



1

# ADVANCED EQUIPMENT

- ① Aluminum pump department
- ② Vertical Machine Center area
- ③ High-speed CNC lathe center



3



4



5



6

- ④ High-pressure Washer
- ⑤ America numerical control honing machine
- ⑥ Full-automatic Vane Sorting machine

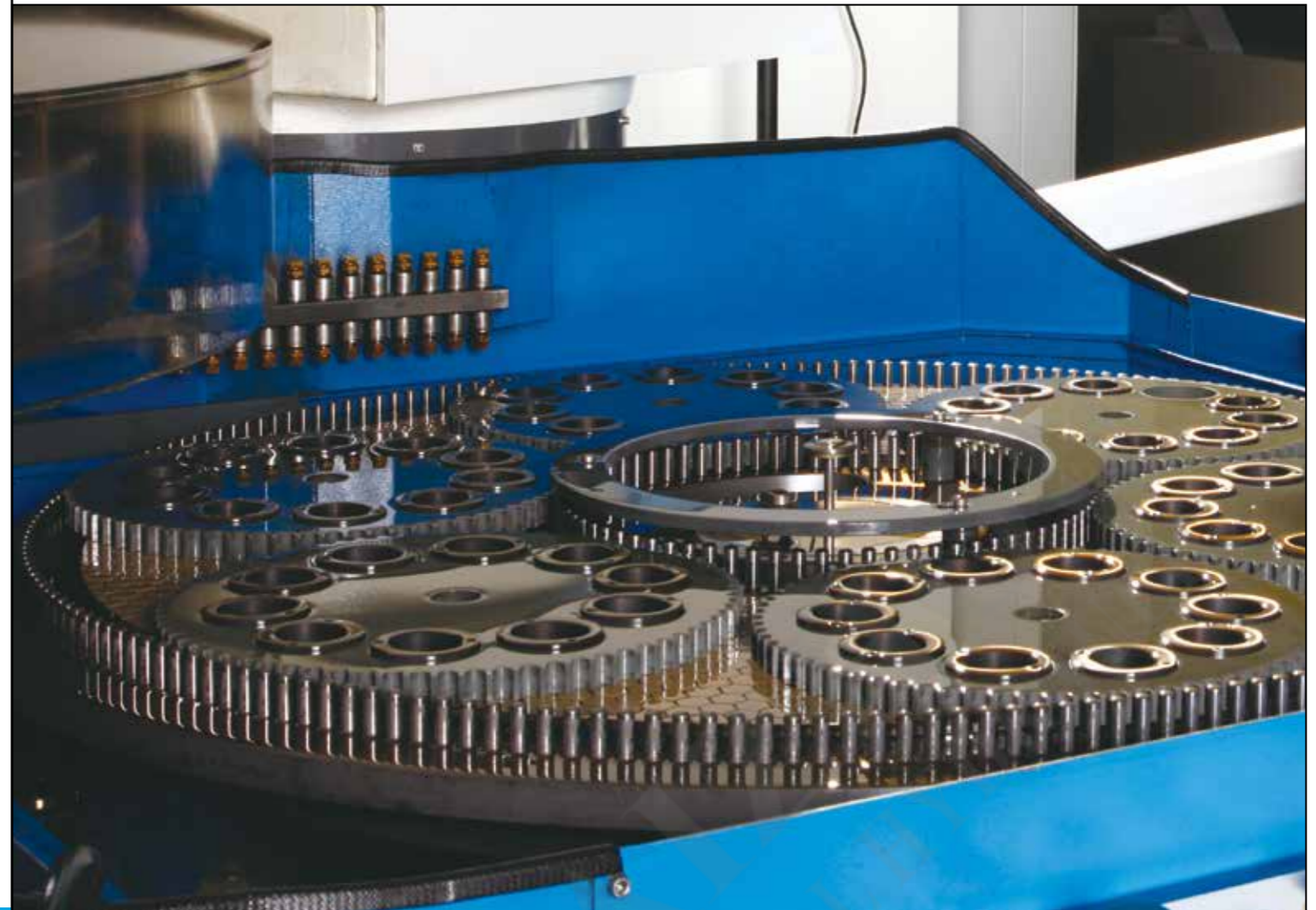


1 R&D Laboratory (Noise reliability testing, Synthetic characteristic testing and high-low temperature intergrated performance testing)

1

# ADVANCED EQUIPMENT

- 2 Heat Treatment Machine From Japan Oriental
- 3 High Precision Double Sides Lapping Machine ( German Peter Wolters )



