piston		Length:	132.0	Comp. height:	82.0		-13.4		-30.0		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>5.0</td> </tr> <tr> <td>2nd:</td> <td>3.5</td> </tr> <tr> <td>oil:</td> <td>5.0</td> </tr> </table>	Rings		Top:	5.0	2nd:	3.5	oil:	5.0	<table border="1"> <tr> <td>Ø:</td> <td>46.0</td> </tr> <tr> <td>Length:</td> <td>108.0</td> </tr> </table>	Ø:	46.0	Length:	108.0
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10,308 cc 6 cyl 125.0 mm Bore Ø																																											
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																					
	LBS 36450 FA superseded by LBS 34050 FA	LB 36450 F	KBS 36450 A superseded by LB 34050 A	KB 36450 A	KR 36450	PB 36450																																					

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																		
PD6T		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>259.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>130.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>134.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.0 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	259.0		Outside Ø:	130.0		Flange Ø:	134.0		Flange depth:	3.0 +1.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>132.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>82.0 -12.5 -28.2</td> <td></td> </tr> </table>		Piston		Length:	132.0		Comp. height:	82.0 -12.5 -28.2			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>4.0</td> <td rowspan="3">Ø : 46.0 Length: 107.5</td> </tr> <tr> <td>2nd:</td> <td>3.5</td> </tr> <tr> <td>oil:</td> <td>5.0</td> </tr> </table>		Rings		Top:	4.0	Ø : 46.0 Length: 107.5	2nd:	3.5	oil:	5.0	
				Liner/ Sleeve																																				
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																		
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PE6		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>259.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>138.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>142.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.0 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	259.0		Outside Ø:	138.0		Flange Ø:	142.0		Flange depth:	3.0 +1.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>132.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>82.0 -15.4 -32.4</td> <td></td> </tr> </table>		Piston		Length:	132.0		Comp. height:	82.0 -15.4 -32.4			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>4.0</td> <td rowspan="3">Ø : 46.0 Length: 116.0</td> </tr> <tr> <td>2nd:</td> <td>3.5</td> </tr> <tr> <td>oil:</td> <td>6.0</td> </tr> </table>		Rings		Top:	4.0	Ø : 46.0 Length: 116.0	2nd:	3.5	oil:	6.0	
				Liner/ Sleeve																																				
Length:	259.0																																							
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oil:	6.0																																							
11,670 cc 6 cyl 133.0 mm Bore Ø																																								
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																		
							11012-96500 11012-96501 11012-96566	12011-96508 12011-96516	12040-96028 12040-96128 12040-96500 12040-96503	12030-96000 12030-96001																														
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																		
	LBS 34100 FA	LB 34100 F	KBS 34100 A	KB 34100 A	KR 34100	PB 34100																																		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																		
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oil:	6.0																																							
6 cc 11,670 cyl 133.0 mm Bore Ø																																								
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																		
							11012-96500 11012-96501 11012-96566	12011-96509 12011-96776	12040-96504 12040-96509 12040-96513 12040-96518	12030-96000 12030-96001																														
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																		
	LBS 34150 FA	LB 34150 F	KBS 34150 A	KB 34150 A	KR 34150	PB 34150																																		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																				
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11,670 cc 6 cyl 133.0 mm Bore Ø	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																				
	LBS 34200 FA	LB 34200 F	KBS 34200 A	KB 34200 A	KR 34200	PB 34200																																				

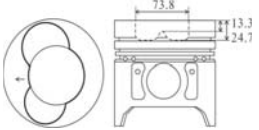

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																				
PF6TB		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>259.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>138.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>144.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.0 +1.2</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	259.0		Outside Ø:	138.0		Flange Ø:	144.0		Flange depth:	3.0 +1.2		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>136.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>86.1 -12.5 -29.4</td> <td></td> </tr> </table>		Piston		Length:	136.0		Comp. height:	86.1 -12.5 -29.4		Alfin head anodized	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.5</td> <td>Ø:</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5 4.0</td> <td>Length:</td> </tr> <tr> <td></td> <td></td> <td>50.0 113.0</td> </tr> </table>		Rings		Top:	2.5	Ø:	2nd: oil:	2.5 4.0	Length:			50.0 113.0	
				Liner/ Sleeve																																						
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		50.0 113.0																																								
12,503 cc 6 cyl 133.0 mm Bore Ø	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																				
	LBS 34250 FA	LB 34250 F (phosphated)	KBS 34250 A	KB 34250 A	KR 34250	PB 34250																																				

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																				
GE13T		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td></td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td></td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td></td> <td></td> </tr> <tr> <td>Flange depth:</td> <td></td> <td></td> </tr> </table>		Liner/ Sleeve		Length:			Outside Ø:			Flange Ø:			Flange depth:			<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td></td> <td></td> </tr> <tr> <td>Comp. height:</td> <td></td> <td></td> </tr> </table>		Piston		Length:			Comp. height:			Alfin and with oil gallery	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.5</td> <td>Ø:</td> </tr> <tr> <td>2nd: oil:</td> <td>2.0 3.0</td> <td>Length:</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		Rings		Top:	2.5	Ø:	2nd: oil:	2.0 3.0	Length:				
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	Rings																																									
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2nd: oil:	2.0 3.0	Length:																																								
13,074 cc 6 cyl 136.0 mm Bore Ø	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																				
	LBS 34300 FB	LB 34300 F (phosphated)	KBS 34300 B	KB 34300 B	KR 34300	PB 34300																																				



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
RD8 RD10 14,313 cc / 17,892 cc 8/10 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	243.0 152.0 161.0 8.0 +1.0	Length: Comp. height:	137.0 82.0 -13.6 -25.0	Top: 2nd: oil:	4.0 3.0 6.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-97001 11012-97025 11012-97063 11012-97077	O-Ring: 1 cyl pack	12010-97004 12010-97006 12010-97012 12010-97079 12011-97004	12040-97007 12040-97126 12040-97127 12040-97527	12030-97000 12030-97001 12030-97002	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 34350-8 FA LBS 34350-10 FA 2 cys pack	LB 34350-8 F LB 34350-10 F 2 cys pack	KBS 34350-8 A KBS 34350-10 A 1 cyl pack	KB 34350-8 A KB 34350-10 A 1 cyl pack	KR 34350-8 KR 34350-10 1 cyl pack	PB 34350-8 PB 34350-10 2 cys pack	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
RD8T RD10T 14,313 cc / 17,892 cc 8/10 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	243.0 152.0 161.0 8.0 +1.0	Length: Comp. height:	137.0 82.0 -13.5 -25.0	Top: 2nd: oil:	4.0 3.0 6.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-97001 11012-97025 11012-97063 11012-97077	O-Ring: 1 cyl pack	12011-97177	12040-97008 12040-97128 12040-97129 12040-97329	12030-97000 12030-97001 12030-97002	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 34400-8 FA LBS 34400-10 FA 2 cys pack	LB 34400-8 F LB 34400-10 F 2 cys pack	KBS 34400-8 A KBS 34400-10 A 1 cyl pack	KB 34400-8 A KB 34400-10 A 1 cyl pack	KR 34400-8 KR 34400-10 1 cyl pack	PB 34400-8 PB 34400-10 2 cys pack	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
RE8 RE10 15,115 cc / 18,894 cc 8/10 cyl 135.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	238.0 154.9 161.1 11.1 +3.1	Length: Comp. height:	137.0 78.5 -16.1 -27.5	Top: 2nd: oil:	3.0 3.0 5.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11012-97118 11012-97161 11012-97127	O-Ring: 1 cyl pack	12011-97107	12040-97012 12040-97061/8 12040-97074/9 12040-97325 12040-97427 12040-97625	12030-97000 12030-97001 12030-97002	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 34450-8 FA LBS 34450-10 FA 2 cys pack	LB 34450-8 F LB 34450-10 F 2 cys pack	KBS 34450-8 A KBS 34450-10 A 1 cyl pack	KB 34450-8 A KB 34450-10 A 1 cyl pack	KR 34450-8 KR 34450-10 1 cyl pack	PB 34450-8 PB 34450-10 2 cys pack	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
RF8 (L/R)			Liner/ Sleeve	Piston			Rings		Ø : Length:	46.0 116.0
		Length: Outside Ø: Flange Ø: Flange depth:	238.0 159.0 167.0 11.1 +1.3	Length: Comp. height:	137.0 78.7 -13.3 -24.7		Top: 2nd: oil:	2.5 2.5 4.0		
16,991 cc 8 cyl 138.0 mm Bore Ø		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		11012-97164 11012-97171		O-Ring: 1 cyl pack	12011-97161 12011-97163 12011-97165 (L/R)	12040-97072 12040-97104	12030-97000 12030-97001 12030-97002			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 36100 FA 2 cyls pack	LB 36100 F 2 cyls pack		KBS 36100 A 1 cyl pack	KB 36100 A 1 cyl pack	KR 36100 1 cyl pack	PB 36100 2 cyls pack			




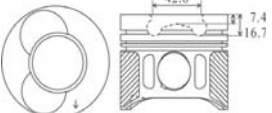

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
MD30 1 TON TRUCK 2,663 cc 4 cyl 96.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : Length:	30.0 74.0	
		Length: Outside Ø: Flange Ø: Flange depth:	160.0 99.0 105.0 5.0	Length: Comp. height:	86.0 50.3 -0.5 -1.7		Top: 2nd: oil:	86.0 50.3 -0.5 -1.7			
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 41650 FA LBS 41650 SA	LB 41650 F LB 41650		KBS 41650 A		KB 41650 A		KR 41650		PB 41650	







ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
D20DT ACTYON 2006- 1,998 cc 4 cyl 86.2 mm Bore Ø			Flanged	No flange	Piston	Alfin and with oil gallery skirt MOS2 treated	Rings	
		Length: Outside Ø: Flange Ø: Flange depth:					Length: Comp. height:	Top: 2nd: oil:
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	
				664 030 09 17		665 030 05 24	665 038 02 50	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 41700 PB LBS 41700 SB	LB 41700 P LB 41700 S		KBS 41700 B	KB 41700 B	KR 41700	PB 41700	

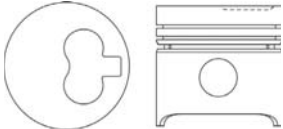

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
DC 23 KORANDO 2.2 D 2,238 cc 4 cyl 88.0 mm Bore Ø			Liner/ Sleeve		Piston	Rings	Ø: Length:	
		Length: Outside Ø: Flange Ø: Flange depth:	163.0 90.0 95.0 0.9					Length: Comp. height:
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		K-94481960 M-6292390			K-94481600 M-6292300		K-800012041000 M-62923V0	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 41750 CA	LB 41750 C		KBS 41750 A	KB 41750 A	KR 41750	PB 41750	

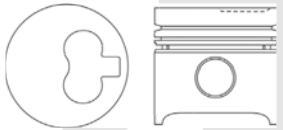

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
D27DT KYRON REXTON RODIUS 2004- 2,696 cc 5 cyl 86.2 mm Bore Ø			Flanged	No flange	Piston	Alfin and with oil gallery skirt MOS2 treated	Rings	
		Length: Outside Ø: Flange Ø: Flange depth:					Length: Comp. height:	74.6 44.7 -7.4 -17.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	
				665 030 45 17				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 41800 PB LBS 41800 SB	LB 41800 P LB 41800 S		KBS 41800 B	KB 41800B	KR 41800		

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
OM602 TURBO OM662 TURBO KORANDO MUSSO REXTON 1996- 2,874 cc 5 cyl 89.0 mm Bore Ø		Length: Outside Ø: Flange Ø: Flange depth:	Liner/ Sleeve	156.5 91.5 94.0 4.7	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : Length:	28.0 70.0
					Length: Comp. height:	74.75 44.75 -7.4 -16.7		Top: 2nd: oil:	2.5 2.0 3.0		
	Reference no.:	Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:		
	K-94823970 M-0010192	K-89456190 M-004WV14		K-94823700 M-0010100 N-8774310000		A-R45080 G-0874310000 K-800017810000 M-00224N0					
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		
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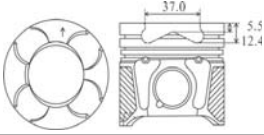

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
OM661 OM662 ISTANA KORANDO MUSSO 1986- 2,299 cc / 2,874 cc 4/5 cyl 89.0 mm Bore Ø	Reference no.:	Length: Outside Ø: Flange Ø: Flange depth:	Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings		Ø : Length:	26.0 62.0
					156.5 91.5 94.0 4.7	156.5 91.5 96.5 4.7		Length: Comp. height:	74.6 44.6 -1.0 -8.9		
	Reference no.:	Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:	
	LBS 41900 SA Ref. no.: K-91372961 M-0022492 consists of LB 41900 S	LBS 41900 SA Ref. no.: K-91372960 M-0022490 consists of LB 41900-2 S			K-91372600 M-0022400 N-8774310010		A-R45080 G-0874310000 K-800017810000 M-00224N0				
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 41900 SA LBA 41900-2 SA	LB 41900 S LB 41900-2 S			KBS 41900 A		KB 41900 A	KR 41900		PB 41900	