2



3

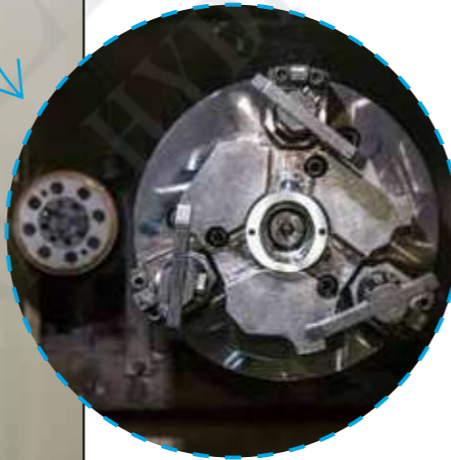
# ADVANCED EQUIPMENT



1 Japan Horizontal High Precision Lapping Machine(Japan)



2 Cam-Profile Grinding Machine (EMAG-NEU-Ulm Maschinen Fabrik GMBH)(Germany)



3 Creep Feed Slot Cutting Machine (MAGERLE AG Maschinenfabrik)(Switzerland)(MAGERLE AG Maschinenfabrik)(Switzerland)



4 Rotor & Cam ring Slot Grinding Machine Area



# ADVANCED EQUIPMENT

- ① 100% Performance Test Bench
- ② Assembly Line



# TESTING EQUIPMENT

1



2



3

- 1 Imaging Precise Mapping NG
- 2 Steel Chemical Elements Analysis (Spark Readable Optical Spectrum Analyzer)
- 3 Metallurgical microscope (vickers hardness tester)

Computerized German Wenzel Coordinate Measuring Machine



# TESTING EQUIPMENT

1 CLEANLINESS AUTO-COUNTING MICROSCOPE (GERMANY Umesa)



1

# CONTENTS

<b>EUROPEAN VEHICLE SERIES</b>	VOLVO	1/4
	SCANIA	4/6
	BENZ	6/11
	MAN	12/14
	IVECO	14/15
	DAF	15/16
	RENAULT	16/21
	FRANCE	21/22
<b>INDIAN VEHICLE SERIES</b>	ASHOK LEYLAND	22/23
	TATA	23/25
	MAHINDRA	25/26
<b>JAPANESE AND KOREAN VEHICLE SERIES</b>	DAEWOO	26/27
	HYUNDAI	27/28
	MITSUBISHI MOTORS	28/31
	HINO	31/34
	ISUZU	34/38
	NISSAN	39/42
	TOYOTA	42/47
	MAZDA	47
<b>RUSSIAN VEHICLE SERIES</b>	KAMAZ	48/49
	RUSSIAN VEHICLE SERIES	49/50
<b>CHINESE VEHICLE SERIES</b>	CHINESE VEHICLE	50/52
<b>AMERICAN VEHICLE SERIES</b>	FORD	52/55
	AMERICAN VEHICLE SERIES	55/75
<b>PASSENGER CAR SERIES</b>		75/82
<b>HYDRAULIC PUMP</b>	RENAULT	82/84
	FIAT	84/87
	DEUTZ	87/88
	FORD	88/89
	MASSEY FERGUSON	89/91
	KOMATSU	91/92
	OTHER	92/99
<b>AUTO POWER STEERING GEAR BOX</b>		99/103
<b>SPARE PARTS</b>		104/106
<b>INSTALLATION STEPS</b>		107/108

1

EUROPEAN  
VEHICLE  
SERIES

FOR  
VOLVO

NO.: ZYB-0021R/134



MANUFACTORY REF No.: 542 0018 10	
OEM REF No.: 3172197/2108161/8159831	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	21.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1516L/197-2



MANUFACTORY REF No.: 7673 955 243	
OEM REF No.: 1089887/8113174	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0016R/134A



MANUFACTORY REF No.: 542 0037 10	
OEM REF No.: 1628208/3172193/8113268	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1419L/197-3



MANUFACTORY REF No.: 7674 955 247	
OEM REF No.: 1605904	
Nominal displacement	21.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-1016L/148



MANUFACTORY REF No.: 7673 955 139	
OEM REF No.: 364642/8001451	
Nominal displacement	17.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0014L/197-4



MANUFACTORY REF No.: 7673 955 963	
OEM REF No.:	
Nominal displacement	17.5ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-13516L/197



MANUFACTORY REF No.: 7673 955 225	
OEM REF No.: 1589231/8001457	
Nominal displacement	17.5ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1216L/198



MANUFACTORY REF No.: 7673 955 213	
OEM REF No.: VOLVO 1587787	
Nominal displacement	17.5ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-13516L/199