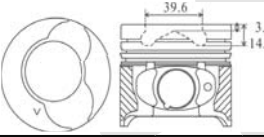

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
OM661 OM662 ISTANA KORANDO MUSSO 1986- 2,299 cc / 2,874 cc 4/5 cyl 89.0 mm Bore Ø	Reference no.:	Length: Outside Ø: Flange Ø: Flange depth:	Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings		Ø : Length:	26.0 62.0
					156.5 91.5 96.5 4.7	156.5 91.5 96.5 4.7		Length: Comp. height:	74.6 44.4 -1.0 -8.9		
	Reference no.:	Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:	
	K-94675960 M-0022480	K-89429190 M-002WV04			K-94675600 M-0022410		A-R45080 G-0874310000 K-800017810000 M-00224N0				
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 41950 SA	LB 41950 S			KBS 41950 A		KB 41950 A	KR 41950		PB 41950	

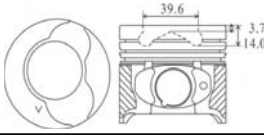

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
XD 3P KORANDO 2.5D also for FORD PEUGEOT 2,498 cc 4 cyl 94.0 mm Bore Ø		Length: Outside Ø: Flange Ø: Flange depth:	Liner/ Sleeve	Piston			Rings		Ø: Length:	30.0 78.8
			165.8 97.0 99.5 3.9	Length: Comp. height:	96.42 53.92 -1.8		Top: 2nd: oil:	2.0 2.0 4.0		
	Reference no.:	Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
	K-93625960 M-0395192	K-89412190 M-039WV30		A-350708 K-93625600 M-0395100 N-8731870010			A-R66140 G-0831870010 K-800004140000 M-03948N0			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 25100 S LBS 25100 SA	LB 42000 S		KBS 25100 KBS 25100 A		KB 25100 KB 25100 A	KR 25100		PB 25100	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
XD 3T KORANDO 2.5TD 2,498 cc 4 cyl 94.0 mm Bore Ø		Length: Outside Ø: Flange Ø: Flange depth:	Liner/ Sleeve	Piston		Alfin and with oil gallery double keystone skirt MOS2 treated	Rings		Ø: Length:	32.0 78.8
			165.8 97.0 99.5 3.9	Length: Comp. height:	96.37 53.87 -2.27		Top: 2nd: oil:	3.0 2.0 4.0		
	Reference no.:	Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:	
	K-93608960 M-0394792	K-89412190 M-039WV30		K-93608600 M-0394700			A-R66000 G-0832020010 M-03947N0 M-03952N0			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 42050 SB	LB 42050 S		KBS 42050 B		KB 42050 B	KR 42050		PB 42050	



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
Z 13 DT WAGON R DDIS also for SUBARU JUSTY 1.3 TD OPEL 1,248 cc 4 cyl 69.6 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings			
		Length:			Length:	63.43		Top:	2.0	Ø:	23.0
		Outside Ø:			Comp. height:	40.43		2nd: oil:	1.5	Length:	56.5
		Flange Ø:			-5.5						
		Flange depth:			-12.4						
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:		
		12111-85E00-0A0 12111-85E00-0B0 12111-85E00-0C0 12111-85E00-040					12140-85E00 12140-85E00-040				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		
	LBS 34550 PA LBS 34550 SA	LB 34550 P LB 34550 S		KBS 34550 A		KB 34550 A	KR 34550		PB 34550		

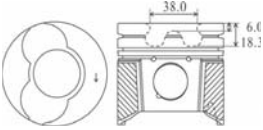

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
K9K 700/766 JIMMY 1.5 DDIS also for RENAULT 1,461 cc 4 cyl 76.0 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings			
		Length:	145.0	140.0	Length:	66.0		Top:	2.0	Ø:	25.0
		Outside Ø:	80.5	80.5	Comp. height:	41.78		2nd: oil:	2.0	Length:	60.0
		Flange Ø:			-3.7						
		Flange depth:			-14.0						
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:		
				A-A350603 K-40465600 N-8712340000			A-R60620 G-0812340000 K-800044540000 M-02201N0				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		
	LBS 34600 PA LBS 34600 SA	LB 34600 P LB 34600 S		KBS 34600 A		KB 34600 A	KR 34600		PB 34600		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
K9K 700/766 JIMMY 1.5 DDIS also for RENAULT 1,461 cc 4 cyl 76.0 mm Bore Ø			Flanged	No flange	Piston		Alfin skirt MOS2 treated	Rings			
		Length:	145.0	140.0	Length:	66.0		Top:	2.0	Ø:	26.0
		Outside Ø:	80.5	80.5	Comp. height:	41.78		2nd: oil:	2.0	Length:	60.0
		Flange Ø:			-3.7						
		Flange depth:			-14.0						
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:		
				A-A354068 K-40190600 M-0220100 N-8712340010			A-R60620 G-0812340000 K-800044540000 M-02201N0				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		
	LBS 34650 PA LBS 34650 SA	LB 34650 P LB 34650 S		KBS 34650 A		KB 34650 A	KR 34650		PB 34650		

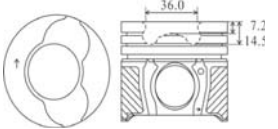

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
D19AA also for ALFA ROMEO 1,910 cc 4 cyl 82.0 mm Bore Ø		Liner/ Sleeve	Piston		Alfin skirt MOS2 treated pin bushing inserted	Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	155.0 85.0 88.0 4.5			Length: Comp. height:	72.5 46.5 -0.5 -17.5	Top: 2nd: oil:
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		G-1402896000	A-A354067 K-40218600 K-99724600 M-0101500 N-8712400030		A-R67925 G-0812400000 G-0814610000 K-800072610000 K-800073040000 M-00981N0			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 34700 SA	LB 34700 S	KBS 34700 A	KB 34700 A	KR 34700			

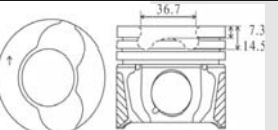

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
XUD 9A SAMURAI VITARA 1.9 D also for PEUGEOT 1,905 cc 4 cyl 83.0 mm Bore Ø		Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	153.5 86.0 89.0 4.8	153.5 86.0	Length: Comp. height:	84.3 46.8 -2.2	Top: 2nd: oil:	2.0 2.0 3.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		K-93648970 M-0392490 M-0392491	K-89184190 M-039WV21 M-039WV32	A-350709 K-93648700 M-0392400 N-8715200010		A-R66390 G-0815200000 K-800003740000 M-03924N0		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
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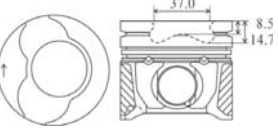

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин			
XUD 9SE BALENO 1.9 TD also for PEUGEOT 1,905 cc 4 cyl 83.0 mm Bore Ø		Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	153.5 86.0 89.0 4.8	153.5 86.0	Length: Comp. height:	79.3 46.8 -3.5	Alfin head anodized skirt MOS2 treated	Top: 2nd: oil:	3.0 2.0 3.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:			
		K-89184190 M-039WV21 M-039WV32	A-A350520 K-94786700 M-0399600 N-8710550000		A-R60140 G-0810550000 M-03996N0				
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:			
	LBS 34800 PA LBS 34800 SA	LB 34800 P LB 34800 S	KBS 34800 A	KB 34800 A	KR 34800	PB 34800			


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
RHZ GRAND VITARA • VITARA 2.0 HDI also for PEUGEOT 1,997 cc 4 cyl 85.0 mm Bore Ø			No flange	Piston		Alfin skirt MOS2 treated	Rings		Ø : Length:	28.0 70.0	
		Length: Outside Ø: Flange Ø: Flange depth:	155.0 89.06 91.0 4.5	155.0 89.06	Length: Comp. height:		80.7 46.7 -6.0 -18.3	Top: 2nd: oil:			3.5 2.0 3.0
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:		
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NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 34850 PA LBS 34850 SA	LB 34850 P LB 34850 S		KBS 34850 A	KB 34850 A	KB 34850 A	KR 34850	PB 34850			





ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
1ND-TV YARIS ECHO VERSO (NCP21 NLP10) 2004- 1,364 cc 4 cyl 73.0 mm Bore Ø			Flanged	No flange	Piston Length: 64.1 Comp. height: 41.7 -7.2 -14.5	Alfin and with oil gallery skirt MOS2 treated	Rings Top: 1.5 2nd: 1.5 oil: 3.0	Ø: 27.0 Length: 59.0
		Length: 64.1 Outside Ø: Flange Ø: Flange depth:						
					Reference no.:	Reference no.:	Reference no.:	Reference no.:
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 34900 PB LBS 34900 SB	LB 34900 P LB 34900 S	KBS 34900 B	KB 34900 B	KR 34900	PB 34900		

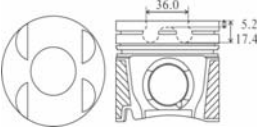

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
1ND-TV COROLLA YARIS (NDE120 NLP90) 2004- 1,364 cc 4 cyl 73.0 mm Bore Ø			Flanged	No flange	Piston Length: 64.3 Comp. height: 41.9 -7.3 -14.5	Alfin and with oil gallery 2nd ring land anodized skirt MOS2 treated	Rings Top: 1.5 2nd: 1.5 oil: 3.0	Ø: 27.0 Length: 59.0
		Length: 64.3 Outside Ø: Flange Ø: Flange depth:						
				O-Ring:	Reference no.:	Reference no.:	Reference no.:	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 34950 PB LBS 34950 SB	LB 34950 P LB 34950 S	KBS 34950 B	KB 34950 B	KR 34950	PB 34950		

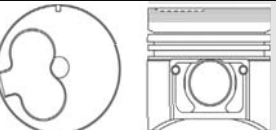

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
2WZ-TV AYGO 1.4 TCI (WNB10) 2005- 1,398 cc 4 cyl 73.7 mm Bore Ø			Flanged	No flange	Piston Length: 65.44 Comp. height: 42.94 -8.5 -14.7	Alfin skirt MOS2 treated	Rings Top: 2.5 2nd: 1.95 oil: 2.5	Ø: 25.0 Length: 60.0
		Length: 65.44 Outside Ø: Flange Ø: Flange depth:	137.0 76.78 78.7 4.0	137.0 76.78				
				SU001-00537	Reference no.:	Reference no.:	Reference no.:	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 35500 PA LBS 35500 SA	LB 35500 P LB 35500 S	KBS 35500 A	KB 35500 A	KR 35500	PB 35500		

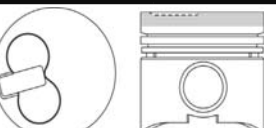

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1N STARLET (NP70/80) 1986-1996 1,453 cc 4 cyl 74.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 23.5 Length: 58.0
		Length: 136.0 Outside Ø: 78.0 Flange Ø: 82.0 Flange depth: 2.5	133.0 78.0	Length: 67.5 Comp. height: 38.5 -1.0 -2.0				Top: 1.5 2nd: 1.5 oil: 3.0		
		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
							13101-55020 13103-55020	13011-55010 13011-55011 13013-55010		90999-73109
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 35050 P LBS 35050 S	LB 35050 P LB 35050 S			KBS 35050		KB 35050	KR 35050		PB 35050



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1WZ COROLLA (WZE110) 1999-2001 1,868 cc 4 cyl 82.2 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 25.0 Length: 66.0
		Length: 154.0 Outside Ø: 86.0 Flange Ø: 88.0 Flange depth: 4.0	154.0 86.0	Length: 77.7 Comp. height: 46.8 -1.2	STD	O/S		77.45 46.5 -1.2	Top: 2.0 2nd: 2.0 oil: 3.0	
		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
					SU001-00080			SU001-00081		SU001-00076
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
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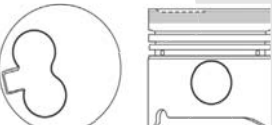

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1CD-FTV AVENSIS COROLLA (CDT250 CUR10) 2003-2006 1,995 cc 4 cyl 82.2 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings		Ø : 31.0 Length: 68.0
		Length: 151.0 Outside Ø: 86.2 Flange Ø: 88.2 Flange depth: 5.0	151.0 86.2	Length: 74.8 Comp. height: 47.8 -4.5 -15.5				Top: 2.0 2nd: 1.5 oil: 3.0		
		Reference no.:			Reference no.:		Reference no.:	Reference no.:		Reference no.:
							13101-27080 13101-OG010	13011-27030 13011-27040		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 91000 PB LBS 91000 SB	LB 91000 P LB 91000 S			KBS 91000 B		KB 91000 B	KR 91000		PB 91000



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
1CD-FTV AVENSIS PREVIA RAV 4 (ACR30 CDT220 CLA2#) 1999-2007 1,995 cc 4 cyl 82.2 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated		Rings	
		Length: 151.0 Outside Ø: 86.2 Flange Ø: 88.2 Flange depth: 5.0	151.0 86.2	151.0 86.2	Length: 74.8 Comp. height: 47.8 -5.2 -17.4	Top: 2.0 2nd: 1.5 oil: 3.0			Ø: 31.0 Length: 68.0	
		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
						13101-27050 13101-27051	13011-27030 13011-27040			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 12000 PB LBS 12000 SB	LB 12000 P LB 12000 S		KBS 12000 B		KB 12000 B	KR 12000	PB 12000		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
1C CARINA LITEACE (CA60 CM20) 1982-1985 1,839 cc 4 cyl 83.0 mm Bore Ø			Flanged	No flange	Piston		Top: 2.0 2nd: 2.0 oil: 4.0		Rings	
		Length: 152.0 Outside Ø: 86.0 Flange Ø: 88.0 Flange depth: 5.0	152.0 86.0	144.0 87.0	Length: 77.0 Comp. height: 47.0 -1.0	Ø: 27.0 Length: 68.0				
		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		11461-64011				13101-64010 13101-64020 13103-64010	13011-64010 13011-64020 13011-64040 13011-64070 13011-64080 13013-64000 13013-64020 13013-64070	90999-73091 90999-73101		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 35250 P LBS 35250 S	LB 35250 P LB 35250 S		KBS 35250		KB 35250	KR 35250	PB 35250		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
1C LITEACE VAN WAGON (CM35) 1985-1988 1,839 cc 4 cyl 83.0 mm Bore Ø			Flanged	No flange	Piston		Top: 2.0 2nd: 2.0 oil: 3.0		Rings	
		Length: 152.0 Outside Ø: 86.0 Flange Ø: 88.0 Flange depth: 5.0	152.0 86.0	144.0 87.0	Length: 77.0 Comp. height: 47.0 -1.2	Ø: 27.0 Length: 58.0				
		Reference no.:		Reference no.:		Reference no.:	Reference no.:	Reference no.:		
		11461-64011				13101-64060 13103-64060	13011-64130 13011-64220 13013-64130	90999-73102 90999-73138		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 35300 P LBS 35300 S	LB 35300 P LB 35300 S		KBS 35300		KB 35300	KR 35300	PB 35300		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1C 1,839 cc 4 cyl 83.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 27.0 Length: 58.0
		Length: 152.0 Outside Ø: 86.0 Flange Ø: 88.0 Flange depth: 5.0		144.0 87.0	Length: 77.0 Comp. height: 47.0 -0.8 -1.0	Top: 2.0 2nd: 2.0 oil: 3.0				
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:
		11461-64011				13101-64050 13101-64100	13011-64130 13011-64220 13013-64130	90999-73102 90999-73138		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 35350 P LBS 35350 S	LB 35350 P LB 35350 S			KBS 35350	KB 35350	KR 35350	PB 35350		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1C-TL CAMRY (CV10) 1983-1985 1,839 cc 4 cyl 83.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 27.0 Length: 68.0
		Length: 152.0 Outside Ø: 86.0 Flange Ø: 88.0 Flange depth: 5.0		144.0 87.0	Length: 77.0 Comp. height: 47.0 -1.1	Top: 2.0 2nd: 2.0 oil: 4.0				
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:
		11461-64010 11461-64011				13101-64040 13103-64040	13011-64010 13011-64020 13011-64040 13011-64070 13011-64080 13013-64000 13013-64020 13013-64070	90999-73091 90999-73101		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 35400 P LBS 35400 S	LB 35400 P LB 35400 S			KBS 35400	KB 35400	KR 35400	PB 35400		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1C New 1,839 cc 4 cyl 83.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 27.0 Length: 58.0
		Length: 152.0 Outside Ø: 86.0 Flange Ø: 88.0 Flange depth: 5.0		144.0 87.0	Length: 76.8 Comp. height: 47.0 -1.0 -1.3	Top: 2.0 2nd: 2.0 oil: 3.0				
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:
		11461-64011				13101-64130	13011-64130 13011-64220 13013-64130	90999-73102 90999-73138		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 35450 P LBS 35450 S	LB 35450 P LB 35450 S			KBS 35450	KB 35450	KR 35450	PB 35450		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		Piston + Rings Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	Piston Set Kolben Set/ Pistón Set/ поршневой	Rings Set Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
2C MODEL-F (CR21) 1983-1985 1,974 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston Length: 77.0 Comp. height: 47.0 -1.3	Rings Top: 2.0 2nd: 2.0 oil: 4.0		Ø: 27.0 Length: 68.0
		Length: 151.0 Outside Ø: 89.2 Flange Ø: 91.0 Flange depth: 4.8	150.0	90.0		Reference no.:	Reference no.:	Reference no.:
		Reference no.: 11461-64090			Reference no.: 13101-64030 13103-64030	Reference no.: 13011-64060 13011-64110 13011-64150 13013-64060 13013-64110 13013-64150	Reference no.: 90999-73091 90999-73101	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 35000 P LBS 35000 S	LB 35000 P LB 35000 S	KBS 35000	KB 35000	KR 35000	PB 35000		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		Piston + Rings Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	Piston Set Kolben Set/ Pistón Set/ поршневой	Rings Set Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
2C New LITEACE CARINA 2 VAN WAGON (CM3# CR2# CT170/190) 1987-1996 1,974 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston Length: 77.0 Comp. height: 47.0 -1.4	Rings Top: 2.0 2nd: 2.0 oil: 3.0		Ø: 27.0 Length: 58.0
		Length: 151.0 Outside Ø: 89.2 Flange Ø: 91.0 Flange depth: 4.8	150.0	90.0		Reference no.:	Reference no.:	Reference no.:
		Reference no.:						
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 35550 P LBS 35550 S	LB 35550 P LB 35550 S	KBS 35550	KB 35550	KR 35550	PB 35550		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		Piston + Rings Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	Piston Set Kolben Set/ Pistón Set/ поршневой	Rings Set Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
2CT 2CT-L CAMRY (CV11/20) 1985-1987 1,974 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston Length: 77.0 Comp. height: 47.0 -1.3	Rings Top: 2.0 2nd: 2.0 oil: 4.0		Ø: 27.0 Length: 61.0
		Length: 151.0 Outside Ø: 89.2 Flange Ø: 91.0 Flange depth: 4.8	150.0	90.0		Reference no.:	Reference no.:	Reference no.:
		Reference no.: 11461-64090			Reference no.: 13101-64070 13103-64070	Reference no.: 13011-64060 13011-64110 13011-64150 13013-64060 13013-64110 13013-64150	Reference no.: 90999-73101 90999-73102 90999-73138	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 35600 P LBS 35600 S LBS 35600 PA LBS 35600 SA	LB 35600 P LB 35600 S	KBS 35600 KBS 35600 A	KB 35600 KB 35600 A	KR 35600	PB 35600		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
2C MODEL-F (CR21) 1985-1987 1,974 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 27.0 Length: 58.0	
		Length:	151.0	150.0	Length:	77.0		Top:	1.75		2nd: oil:
		Outside Ø:	89.2	90.0	Comp. height:	47.0		oil:	2.0		
Flange Ø:	91.0			-0.8		3.0					
		Reference no.:			Reference no.:		Reference no.:		Reference no.:		
		11461-64090					13101-64080 13103-64080		13011-64170 13013-64170		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		
	LBS 35650 P LBS 35650 S	LB 35650 P LB 35650 S			KBS 35650		KB 35650		KR 35650		

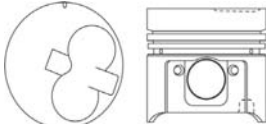

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
2C MODEL-F (CR21) 1987-1988 1,974 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 27.0 Length: 58.0	
		Length:	151.0	150.0	Length:	77.0		Top:	1.75		2nd: oil:
		Outside Ø:	89.2	90.0	Comp. height:	47.0		oil:	2.0		
Flange Ø:	91.0			-2.2		3.0					
		Reference no.:			Reference no.:		Reference no.:		Reference no.:		
		11461-64090					13101-64090 13103-64090		13011-64170 13013-64170		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		
	LBS 35700 P LBS 35700 S	LB 35700 P LB 35700 S			KBS 35700		KB 35700		KR 35700		

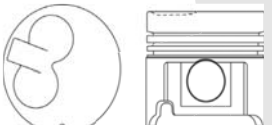

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
2CT AVENSIS (CT220) 1998-2000 1,974 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery head anodized	Rings		Ø : 27.0 Length: 66.0	
		Length:	151.0	150.0	Length:	77.0		Top:	2.0		2nd: oil:
		Outside Ø:	89.2	90.0	Comp. height:	47.0		oil:	2.0		
Flange Ø:	91.0			-1.4		3.0					
		Reference no.:			Reference no.:		Reference no.:		Reference no.:		
		11461-64090					13101-64181 13103-64181		13011-64190/1 13011-64202 13011-64210 13011-64212/3 13013-64190/1 13013-64212/3		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		
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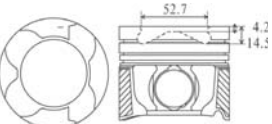

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
3C-TE PICNIC (СХМ10) 1997-2001 2,184 cc 4 cyl 86.0 mm Bore Ø			No flange	Piston		with oil gallery		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	151.0 89.2 91.0 4.8	150.0 90.0	Length: Comp. height:	72.5 42.5 -1.9 -2.9	Top: 2nd: oil:	2.0 2.0 3.0	Ø: Length:
		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-64090				13101-64151 13101-64210 13103-64151 13103-64210		13011-64190/1 13011-64202 13011-64210 13011-64212/3 13013-64190/1 13013-64212/3	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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						KR 35800		PB 35800	

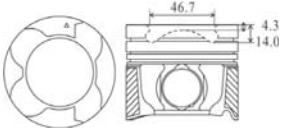

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
3CT 2,184 cc 4 cyl 86.0 mm Bore Ø			No flange	Piston		Alfin and with oil gallery		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	151.0 89.2 91.0 4.8	150.0 90.0	Length: Comp. height:	72.5 42.5 -2.1 -3.0	Top: 2nd: oil:	2.0 2.0 3.0	Ø: Length:
		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-64090				13101-64150		13011-64190/1 13011-64202 13011-64210 13011-64212/3 13013-64190/1 13013-64212/3	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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						KR 35850		PB 35850	

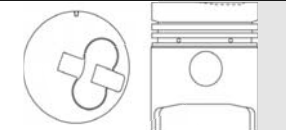

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
2AD-FTV AVENSIS RAV 4 (ADT251 ALA30) 2005- 2,231 cc 4 cyl 86.0 mm Bore Ø			No flange	Piston		Alfin and with oil gallery skirt MOS2 treated		Rings	
		Length: Outside Ø: Flange Ø: Flange depth:	160.0 90.0 94.0 3.0	160.0 90.0	Length: Comp. height:	72.0 48.0 -4.3 -13.9	Top: 2nd: oil:	2.0 1.5 2.0	Ø: Length:
		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
						13101-0R010 13101-0R012		13011-26070 13011-0R010 13011-0R030	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
		LBS 76000 PB LBS 76000 SB		LB 76000 P LB 76000 S		KBS 76000 B		KB 76000 B	
						KR 76000		PB 76000	

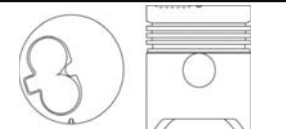

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
1DZ 2,486 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Alfin head anodized		Rings Top: 2.0 2nd: 2.0 oil: 4.0	Ø : 27.0 Length: 68.0	
		Length: 180.0 Outside Ø: 90.0 Flange Ø: 93.0 Flange depth: 5.0	175.0 90.0	Length: 77.0 Comp. height: 47.0 -2.3	Reference no.:		Reference no.:				Reference no.:
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-78200				13101-78201		13011-78201		90999-73950	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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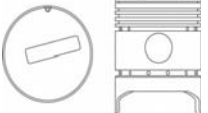
ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
1DZ New 2,486 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Head, top and 2nd ring lands anodized		Rings Top: 2.0 2nd: 2.0 oil: 3.0	Ø : 27.0 Length: 68.0	
		Length: 180.0 Outside Ø: 90.0 Flange Ø: 93.0 Flange depth: 5.0	175.0 90.0	Length: 76.3 Comp. height: 46.4 -1.7 -2.2	Reference no.:		Reference no.:				Reference no.:
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-78020 11461-78200				13101-78202		13011-64190/1 13011-64202 13011-64210 13011-64212/3 13013-64190/1 13013-64212/3		90999-73950	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 44900 PB LBS 44900 SB	LB 44900 P LB 44900 S		KBS 44900B		KB 44900 B		KR 44900		PB 44900	

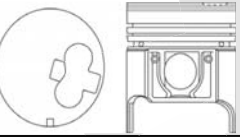
ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
2AD-FHV AVENSIS • IS220D • RAV 4 (ADT251 • ALA30 • ALE20) 2005- 2,231 cc 4 cyl 86.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated		Rings Top: 2.0 2nd: 1.5 oil: 2.0	Ø : 29.0 Length: 69.0	
		Length: 160.0 Outside Ø: 90.0 Flange Ø: 94.0 Flange depth: 3.0	160.0 90.0	Length: 72.0 Comp. height: 48.0 -4.2 -14.5	Reference no.:		Reference no.:				Reference no.:
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
						13101-0R020 13101-0R021 13101-0R022		13011-26070 13011-0R010 13011-0R030			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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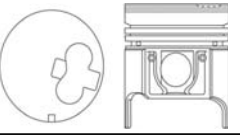
ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
1AD-FTV AVENSIS (ADT250) 2006- 1,998 cc 4 cyl 86.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>160.0</td> <td>160.0</td> </tr> <tr> <td>Outside Ø:</td> <td>90.0</td> <td>90.0</td> </tr> <tr> <td>Flange Ø:</td> <td>94.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.0</td> <td></td> </tr> </table>		Flanged	No flange	Length:	160.0	160.0	Outside Ø:	90.0	90.0	Flange Ø:	94.0		Flange depth:	3.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>72.0</td> </tr> <tr> <td>Comp. height:</td> <td>48.0</td> </tr> <tr> <td></td> <td>-4.3</td> </tr> <tr> <td></td> <td>-14.0</td> </tr> </table>	Piston		Length:	72.0	Comp. height:	48.0		-4.3		-14.0	Alfin and with oil gallery skirt MOS2 treated	<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>1.5</td> </tr> <tr> <td>oil:</td> <td>2.0</td> </tr> <tr> <td>Ø:</td> <td>29.0</td> </tr> <tr> <td>Length:</td> <td>69.0</td> </tr> </table>	Rings		Top:	2.0	2nd:	1.5	oil:	2.0	Ø:	29.0	Length:	69.0	
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	LBS 34500 PB LBS 34500 SB	LB 34500 P LB 34500 S	KBS 34500 B	KB 34500 B	KR 34500	PB 34500																																					

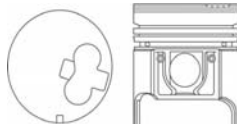

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																						
2J 3 Rings (L/R) DYNA • TOYOACE (JU20 • JY16/30) 1975-1983 2,481 cc 4 cyl 88.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>183.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>93.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>98.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5</td> <td></td> </tr> <tr> <td></td> <td>+1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	183.5		Outside Ø:	93.0		Flange Ø:	98.0		Flange depth:	2.5			+1.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>102.2</td> </tr> <tr> <td>Comp. height:</td> <td>52.2</td> </tr> <tr> <td></td> <td>-3.1</td> </tr> </table>	Piston		Length:	102.2	Comp. height:	52.2		-3.1		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> <tr> <td>Ø:</td> <td>27.0</td> </tr> <tr> <td>Length:</td> <td>74.0</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.5	oil:	4.0	Ø:	27.0	Length:	74.0	
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		11461-47011 11461-48010 11461-48011		13081-48014/15 13085-48014/15 13101-48014/15 (L/R)	13011-48022 13011-48023 13011-48030 13015-48022 13015-48023	90999-70048 90999-73069 90999-73083																																						
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																						
	LBS 36150 F LBS 36150 S	LB 36150 F LB 36150 S	KBS 36150	KB 36150	KR 36150	PB 36150																																						



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																								
2J 4 Rings (L/R) TOYOACE (JY16) 1972-1975 2,481 cc 4 cyl 88.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>183.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>93.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>98.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5</td> <td></td> </tr> <tr> <td></td> <td>+1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	183.5		Outside Ø:	93.0		Flange Ø:	98.0		Flange depth:	2.5			+1.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>102.2</td> </tr> <tr> <td>Comp. height:</td> <td>52.2</td> </tr> <tr> <td></td> <td>-2.1</td> </tr> </table>	Piston		Length:	102.2	Comp. height:	52.2		-2.1		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>3rd:</td> <td>2.5</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> <tr> <td>Ø:</td> <td>27.0</td> </tr> <tr> <td>Length:</td> <td>74.0</td> </tr> </table>	Rings		Top:	2.5	2nd:	2.5	3rd:	2.5	oil:	4.0	Ø:	27.0	Length:	74.0	
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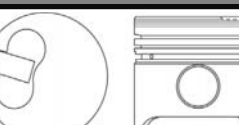

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																									
J 5 Rings (L/R) 2J 5 Rings (L/R) 2,336 cc / 2,481 cc 4cyl 88.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>183.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>93.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>98.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	183.5		Outside Ø:	93.0		Flange Ø:	98.0		Flange depth:	2.5 +1.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>114.2</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>52.2 -4.0</td> <td></td> </tr> </table>		Piston		Length:	114.2		Comp. height:	52.2 -4.0			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.5</td> <td rowspan="2">Ø : 27.0 Length: 74.0</td> </tr> <tr> <td>2nd:</td> <td>2.5</td> </tr> <tr> <td>3rd:</td> <td>2.5</td> <td></td> </tr> <tr> <td>1st oil:</td> <td>4.0</td> <td></td> </tr> <tr> <td>2nd oil:</td> <td>4.0</td> <td></td> </tr> </table>		Rings		Top:	2.5	Ø : 27.0 Length: 74.0	2nd:	2.5	3rd:	2.5		1st oil:	4.0		2nd oil:	4.0		
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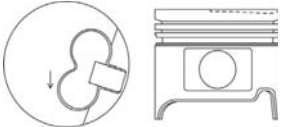

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																			
L LN30 CROWN • HIACE • HILUX • TOYOACE (LH11/20/30 • LN3#/4# • LS110 • LY20/30) 1979-1981 2,188 cc 4 cyl 90.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>160.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>94.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>101.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.5 +1.2</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	160.5		Outside Ø:	94.0		Flange Ø:	101.0		Flange depth:	3.5 +1.2		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>99.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>52.0 -1.4</td> <td></td> </tr> </table>		Piston		Length:	99.0		Comp. height:	52.0 -1.4			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.5</td> <td rowspan="2">Ø : 27.0 Length: 73.9</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> <td></td> </tr> </table>		Rings		Top:	2.5	Ø : 27.0 Length: 73.9	2nd:	2.0	oil:	4.0		
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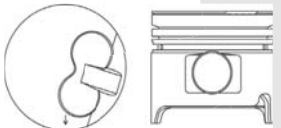

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																			
L LN40 BULIZZARD • CROWN • HIACE • HILUX TOYOACE (LD10 • LH11/20/30/50/60/70 • LN3#/4# • LS110 • LY20/30) 1981-1983 2,188 cc 4 cyl 90.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>160.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>94.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>101.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.5 +1.2</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	160.5		Outside Ø:	94.0		Flange Ø:	101.0		Flange depth:	3.5 +1.2		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>99.0</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>52.0 -1.4</td> <td></td> </tr> </table>		Piston		Length:	99.0		Comp. height:	52.0 -1.4			<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.0</td> <td rowspan="2">Ø : 27.0 Length: 73.9</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> <td></td> </tr> </table>		Rings		Top:	2.0	Ø : 27.0 Length: 73.9	2nd:	2.0	oil:	4.0		
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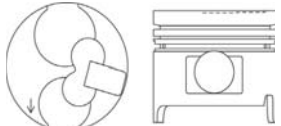

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
L LN50 BULIZZARD • CROWN • HIACE • HILUX • (LD10 • LH11/50/60/70 • LN 30/40/50/55 • LS110) 1982-1985 2,188 cc 4 cyl 90.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>160.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>94.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>101.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.5 +1.2</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	160.5		Outside Ø:	94.0		Flange Ø:	101.0		Flange depth:	3.5 +1.2		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td></td> <td>99.0</td> </tr> <tr> <td>Comp. height:</td> <td></td> <td>52.0 -1.4</td> </tr> </table>		Piston		Length:		99.0	Comp. height:		52.0 -1.4		<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td></td> <td>2.0</td> </tr> <tr> <td>2nd: oil:</td> <td></td> <td>2.0 4.0</td> </tr> </table>		Rings		Top:		2.0	2nd: oil:		2.0 4.0	<table border="1"> <tr> <td>Ø:</td> <td>27.0</td> </tr> <tr> <td>Length:</td> <td>73.5</td> </tr> </table>	Ø:	27.0	Length:	73.5
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2L DYNA • 100/150 • HILUX • LAND CRUI- SER • 4RUNNER (LH5#/6#/71/80 • LJ70 LN5#/6# • LY31/60) 1983-1995 2,466 cc 4 cyl 92.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> </tr> <tr> <td>Length:</td> <td>160.5</td> <td>160.5</td> </tr> <tr> <td>Outside Ø:</td> <td>96.0</td> <td>96.0</td> </tr> <tr> <td>Flange Ø:</td> <td>100.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>3.5 +1.0</td> <td></td> </tr> </table>		Flanged	No flange	Length:	160.5	160.5	Outside Ø:	96.0	96.0	Flange Ø:	100.7		Flange depth:	3.5 +1.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td></td> <td>86.2</td> </tr> <tr> <td>Comp. height:</td> <td></td> <td>49.3 -1.5</td> </tr> </table>		Piston		Length:		86.2	Comp. height:		49.3 -1.5		<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td></td> <td>2.0</td> </tr> <tr> <td>2nd: oil:</td> <td></td> <td>2.0 4.0</td> </tr> </table>		Rings		Top:		2.0	2nd: oil:		2.0 4.0	<table border="1"> <tr> <td>Ø:</td> <td>27.0</td> </tr> <tr> <td>Length:</td> <td>74.0</td> </tr> </table>	Ø:	27.0	Length:	74.0
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2L II / 2L New COMUTER • DYNA • HIACE VAN • HILUX • (LH10#/11# • LY100 • LN5#/10# /85/90/110/145/150 • LXH12/22) 1988- 2,446 cc 4 cyl 92.0 mm Bore Ø			Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	160.5 96.0 100.7 3.5 +1.0	160.5 96.0	Length: Comp. height:	80.3 44.3 -2.5	Top: 2nd: oil:	2.0 2.0 4.0	Ø: Length:
		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-54030 11461-54060				13101-54070 13103-54070 13104-54070 13105-54070		13011-54050 13011-54060/1/2 13011-54090 13011-54100 13013-54060/1/2 13013/4/5-54100	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 36550 FA LBS 36550 S A LBS 36550 PA	LB 36550 F LB 36550 S LB 36550 P		KBS 36550 A		KB 36550 A	KR 36550		PB 36550

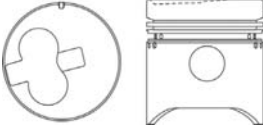

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
2LT / 2LIIT HIACE S.B.V • HILUX • LAND CRUISER (LJ7 • LN130/165/170 • LXH1#/#) 1990-1998 2,466 cc 4 cyl 92.0 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	160.5 96.0 100.7 3.5 +1.0	160.5 96.0	Length: Comp. height:	80.3 44.3 -2.4	Alfin and with oil gallery		Top: 2nd: oil:	2.0 2.0 4.0
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		
		11461-54030 11461-54060				13101-54090/1 13101-54111 13103-54090/1 13104-54090/1 13105-54090/1		13011-54050 13011-54060/1/2 13011-54090 13011-54100 13013-54060/1/2 13013/4/5-54100		90999-73115
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 36600 FB LBS 36600 SB LBS 36600 PB	LB 36600 F LB 36600 S LB 36600 P		KBS 36600 B		KB 36600 B	KR 36600		PB 36600	



ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
2LT New 2LIIT New HIACE S.B.V (LXH1#/#) 1998-2001 2,466 cc 4 cyl 92.0 mm Bore Ø			Flanged	No flange	Piston		Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	160.5 96.0 100.7 3.5 +1.0	160.5 96.0	Length: Comp. height:	80.3 44.3 -0.2 -2.5	Alfin and with oil gallery		Top: 2nd: oil:	2.0 2.0 4.0
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		
		11461-54030 11461-54060				13101-54140 13101-54141 13103-54140 13104-54140 13105-54140		13011-54050 13011-54060/1/2 13011-54090 13011-54100 13013-54060/1/2 13013/4/5-54100		90999-73115
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 36650 FB LBS 36650 SB LBS 36650 PB	LB 36650 F LB 36650 S LB 36650 P		KBS 36650 B		KB 36650 B	KR 36650		PB 36650	



ENGINE TYPE	LINER KIT	CYL. LINER		PISTON + RINGS		PISTON SET	RINGS SET		PIN		
Motortyp/ tipo de motor/ тип двигателя	Liner Kit/ camisas de los cilindros/ Лайнер комплект	Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		Kolben Set/ Pistón Set/ поршневой	Ring Set/ Anillos Set/ кольца		Pin/ Perno/ Пин		
2LT New 2LIIT New DYNA 100 • HIACE S.B.V • HILUX (LN 145/150 • LXH12/22 • LY100) 1998-2001 2,466 cc 4 cyl 92.0 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	160.5 96.0 100.7 3.5 +1.0	160.5 96.0	Length: Comp. height:	80.3 44.3 -0.8 -3.0	Top: 2nd: oil:	2.0 2.0 4.0	Ø: Length:	27.0 70.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-54030 11461-54060				13101-54130 13103-54130 13104-54130 13105-54130		13011-54050 13011-54060/1/2 13011-54090 13011-54100 13013-54060/1/2 13013/4/5-54100		90999-73114	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 36700 FA LBS 36700 SA LBS 36700 PA	LB 36700 F LB 36700 S LB 36700 P		KBS 36700 A		KB 36700 A		KR 36700		PB 36700	

ENGINE TYPE	LINER KIT	CYL. LINER		PISTON + RINGS		PISTON SET	RINGS SET		PIN		
Motortyp/ tipo de motor/ тип двигателя	Liner Kit/ camisas de los cilindros/ Лайнер комплект	Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		Kolben Set/ Pistón Set/ поршневой	Ring Set/ Anillos Set/ кольца		Pin/ Perno/ Пин		
2KD-FTV DYNA 150 • HIACE S.B.V • HILUX (KDN145/150 • KDY220/230 • KLN1#2# • KUN15/25) 2001- 2,494 cc 4 cyl 92.0 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	170.0 96.0 101.0 4.5	165.0 96.0	Length: Comp. height:	82.2 54.2 -6.7 -19.5	Alfin and with oil gallery		Top: 2nd: oil:	2.0 1.5 3.0	Ø: Length:
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
						13101-0L020 13101-0L022 13101-30030 13101-30031 13103-30030 13103-30031		13011-0L020 13011-0L040 13011-30030 13011-30031 13011-30060 13011-30080 13013-30030 13013-30031		90999-73145 90999-73157	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 50000 PB LBS 50000 SB	LB 50000 P LB 50000 S		KBS 50000 B		KB 50000 B		KR 50000		PB 50000	

ENGINE TYPE	LINER KIT	CYL. LINER		PISTON + RINGS		PISTON SET	RINGS SET		PIN		
Motortyp/ tipo de motor/ тип двигателя	Liner Kit/ camisas de los cilindros/ Лайнер комплект	Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		Kolben Set/ Pistón Set/ поршневой	Ring Set/ Anillos Set/ кольца		Pin/ Perno/ Пин		
B 4 Rings LAND CRUISER (BJ4#) 1974-1975 2,977 cc 4 cyl 95.0 mm Bore Ø			Liner/ Sleeve		Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	190.0 100.0 107.6 2.5 +1.2		Length: Comp. height:	101.3 52.3 -2.6	Top: 2nd: 3rd: oil:	2.5 2.5 2.5 4.5	Ø: Length:	29.0 79.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-56010				13081-56011 13085-56011		13011-56011 13015-56011		90999-73065 90999-73121 90999-73131	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 36800 F LBS 36800 S	LB 36800 F LB 36800 S		KBS 36800		KB 36800		KR 36800		PB 36800	

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
B 3 Rings DYNA • LAND CRUISER (BJ4#40/43 • BU2#20/25/30/60/63/70/ 75/80) 1977-1986 2,977 cc 4 cyl 95.0 mm Bore Ø			Liner/ Sleeve	Piston			Rings		Ø : 29.0 Length: 79.1	
		Length: Outside Ø: Flange Ø: Flange depth:	190.0 102.0 107.6 2.5 +1.0	Length: Comp. height:	101.3 52.3 -3.1 -4.4		Top: 2nd: oil:	2.5 2.5 4.5		
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
						13101-56013 13101-56020 13101-56021 13101-56030/1 13105-56021 13105-56030	13011-56012 13011-56013 13011-56021 13011-56022 13011-56030 13015-56012/3	90999-73065 90999-73121 90999-73131		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 36850 F LBS 36850 S	LB 36850 F LB 36850 S		KBS 36850		KB 36850	KR 36850	PB 36850		



ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
B(3) New 2,977 cc 4 cyl 95.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø : 29.0 Length: 72.0	
		Length: Outside Ø: Flange Ø: Flange depth:	190.0 102.0 107.6 2.5 +1.0		Length: Comp. height:	101.2 52.2 -2.5 -4.2	Top: 2nd: oil:	2.5 2.0 4.0		
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		11461-56020				13101-56050	13011-56040 13011-56041 13013-56040 13014-56040 13015-56040	90999-73065 90999-73121 90999-73131		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 36900 FA LBS 36900 SA	LB 36900 F LB 36900 S		KBS 36900 A		KB 36900 A	KR 36900	PB 36900		



ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
11B DYNA (BU61/65/76/81/86) 1985-1987 2,977 cc 4 cyl 95.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø : 34.0 Length: 75.0	
		Length: Outside Ø: Flange Ø: Flange depth:	190.0 99.0 104.6 2.5 +1.0	192.0 99.0	Length: Comp. height:	98.2 63.2 -18.0	Top: 2nd: oil:	2.5 2.5 4.5		
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		11461-56030 11462-56060				13101-56041 13101-56042	13011-56012 13011-56013 13011-56021/2 13011-56030 13015-56012/3	90999-73099		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 36950 F LBS 36950 S LBS 36950 P	LB 36950 F LB 36950 S LB 36950 P		KBS 36950		KB 36950	KR 36950	PB 36950		



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																												
11B DYNA 200 (BU76/84) 1988-1992 2,977 cc 4 cyl 95.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> <td></td> </tr> <tr> <td>Length:</td> <td>190.0</td> <td>192.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>99.0</td> <td>99.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>104.6</td> <td></td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5</td> <td></td> <td></td> </tr> <tr> <td></td> <td>+1.0</td> <td></td> <td></td> </tr> </table>		Flanged	No flange		Length:	190.0	192.0		Outside Ø:	99.0	99.0		Flange Ø:	104.6			Flange depth:	2.5				+1.0			<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>90.4</td> </tr> <tr> <td>Comp. height:</td> <td>55.4</td> </tr> <tr> <td></td> <td>-20.3</td> </tr> </table>		Piston	Length:	90.4	Comp. height:	55.4		-20.3		<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> <tr> <td>Ø:</td> <td>32.0</td> </tr> <tr> <td>Length:</td> <td>72.0</td> </tr> </table>		Rings	Top:	2.5	2nd:	2.0	oil:	4.0	Ø:	32.0	Length:	72.0	
			Flanged	No flange																																														
Length:	190.0	192.0																																																
Outside Ø:	99.0	99.0																																																
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	+1.0																																																	
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oil:	4.0																																																	
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		Reference no.: 11461-56030 11462-56060	Reference no.: 13101-56060 13103-56060 13104-56060 13105-56060	Reference no.: 13011-56040 13011-56041 13013-56040 13014-56040 13015-56040	Reference no.: 90999-73116 90999-73124																																													
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																												
	LBS 37000 FA LBS 37000 SA LBS 37000 PA	LB 37000 F LB 37000 S LB 37000 P	KBS 37000 A	KB 37000 A	KR 37000	PB 37000																																												


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																														
3L COMPUTER • DYNA 150 • HIACE VAN • HILUX (LH103/105/113/115/125 LN57/ 67 • LY61/211) 1988-2001 2,779 cc 4 cyl 96.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> <td></td> </tr> <tr> <td>Length:</td> <td>190.0</td> <td>190.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>100.0</td> <td>100.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>107.6</td> <td></td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5</td> <td></td> <td></td> </tr> <tr> <td></td> <td>+1.0</td> <td></td> <td></td> </tr> </table>		Flanged	No flange		Length:	190.0	190.0		Outside Ø:	100.0	100.0		Flange Ø:	107.6			Flange depth:	2.5				+1.0			<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>80.3</td> </tr> <tr> <td>Comp. height:</td> <td>42.3</td> </tr> <tr> <td></td> <td>-0.15</td> </tr> <tr> <td></td> <td>-2.0</td> </tr> </table>		Piston	Length:	80.3	Comp. height:	42.3		-0.15		-2.0		<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> <tr> <td>Ø:</td> <td>29.0</td> </tr> <tr> <td>Length:</td> <td>73.9</td> </tr> </table>		Rings	Top:	2.0	2nd:	2.0	oil:	4.0	Ø:	29.0	Length:	73.9	
			Flanged	No flange																																																
Length:	190.0	190.0																																																		
Outside Ø:	100.0	100.0																																																		
Flange Ø:	107.6																																																			
Flange depth:	2.5																																																			
	+1.0																																																			
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Length:	80.3																																																			
Comp. height:	42.3																																																			
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	-2.0																																																			
	Rings																																																			
Top:	2.0																																																			
2nd:	2.0																																																			
oil:	4.0																																																			
Ø:	29.0																																																			
Length:	73.9																																																			
		Reference no.: 11461-54090 11461-54100	Reference no.: 13101-54100 13101-54101 13103-54100 13103-54101	Reference no.: 13011-54120 13013-54120	Reference no.: 90999-73115																																															
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																																														
	LBS 37050 FA LBS 37050 SA LBA 37050 PA	LB 37050 F LB 37050 S LB 37050 P	KBS 37050 A	KB 37050 A	KR 37050	PB 37050																																														


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																					
1Z 2,953 cc 4 cyl 96.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>182.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>100.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>105.8</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>8.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	182.5		Outside Ø:	100.0		Flange Ø:	105.8		Flange depth:	8.0		<table border="1"> <tr> <td></td> <td>Piston</td> </tr> <tr> <td>Length:</td> <td>94.4</td> </tr> <tr> <td>Comp. height:</td> <td>56.5</td> </tr> <tr> <td></td> <td>-7.0</td> </tr> <tr> <td></td> <td>-15.6</td> </tr> </table>		Piston	Length:	94.4	Comp. height:	56.5		-7.0		-15.6		<table border="1"> <tr> <td></td> <td>Rings</td> </tr> <tr> <td>Top:</td> <td>2.0</td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>4.0</td> </tr> <tr> <td>Ø:</td> <td>32.0</td> </tr> <tr> <td>Length:</td> <td>77.0</td> </tr> </table>		Rings	Top:	2.0	2nd:	2.0	oil:	4.0	Ø:	32.0	Length:	77.0	
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1KZ-TE LAND CRUISER 90 (KZJ 9#) 1996-2000 2,982 cc 4 cyl 96.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>170.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>99.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>105.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	170.0		Outside Ø:	99.0		Flange Ø:	105.0		Flange depth:	5.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>80.7</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>45.7</td> <td></td> </tr> <tr> <td></td> <td>-2.5</td> <td></td> </tr> </table>		Piston		Length:	80.7		Comp. height:	45.7			-2.5		Alfin and with oil gallery head anodized	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.0</td> <td rowspan="3"> Ø : 34.0 Length: 73.0 </td> </tr> <tr> <td>2nd:</td> <td>2.0</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>		Rings		Top:	2.0	Ø : 34.0 Length: 73.0	2nd:	2.0	oil:	3.0	<table border="1"> <tr> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> </tr> <tr> <td>11461-78300</td> <td></td> <td>13101-67030</td> <td>13011-67030</td> <td>90999-73136</td> </tr> <tr> <td>11461-78301</td> <td></td> <td>13103-67030</td> <td>13013-67030</td> <td></td> </tr> <tr> <td></td> <td></td> <td>13104-67030</td> <td>13014-67030</td> <td></td> </tr> <tr> <td></td> <td></td> <td>13105-67030</td> <td>13015-67030</td> <td></td> </tr> </table>	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	11461-78300		13101-67030	13011-67030	90999-73136	11461-78301		13103-67030	13013-67030				13104-67030	13014-67030				13105-67030	13015-67030	
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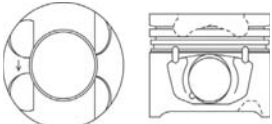

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																																	
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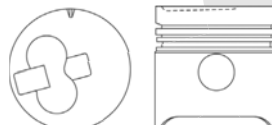

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																																
1KD-FTV LAND CRUISER 90/120 (KDJ12 • KZJ9#) 2000-2004 2,982 cc 4 cyl 96.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>170.0</td> <td>170.0</td> </tr> <tr> <td>Outside Ø:</td> <td>99.0</td> <td>99.0</td> </tr> <tr> <td>Flange Ø:</td> <td>105.0</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	170.0	170.0	Outside Ø:	99.0	99.0	Flange Ø:	105.0		Flange depth:	5.0		<table border="1"> <tr> <td></td> <td>Piston</td> <td></td> </tr> <tr> <td>Length:</td> <td>77.6</td> <td></td> </tr> <tr> <td>Comp. height:</td> <td>49.6</td> <td></td> </tr> <tr> <td></td> <td>-6.0</td> <td></td> </tr> <tr> <td></td> <td>-17.7</td> <td></td> </tr> </table>		Piston		Length:	77.6		Comp. height:	49.6			-6.0			-17.7		Alfin and with oil gallery head anodized	<table border="1"> <tr> <td></td> <td>Rings</td> <td></td> </tr> <tr> <td>Top:</td> <td>2.0</td> <td rowspan="3"> Ø : 34.0 Length: 73.0 </td> </tr> <tr> <td>2nd:</td> <td>1.5</td> </tr> <tr> <td>oil:</td> <td>3.0</td> </tr> </table>		Rings		Top:	2.0	Ø : 34.0 Length: 73.0	2nd:	1.5	oil:	3.0	<table border="1"> <tr> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> </tr> <tr> <td>13011-30020/21/22</td> <td></td> <td>13011-30040/50</td> <td></td> </tr> <tr> <td>13011-30051</td> <td></td> <td>13013-30020/21/22</td> <td></td> </tr> <tr> <td>13013-30020/21/22</td> <td></td> <td>13013-30051</td> <td></td> </tr> <tr> <td>13014-30020/21/22</td> <td></td> <td>13014-30051</td> <td></td> </tr> <tr> <td>13015-30020/21/22</td> <td></td> <td>13015-30051</td> <td></td> </tr> </table>	Reference no.:	Reference no.:	Reference no.:	Reference no.:	13011-30020/21/22		13011-30040/50		13011-30051		13013-30020/21/22		13013-30020/21/22		13013-30051		13014-30020/21/22		13014-30051		13015-30020/21/22		13015-30051	
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1KD-FTV New LAND CRUISER (KDJ12) 2004-2006 2,982 cc 4 cyl 96.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings	
		Length:	170.0	170.0	Length:	78.5		Top: 2.0 2nd: 1.5 oil: 3.0	Ø: 34.0 Length: 73.0
		Outside Ø:	99.0	99.0	Comp. height:	49.65			
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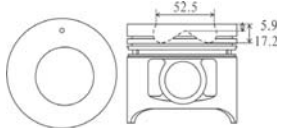

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1KD-FTV 2,982 cc 4 cyl 96.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery head anodized skirt MOS2 treated	Rings	
		Length:	170.0	170.0	Length:	77.6		Top: 2.0 2nd: 1.5 oil: 3.0	Ø: 34.0 Length: 73.0
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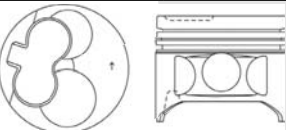

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1KD-FTV DYNA 150 (KDY221/231/251/261) 2006-2009 2,982 cc 4 cyl 96.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery skirt MOS2 treated	Rings	
		Length:	170.0	170.0	Length:	78.5		Top: 2.0 2nd: 1.5 oil: 3.0	Ø: 34.0 Length: 73.0
		Outside Ø:	99.0	99.0	Comp. height:	49.6			
		Flange Ø:	105.0						
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		Reference no.:		Reference no.:		Reference no.:	Reference no.:		
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 37400 PB LBS 37400 SB	LB 37400 P LB 37400 S		KBS 37400 B		KB 37400 B	KR 37400	PB 37400	

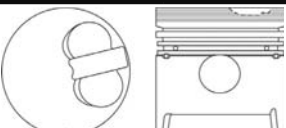

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1KD-FTV HILUX 2,982 cc 4 cyl 96.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery		Rings Top: Ø : 2nd: Length: oil: 2.5
		Length: 170.0 Outside Ø: 99.0 Flange Ø: 105.0 Flange depth: 5.0	170.0 99.0	Length: 101.2 Comp. height: 52.2 -2.6 -3.4					
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:
						13101-30150 13103-30150 13104-30150 13105-30150	13011-30150 13013-30150 13014-30150 13015-30150		90999-73143 90999-73156
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 37450 APB LBS 37450 ASB	LB 37450 P LB 37450 S		KBS 37450 AB		KB 37450 AB	KR 37450		PB 37450

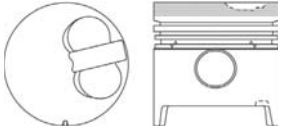

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
2B DYNA (BU31) 1981-1982 3,168 cc 4 cyl 98.0 mm Bore Ø			Liner/ Sleeve		Piston		Rings		Ø : 29.0 Length: 79.0
		Length: 190.0 Outside Ø: 102.0 Flange Ø: 107.6 Flange depth: 2.5 +1.0		Length: 101.2 Comp. height: 52.2 -2.6 -3.4			Top: 2.5 2nd: 2.5 oil: 4.5		
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:
		11461-57010				13101-57011 13101-57020 13101-57022	13011-57010		90999-73065 90999-73121 90999-73131
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 44850 F LBS 44850 S	LB 44850 F LB 44850 S		KBS 44850		KB 44850	KR 44850		PB 44850

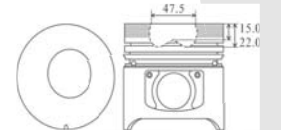

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
2Z 3,469 cc 4 cyl 98.0 mm Bore Ø			Liner/ Sleeve		Piston		Rings		Ø : 32.0 Length: 77.0
		Length: 181.5 Outside Ø: 101.0 Flange Ø: 107.0 Flange depth: 5.0		Length: 87.9 Comp. height: 50.0 -8.4 -15.7			Top: 2.0 2nd: 2.0 oil: 4.0		
		Reference no.:		Reference no.:		Reference no.:	Reference no.:		Reference no.:
		11461-78400 11461-78700				13101-78700	13011-78700 13011-78701 13011-78760		90384-32950 90384-32951
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
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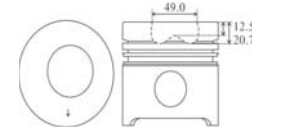

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
2Z New 3,469 cc 4 cyl 98.0 mm Bore Ø			Flanged	No flange	Piston	Rings	Ø : 32.0 Length: 77.0
		Length: 181.5 Outside Ø: 101.0 Flange Ø: 107.0 Flange depth: 5.0					
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11461-78400 11461-78700			13101-78702	13011-78700 13011-78701 13011-78760	90384-32950 90384-32951
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 37600 LBS 37600	LB 37600 F LB 37600 S		KBS 37600	KB 37600	KR 37600	PB 37600

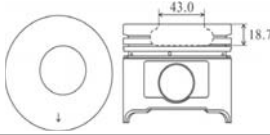

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
5L / 5L-E COMUTER • DYNA 150 • HIACE VAN (LH154/162/166/172/174/184 • LY212/ 220/230/235) 1998- 2,986 cc 4 cyl 99.5 mm Bore Ø			Flanged	No flange	Piston	Rings	Ø : 29.0 Length: 73.9
		Length: 155.0 Outside Ø: 103.5 Flange Ø: 106.5 Flange depth: 4.0	155.0	103.5			
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11461-54120			13101-54120 13103-54120	13011-54130 13013-54130	90999-73115
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 37650 PB LBS 37650 SB	LB 37650 S LB 37650 P		KBS 37650 B	KB 37650 B	KR 37650	PB 37650

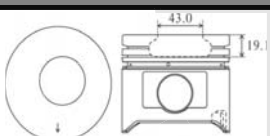

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
3B COASTER • LAND CRUISER (BB20/ 30 BJ42/45/46/60/70/73/75) 1980-1986 3,431 cc 4 cyl 102.0 mm Bore Ø			Liner/ Sleeve		Piston	Rings	Ø : 32.0 Length: 84.0
		Length: 187.5 Outside Ø: 106.0 Flange Ø: 111.7 Flange depth: 2.5 +1.0					
		Reference no.:		Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11461-58010 11461-58020			13101-58011 13101-58012	13011-58010 13011-58011	90999-73088 90999-73132
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 37700 F LBS 37700 S	LB 37700 F LB 37700 S		KBS 37700	KB 37700	KR 37700	PB 37700


ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																															
3B New DYNA 200 • LAND CRUISER (BJ70/73/ 75 • BU79/89/92/100/110/140) 1988-1995 3,431 cc 4 cyl 102.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>187.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>106.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>111.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	187.5		Outside Ø:	106.0		Flange Ø:	111.7		Flange depth:	2.5 +1.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>101.2</td> </tr> <tr> <td>Comp. height:</td> <td>55.2 -5.0</td> </tr> </table>	Piston		Length:	101.2	Comp. height:	55.2 -5.0		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd: oil:</td> <td>2.0 4.0</td> </tr> <tr> <td>Ø:</td> <td>32.0</td> </tr> <tr> <td>Length:</td> <td>72.0</td> </tr> </table>	Rings		Top:	2.5	2nd: oil:	2.0 4.0	Ø:	32.0	Length:	72.0	
			Liner/ Sleeve																																		
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	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																
	11461-58010 11461-58020		13101-58050 13103-58050 13104-58050 13105-58050	13011-58050 13011-58051 13011-58070 13013-58050/70 13014-58050/70 13015-58050/70	90999-73116 90999-73124																																
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																															
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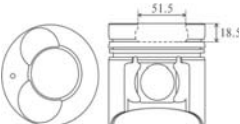

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																															
13B 3,431 cc 4 cyl 102.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>187.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>106.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>111.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	187.5		Outside Ø:	106.0		Flange Ø:	111.7		Flange depth:	2.5 +1.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>104.4</td> </tr> <tr> <td>Comp. height:</td> <td>63.5 -15.0 -22.0</td> </tr> </table>	Piston		Length:	104.4	Comp. height:	63.5 -15.0 -22.0		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5 4.5</td> </tr> <tr> <td>Ø:</td> <td>34.0</td> </tr> <tr> <td>Length:</td> <td>84.0</td> </tr> </table>	Rings		Top:	2.5	2nd: oil:	2.5 4.5	Ø:	34.0	Length:	84.0	
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Flange depth:	2.5 +1.0																																				
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	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																																
	11461-58010 11461-58020		13101-58020 13101-58021	13011-58030	90999-73099																																
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																															
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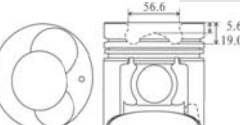

ENGINE TYPE Motor/typo/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																															
13BT LAND CRUISER (BJ71) 1985-1990 3,431 cc 4 cyl 102.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Liner/ Sleeve</td> <td></td> </tr> <tr> <td>Length:</td> <td>187.5</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>106.0</td> <td></td> </tr> <tr> <td>Flange Ø:</td> <td>111.7</td> <td></td> </tr> <tr> <td>Flange depth:</td> <td>2.5 +1.0</td> <td></td> </tr> </table>		Liner/ Sleeve		Length:	187.5		Outside Ø:	106.0		Flange Ø:	111.7		Flange depth:	2.5 +1.0		<table border="1"> <tr> <td colspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>98.4</td> </tr> <tr> <td>Comp. height:</td> <td>63.5 -12.5 -20.7</td> </tr> </table>	Piston		Length:	98.4	Comp. height:	63.5 -12.5 -20.7		<table border="1"> <tr> <td colspan="2">Rings</td> </tr> <tr> <td>Top:</td> <td>2.5</td> </tr> <tr> <td>2nd: oil:</td> <td>2.5 4.5</td> </tr> <tr> <td>Ø:</td> <td>34.0</td> </tr> <tr> <td>Length:</td> <td>79.0</td> </tr> </table>	Rings		Top:	2.5	2nd: oil:	2.5 4.5	Ø:	34.0	Length:	79.0	
			Liner/ Sleeve																																		
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																															
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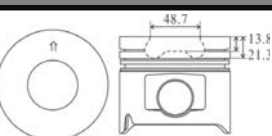

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																																																																																																																								
14B DYNA 200 (BU88/96/101/102/111/112/ 141/211/221) 1988-1996 3,659 cc 4 cyl 102.0 mm Bore Ø		<table border="1"> <tr> <td></td> <td>Flanged</td> <td>No flange</td> <td rowspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>187.5</td> <td>197.0</td> </tr> <tr> <td>Outside Ø:</td> <td>106.0</td> <td>106.0</td> <td>Length:</td> <td>86.9</td> </tr> <tr> <td>Flange Ø:</td> <td>111.7</td> <td></td> <td>Comp. height:</td> <td>51.8</td> </tr> <tr> <td>Flange depth:</td> <td>2.5</td> <td></td> <td></td> <td>-18.7</td> </tr> <tr> <td></td> <td>+1.0</td> <td></td> <td></td> <td></td> </tr> </table>		Flanged	No flange	Piston	Length:	187.5	197.0	Outside Ø:	106.0	106.0	Length:	86.9	Flange Ø:	111.7		Comp. height:	51.8	Flange depth:	2.5			-18.7		+1.0				<table border="1"> <tr> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> </tr> <tr> <td>11461-58010</td> <td></td> <td>13101-58040</td> <td>13011-58050</td> <td>90999-73116</td> </tr> <tr> <td>11461-58020</td> <td></td> <td>13101-58041</td> <td>13011-58051</td> <td>90999-73124</td> </tr> <tr> <td>11461-58040</td> <td></td> <td>13103-58040</td> <td>13011-58070</td> <td></td> </tr> <tr> <td></td> <td></td> <td>13104-58040</td> <td>13013-58050/70</td> <td></td> </tr> <tr> <td></td> <td></td> <td>13105-58040</td> <td>13014-58050/70</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>13015-58050/70</td> <td></td> </tr> </table>	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	11461-58010		13101-58040	13011-58050	90999-73116	11461-58020		13101-58041	13011-58051	90999-73124	11461-58040		13103-58040	13011-58070				13104-58040	13013-58050/70				13105-58040	13014-58050/70					13015-58050/70		<table border="1"> <tr> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																										<table border="1"> <tr> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																										<table border="1"> <tr> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																									
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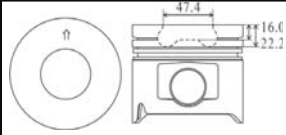

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																																																																										
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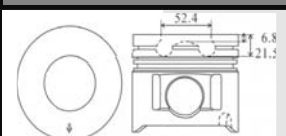

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																																																																																																					
1W DYNA (WU40/9#) 1983-1987 4,009 cc 4 cyl 104.0 mm Bore Ø	Liner OD is graded as W X and Y Z	<table border="1"> <tr> <td></td> <td>Liner Sleeve</td> <td></td> <td rowspan="2">Piston</td> </tr> <tr> <td>Length:</td> <td>201.0</td> <td></td> </tr> <tr> <td>Outside Ø:</td> <td>107.0</td> <td></td> <td>Length:</td> <td>106.2</td> </tr> <tr> <td>Flange Ø:</td> <td>112.0</td> <td></td> <td>Comp. height:</td> <td>60.2</td> </tr> <tr> <td>Flange depth:</td> <td>8.0</td> <td></td> <td></td> <td>-19.2</td> </tr> <tr> <td></td> <td>+0.9</td> <td></td> <td></td> <td></td> </tr> </table>		Liner Sleeve		Piston	Length:	201.0		Outside Ø:	107.0		Length:	106.2	Flange Ø:	112.0		Comp. height:	60.2	Flange depth:	8.0			-19.2		+0.9				<table border="1"> <tr> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> </tr> <tr> <td>11461-78020/30</td> <td></td> <td>13101-78020</td> <td>13011-78010</td> <td>90999-73095</td> </tr> <tr> <td>11461-78040/50</td> <td></td> <td>13101-78060</td> <td></td> <td>90999-73110</td> </tr> </table>	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	11461-78020/30		13101-78020	13011-78010	90999-73095	11461-78040/50		13101-78060		90999-73110	<table border="1"> <tr> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																										<table border="1"> <tr> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> <td>Reference no.:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:																									
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	LBS 38000 FA	LB 38000 F (phosphated)	KBS 38000 A	KB 38000 A	KR 38000	PB 38000																																																																																																					



ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
W04D DYNA (WU410/420) 2002- 4,009 cc 4 cyl 104.0 mm Bore Ø	Liner OD is graded as A, B and C		Liner/ Sleeve	Piston				Rings			
		Length:	200.0	Length:	106.2	Top:	2.5	Ø:	37.0		
		Outside Ø:	107.0	Comp. height:	60.2	2nd:	2.0	Length:	85.0		
		Flange Ø:	112.0			oil:	4.0				
		Flange depth:	8.0								
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-78021				13211-78120		13011-78060		13271-89102	
		11461-78031						13011-78180			
		11461-78051									
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 38050 FA	LB 38050 F (phosphated)		KBS 38050 A		KB 38050 A		KR 38050		PB 38050	


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N04C COASTER DYNA (XZB40/50# XZU413/ 415/417/423/425/427/433/435) 2006- 4,009 cc 4 cyl 104.0 mm Bore Ø	Liner OD is graded as A, B and C		Flanged	No flange	Piston				Rings		
		Length:	200.0	Length:	106.0	Top:	3.0	Ø:	37.0		
		Outside Ø:	107.0	Comp. height:	60.1	2nd:	2.0	Length:	85.0		
		Flange Ø:	112.0			oil:	4.0				
		Flange depth:	8.0								
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-78021				13211-78170		13011-78190		13271-89102	
		11461-78031				13211-78190		13011-78230			
		11461-78051				13216-E0020		13011-78220			
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 38100 FA	LB 38100 F		KBS 38100 A		KB 38100 A		KR 38100		PB 38100	


ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
15B-FT DYNA 200 (BU102/112/142/212/222) 1995- 4,104 cc 4 cyl 108.0 mm Bore Ø			Flanged	No flange	Piston				Rings		
		Length:	193.0	193.0	Length:	94.5	Top:	3.0	Ø:	34.0	
		Outside Ø:	112.0	112.0	Comp. height:	59.5	2nd:	2.0	Length:	73.0	
		Flange Ø:	115.0			oil:	4.0				
		Flange depth:	5.0								
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-58090				13101-58080		13011-58090		90999-73134	
						13101-58090		13013-58090			
						13103-58080		13013-58090			
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 38150 PA LBS 38150 SA	LB 38150 P LB 38150 S		KBS 38150 A		KB 38150 A		KR 38150		PB 38150	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																									
15B-FT DYNA 200 (BU102/142/212/222) 1997- 4,104 cc 4 cyl 108.0 mm Bore Ø		<table border="1"> <thead> <tr> <th></th> <th>Flanged</th> <th>No flange</th> <th colspan="2">Piston</th> </tr> </thead> <tbody> <tr> <td>Length:</td> <td>193.0</td> <td>193.0</td> <td>Length:</td> <td>94.5</td> </tr> <tr> <td>Outside Ø:</td> <td>112.0</td> <td>112.0</td> <td>Comp. height:</td> <td>59.5</td> </tr> <tr> <td>Flange Ø:</td> <td>115.0</td> <td></td> <td></td> <td>-16.0</td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> <td></td> <td>-22.2</td> </tr> </tbody> </table>		Flanged	No flange	Piston		Length:	193.0	193.0	Length:	94.5	Outside Ø:	112.0	112.0	Comp. height:	59.5	Flange Ø:	115.0			-16.0	Flange depth:	5.0			-22.2	Alfin and with oil gallery Reference no.: 13101-58081 13101-58091 13101-58101 13103-58081 13103-58101 13104-58081 13104-58101 13105-58081 13105-58101	Rings Top: 3.0 2nd: 2.0 oil: 4.0 Ø: 34.0 Length: 73.0	Reference no.: 13011-58090 13013-58090 13014-58090 13015-58090	Reference no.: 90999-73134
			Flanged	No flange	Piston																										
		Length:	193.0	193.0	Length:	94.5																									
Outside Ø:	112.0	112.0	Comp. height:	59.5																											
Flange Ø:	115.0			-16.0																											
Flange depth:	5.0			-22.2																											
Reference no.:	Reference no.:	Reference no.:	Reference no.:																												
11461-58090																															
																															
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																									
	LBS 38200 PB LBS 38200 SB	LB 38200 P LB 38200 S	KBS 38200 B	KB 38200 B	KR 38200	PB 38200																									



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																									
15B-FTE DYNA • DYNA 200 (BU213/223/410/ 420 • XZU300/320/330/340) 1999- 4,104 cc 4 cyl 108.0 mm Bore Ø		<table border="1"> <thead> <tr> <th></th> <th>Flanged</th> <th>No flange</th> <th colspan="2">Piston</th> </tr> </thead> <tbody> <tr> <td>Length:</td> <td>193.0</td> <td>193.0</td> <td>Length:</td> <td>94.5</td> </tr> <tr> <td>Outside Ø:</td> <td>112.0</td> <td>112.0</td> <td>Comp. height:</td> <td>59.5</td> </tr> <tr> <td>Flange Ø:</td> <td>115.0</td> <td></td> <td></td> <td>-6.8</td> </tr> <tr> <td>Flange depth:</td> <td>5.0</td> <td></td> <td></td> <td>-21.5</td> </tr> </tbody> </table>		Flanged	No flange	Piston		Length:	193.0	193.0	Length:	94.5	Outside Ø:	112.0	112.0	Comp. height:	59.5	Flange Ø:	115.0			-6.8	Flange depth:	5.0			-21.5	Reference no.: 13101-58120 13103-58120 13104-58120 13105-58120	Rings Top: 3.0 2nd: 2.0 oil: 4.0 Ø: 37.0 Length: 82.0	Reference no.: 13011-58110 13013-58110 13014-58110 13015-58110	Reference no.: 90999-73141
			Flanged	No flange	Piston																										
		Length:	193.0	193.0	Length:	94.5																									
Outside Ø:	112.0	112.0	Comp. height:	59.5																											
Flange Ø:	115.0			-6.8																											
Flange depth:	5.0			-21.5																											
Reference no.:	Reference no.:	Reference no.:	Reference no.:																												
11461-58090																															
																															
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																									
	LBS 38250 PB LBS 38250 SB	LB 38250 P LB 38250 S	KBS 38250 B	KB 38250 B	KR 38250	PB 38250																									

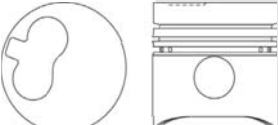

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин																				
S05C DYNA (XZU302/307/342/402/412/422) 2001-2006 4,613 cc 4 cyl 114.0 mm Bore Ø	Liner OD is graded as A, B and C	<table border="1"> <thead> <tr> <th></th> <th>Liner/ Sleeve</th> <th colspan="2">Piston</th> </tr> </thead> <tbody> <tr> <td>Length:</td> <td>186.5</td> <td>Length:</td> <td>103.5</td> </tr> <tr> <td>Outside Ø:</td> <td>117.0</td> <td>Comp. height:</td> <td>60.5</td> </tr> <tr> <td>Flange Ø:</td> <td>122.0</td> <td></td> <td>-11.0</td> </tr> <tr> <td>Flange depth:</td> <td>8.0</td> <td></td> <td>-20.0</td> </tr> </tbody> </table>		Liner/ Sleeve	Piston		Length:	186.5	Length:	103.5	Outside Ø:	117.0	Comp. height:	60.5	Flange Ø:	122.0		-11.0	Flange depth:	8.0		-20.0	Reference no.: 13216-2983 13218-78020 13218-78021	Rings Top: 2.5 2nd: 2.0 oil: 4.0 Ø: 37.0 Length: 85.0	Reference no.: 13011-78030 13011-78031	Reference no.: 13271-89101
			Liner/ Sleeve	Piston																						
		Length:	186.5	Length:	103.5																					
Outside Ø:	117.0	Comp. height:	60.5																							
Flange Ø:	122.0		-11.0																							
Flange depth:	8.0		-20.0																							
Reference no.:	Reference no.:	Reference no.:	Reference no.:																							
11461-78090 11461-78100 11461-78110																										
																										
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:																				
	LBS 38300 FA	LB 38300 F (phosphated)	KBS 38300 A	KB 38300 A	KR 38300	PB 38300																				

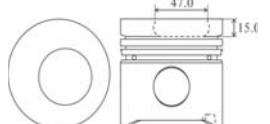

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
S05D DYNA (XZU4112) 2001-2002 4,899 cc 4 cyl 114.0 mm Bore Ø	Liner OD is graded as A, B and C	Liner/ Sleeve Length: 186.5 Outside Ø: 117.0 Flange Ø: 122.0 Flange depth: 8.0	Piston		Alfin and with oil gallery	Rings		Ø : Length:
			Length: Comp. height:	Length: 80.5 Comp. height: 43.5 -1.5		Top: 2.5 2nd: 2.0 oil: 4.0		
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
			O-Ring:					
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 38350 FB	LB 38350 F (phosphated)	KBS 38350 B	KB 38350 B	KR 38350	PB 38350		



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
1PZ LAND CRUISER (PZJ7) 1990-1993 3,469 cc 5 cyl 94.0 mm Bore Ø		Flanged Length: 168.0 Outside Ø: 98.0 Flange Ø: 113.0 Flange depth: 2.5	No flange	Piston		Rings		Ø : 29.0 Length: 65.0
			Length: 166.5 Outside Ø: 98.0	Length: 80.5 Comp. height: 43.5 -1.5	Top: 2.0 2nd: 2.0 oil: 4.0			
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11461-17010		13101-17010 13103-17010	13011-18010 13011-18030 13013-18010	90999-73126		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 11500 PA LBS 11500 SA	LB 11500 P LB 11500 S	KBS 11500 A	KB 11500 A	KR 11500	PB 11500		



ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
H 3 Rings (L/R) DYNA • LAND CRUISER (HJ45 • HU30) 1975-1981 3,576 cc 6 cyl 88.0 mm Bore Ø		Liner/ Sleeve Length: 183.5 Outside Ø: 93.0 Flange Ø: 98.0 Flange depth: 2.5 +1.0	Piston			Rings		Ø : 27.0 Length: 74.0
			Length: 102.1 Comp. height: 52.1 -1.4 -2.8	Top: 2.5 2nd: 2.5 oil: 4.0				
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
		11461-47011 11461-48010 11461-48011		13081-47012/13 13085-47012/13 13101-47012/13 (L/R)	13011-47022 13011-47023 13015-47022 13015-47023	90999-70048 90999-73069 90999-73083		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 38450 F LBS 38450	LB 38450 F LB 38450 S	KBS 38450	KB 38450	KR 38450	PB 38450		

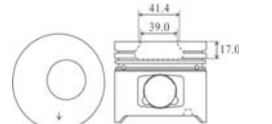

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
2H DYNA LAND CRUISER (HJ47/60 HU40/50) 1980-1984 3,980 cc 6 cyl 91.0 mm Bore Ø		Liner/ Sleeve		Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	183.5 95.0 101.0 2.5 +1.0		Length: Comp. height:	102.2 52.1 -1.8	Top: 2nd: oil:	2.5 2.5 4.0	Ø: Length:	29.0 74.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-68010				13081-68010 13101-68010 13103-68010		13011-68010 13011-68020 13011-96601 13013-68020		90999-73087	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 44950 F LBS 44950 S LBS 44950 FA LBS 44950 SA	LB 44950 F LB 44950 S		KBS 44950 KBS 44950 A		KB 44950 KB 44950 A		KR 44950		PB 44950	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
2H New LAND CRUISER (HJ47/60) 1984-1998 3,980 cc 6 cyl 91.0 mm Bore Ø		Liner/ Sleeve		Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	183.5 95.0 101.0 2.5 +1.0		Length: Comp. height:	90.1 52.2 -1.6	Top: 2nd: oil:	2.5 2.5 4.0	Ø: Length:	29.0 74.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-68010				13011-68010 90999-73087 13011-68020 13011-96601 13013-68020		13011-68010 13011-68020 13011-96601 13013-68020		90999-73087	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 38550 F LBS 38550 S	LB 38550 F LB 38550 S		KBS 38550		KB 38550		KR 38550		PB 38550	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой		RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
12HT LAND CRUISER (HJ61) 1985-1990 3,980 cc 6 cyl 91.0 mm Bore Ø		Liner/ Sleeve		Piston				Rings			
		Length: Outside Ø: Flange Ø: Flange depth:	183.5 95.0 101.0 2.5 +1.0		Length: Comp. height:	91.3 56.3 -15.0	Top: 2nd: oil:	2.5 2.5 4.0	Ø: Length:	32.0 77.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-68010				13101-68020 13103-68020		13011-68030 13013-68030		90999-73108	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 38600 FA LBS 38600 SA	LB 38600 F LB 38600 S		KBS 38600 A		KB 38600 A		KR 38600		PB 38600	


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1HZ New 4,164 cc 6 cyl 94.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 29.0 Length: 65.0
		Length: 168.0 Outside Ø: 98.0 Flange Ø: 103.0 Flange depth: 2.5	168.0 98.0	Length: 80.5 Comp. height: 43.5 -1.5	Top: 2.0 2nd: 2.0 oil: 4.0					
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:
		11461-17010				13101-17100 13103-17100	13011-17010/1 13011-17020 13011-17030 13013-17010/1 13013-17020 13013-17030	90999-73126		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 38650 PA LBS 38650 SA	LB 38650 P LB 38650 S			KBS 38650 A	KB 38650 A	KR 38650	PB 38650		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1HZ LAND CRUISER (HZJ7#80) 1990-2001 4,164 cc 6 cyl 94.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 29.0 Length: 65.0
		Length: 168.0 Outside Ø: 98.0 Flange Ø: 103.0 Flange depth: 2.5	168.0 98.0	Length: 80.5 Comp. height: 43.5 -1.6	Top: 2.0 2nd: 2.0 oil: 4.0					
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:
		11461-17010				13101-17010 13103-17010	13011-17010/1 13011-17020 13011-17030 13013-17010/1 13013-17020 13013-17030	90999-73126		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
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ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра			PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин
1HD-T LAND CRUISER (HDJ80) 1990-1992 4,164 cc 6 cyl 94.0 mm Bore Ø			Flanged	No flange	Piston			Rings		Ø : 33.0 Length: 73.0
		Length: 168.0 Outside Ø: 98.0 Flange Ø: 103.0 Flange depth: 2.5	168.0 98.0	Length: 80.7 Comp. height: 49.7 -17.0	Top: 2.0 2nd: 2.0 oil: 4.0					
		Reference no.:			Reference no.:	Reference no.:	Reference no.:	Reference no.:		Reference no.:
		11461-17010				13101-17020 13103-17020	13011-17010/1 13011-17020 13011-17030 13013-17010/1 13013-17020 13013-17030	90999-73127 90999-73137		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:			NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:
	LBS 38750 PA LBS 38750 SA	LB 38750 P LB 38750 S			KBS 38750 A	KB 38750 A	KR 38750	PB 38750		


ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
1HD-T 4,164 cc 6 cyl 94.0 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	168.0 98.0 103.0 2.5	168.0 98.0	Length: Comp. height:	80.7 49.7 -16.3	Top: 2nd: oil:	2.0 2.0 4.0	Ø: Length:	33.0 73.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-17010				13101-17040 13103-17040		13011-17010/1 13011-17020 13011-17030 13013-17010/1 13013-17020 13013-17030		90999-73127 90999-73137	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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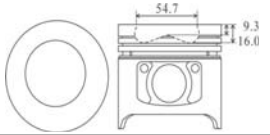

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
1HD-T 4,164 cc 6 cyl 94.0 mm Bore Ø			Flanged	No flange	Piston		Rings				
		Length: Outside Ø: Flange Ø: Flange depth:	168.0 98.0 103.0 2.5	168.0 98.0	Length: Comp. height:	80.7 49.7 -17.1	Top: 2nd: oil:	2.0 2.0 4.0	Ø: Length:	33.0 73.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-17010				13101-17060		13011-17010/1 13011-17020 13011-17030 13013-17010/1 13013-17020 13013-17030		90999-73127 90999-73137	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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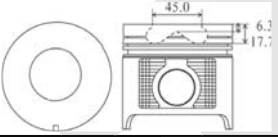

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин		
1HD-FT LAND CRUISER (HDJ80) 1995-1998 4,164 cc 6 cyl 94.0 mm Bore Ø			Flanged	No flange	Piston		Alfin and with oil gallery		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	168.0 98.0 103.0 2.5	168.0 98.0	Length: Comp. height:	80.4 49.4 -12.5 -18.5	Top: 2nd: oil:	2.0 2.0 4.0	Ø: Length:	33.0 73.0	
		Reference no.:		Reference no.:		Reference no.:		Reference no.:		Reference no.:	
		11461-17010				13101-17080 13101-17090 13101-17091 13103-17080 13103-17090		13011-17010/1 13011-17020 13011-17030 13013-17010/1 13013-17020 13013-17030		90999-73127 90999-73137	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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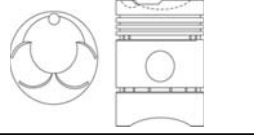

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
1HZ LAND CRUISER (HZJ7#) 1999-2001 4,164 cc 6 cyl 94.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø : 33.0 Length: 73.0	
		Length: 168.0 Outside Ø: 98.0 Flange Ø: 103.0 Flange depth: 2.5	168.0 98.0	Length: 80.7 Comp. height: 49.7 -1.6			Top: 2.0 2nd: 2.0 oil: 4.0	Reference no.:		
		Reference no.: 11461-17010		Reference no.:		Reference no.:		13011-17010 13011-17011 13011-17020 13011-17030 13013-17010 13013-17011 13013-17020 13013-17030		Reference no.:
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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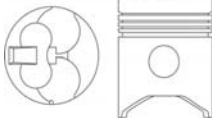

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
1HD-FTE LAND CRUISER 100 (HDJ100) 1998- 4,164 cc 6 cyl 94.0 mm Bore Ø			Flanged	No flange	Piston		Rings		Ø : 33.0 Length: 73.0	
		Length: 168.0 Outside Ø: 98.0 Flange Ø: 103.0 Flange depth: 2.5	168.0 98.0	Length: 80.4 Comp. height: 49.4 -6.1 -18.1	Alfin and with oil gallery		Top: 2.0 2nd: 1.5 oil: 4.0	Reference no.:		
		Reference no.: 11461-17010		Reference no.:		Reference no.:		Reference no.:		Reference no.:
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
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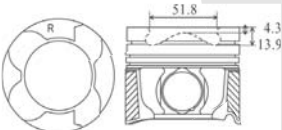

ENGINE TYPE Motor/тип de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра		PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца		PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца		PIN Pin/ Perno/ Пин	
11Z 4,430 cc 6 cyl 96.0 mm Bore Ø			Liner/ Sleeve	Piston		Rings		Ø : 32.0 Length: 77.0		
		Length: 182.5 Outside Ø: 100.0 Flange Ø: 105.8 Flange depth: 8.0		Length: 94.4 Comp. height: 56.5 -7.0 -15.6			Top: 2.0 2nd: 2.0 oil: 4.0		Reference no.:	
		Reference no.: 11461-78300 11461-78301 11461-78360		Reference no.:		Reference no.:			Reference no.:	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:		NM-Motorservice Article no.:	NM-Motorservice Article no.:		NM-Motorservice Article no.:	
	LBS 39050 F LBS 39050 S	LB 39050 F LB 39050 S		KBS 39050		KB 39050	KR 39050		PB 39050	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
12Z 4,994 cc 6 cyl 96.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	182.5 100.0 105.8 8.0	Length: Comp. height:	88.0 50.1 -9.3 -16.0	Top: 2nd: oil:	2.0 2.0 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
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NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 39100 F LBS 39100 S	LB 39100 F LB 39100 S	KBS 39100	KB 39100	KR 39100	PB 39100	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин	
13Z 5,244 cc 6 cyl 98.0 mm Bore Ø		Liner/ Sleeve	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	181.5 101.0 107.0 5.0	Length: Comp. height:	94.4 56.5 -6.3 -17.7	Top: 2nd: oil:	2.0 2.0 4.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:	
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	
	LBS 39150 F LBS 39150 S LBS 39150 FA LBS 39150 SA	LB 39150 F LB 39150 S	KBS 39150 KBS 39150 A	KB 39150 KB 39150 A	KR 39150	PB 39150	

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин		
2D 5 Rings 6,494 cc 6 cyl 105.0 mm Bore Ø		Flanged	No flange	Piston		Rings		
		Length: Outside Ø: Flange Ø: Flange depth:	242.0 115.5 120.0 10.0		Length: Comp. height:	138.0 73.0 -8.0 -10.0	Top: 2nd: 3rd: 1st oil: 2nd oil:	3.0 3.0 3.0 5.0 5.0
		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:		
		11461-77015 11461-77040	O-Ring: 90301-99060	13101-77012 13101-77013	13011-77010 13011-77020 13011-77021 13011-77022 13011-77023	90999-70004 90999-70005		
NM-Motorservice Article no./ Artikelnummer/ Modelo número/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:		
	LBS 39200 F	LB 39200 F	KBS 39200	KB 39200	KR 39200	PB 39200		

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
2D 4 Rings		Liner/ Sleeve	Piston		Rings	
6,494 cc 6 cyl 105.0 mm Bore Ø						
						
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
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		Reference no.:	Reference no.:	Reference no.:	Reference no.:	Reference no.:
		11461-77021		13101-77020 13211-77016 13211-77020 13211-77021	13011-77040 13011-77041 13011-77050	90999-73080 90999-73081

ENGINE TYPE Motortyp/ tipo de motor/ тип двигателя	LINER KIT Liner Kit/ camisas de los cilindros/ Лайнер комплект	CYL. LINER Zylinderlaufbuchse/ camisas de los cilindros/ втулка цилиндра	PISTON + RINGS Kolben + Ringe/ Pistón + Anillos/ поршень и кольца	PISTON SET Kolben Set/ Pistón Set/ поршневой	RINGS SET Ring Set/ Anillos Set/ кольца	PIN Pin/ Perno/ Пин
1VD-FTV (L/R)		Liner/ Sleeve	Piston	Alfin and with oil gallery skirt MOS2 treated	Rings	
LAND CRUISER (VDJ200) 2007- 4,461 cc 8 cyl 86.0 mm Bore Ø						
						
NM-Motorservice Article no./ Artikelnummer/ Modelo нúmero/ статья номер	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:	NM-Motorservice Article no.:
	LBS 91500 PB LBS 91500 SB	LB 91500 P LB 91500 S	KBS 91500 B	KB 91500 B	KR 91500	PB 91500
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				13101-0W020 13301-0W010 (L/R)	13011-51031 13011-51040	

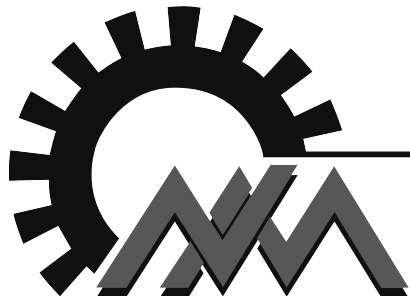






NOTES





NM-Motorservice

Engine Components



Katalog überreicht durch:
Catalogue provided by:



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