MANUFACTORY REF No.: 7673 955 211	
OEM REF No.: 1585013	
Nominal displacement	17.5ml/r
Maximum pressure	135bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1116L/221-2



MANUFACTORY REF No.: 542 0448 10	
OEM REF No.: 3177329	
Nominal displacement	21ml/r
Maximum pressure	110bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-13516R/214



MANUFACTORY REF No.: 7673 955 202	
OEM REF No.: 1589925	
Nominal displacement	17.5ml/r
Maximum pressure	135bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0020R/222



MANUFACTORY REF No.: 542 0426 10	
OEM REF No.: 3172488	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-11514L/214-1



MANUFACTORY REF No.: 7673 955 395	
OEM REF No.: 8113590	
Nominal displacement	17.5ml/r
Maximum pressure	115bar
Highest rotational speed	500-3200r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0016R/222-1



MANUFACTORY REF No.: 542 0425 10	
OEM REF No.: 3172490	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0016R/221



MANUFACTORY REF No.: 542 0434 10	
OEM REF No.: 20350652	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0016R/222-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0020R/221-1



MANUFACTORY REF No.: 542 0007 10	
OEM REF No.: 3172499/8113461 8112342/6795109	
Nominal displacement	17.5ml/r
Maximum pressure	000bar
Highest rotational speed	500-3500r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0020R/222-3



MANUFACTORY REF No.: 542 0426 10	
OEM REF No.: 3172488 Customization	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0016R/241

MANUFACTORY REF No.: 7684 974 704	
OEM REF No.: 3986328	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0017L/535

MANUFACTORY REF No.: 8694 974 505	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	22.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-0024R/241-1

MANUFACTORY REF No.: 7685 974 704	
OEM REF No.: 3986330	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	3200r/min
Controlled flow rate	24.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0017L/535-1

MANUFACTORY REF No.: 8694 974 519	
OEM REF No.: 20453450/742107710	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-1214L/243

MANUFACTORY REF No.: 7673 955 219	
OEM REF No.: 1587788/1591098/1610365	
Nominal displacement	17.5ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0017L/535-1 UP

MANUFACTORY REF No.: 7684 955 763	
OEM REF No.: 85000972/85103704/85114316	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-13516L/248

MANUFACTORY REF No.: 542 0001 10	
OEM REF No.:1082959/3172199/81122863	
Nominal displacement	21.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0017L/535-1 oil pump

MANUFACTORY REF No.:	
OEM REF No.:85103778/2099734/7420997341	
Nominal displacement	3.0ml/r
Maximum pressure	10bar
Highest rotational speed	500-3600r/min
Controlled flow rate	5.0L/min
Fuel feed hole	M16x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-1216R/249

MANUFACTORY REF No.: 7673 955 190	
OEM REF No.: 4786919	
Nominal displacement	17.5ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0024L/535-2

MANUFACTORY REF No.: 7685 955 791	
OEM REF No.: 85103705/85114317	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-2024L/535-3

MANUFACTORY REF No.: 7686 955 729	
OEM REF No.: 24424124/85114318/85000770/85000974	
Nominal displacement	25.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-1315L/130-1

MANUFACTORY REF No.: 7677 955 107	
OEM REF No.: 571366	
Nominal displacement	32.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-00164L/2020

MANUFACTORY REF No.:8694 974 624	
OEM REF No.:	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-0025R/130-2

MANUFACTORY REF No.: 7677 955 108	
OEM REF No.: 571365	
Nominal displacement	32.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0016L/2034

MANUFACTORY REF No.: 7684 974 703	
OEM REF No.: 3987561	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-1325R/130-3

MANUFACTORY REF No.: 7677 955 116	
OEM REF No.:	
Nominal displacement	32.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-13516L/248

MANUFACTORY REF No.: 542 0001 10	
OEM REF No.:1082959/3172199/81122863	
Nominal displacement	21.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0017L/535-1 oil pump

MANUFACTORY REF No.:	
OEM REF No.:85103778/2099734/7420997341	
Nominal displacement	3.0ml/r
Maximum pressure	10bar
Highest rotational speed	500-3600r/min
Controlled flow rate	5.0L/min
Fuel feed hole	M16x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-1216R/249

MANUFACTORY REF No.: 7673 955 190	
OEM REF No.: 4786919	
Nominal displacement	17.5ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0024L/535-2

MANUFACTORY REF No.: 7685 955 791	
OEM REF No.: 85103705/85114317	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

**2** EUROPEAN VEHICLE SERIES FOR SCANIA

NO.: ZYB-1315R/130

MANUFACTORY REF No.: 7677 955 106	
OEM REF No.: 571364/255028	
Nominal displacement	32.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1315L/177

MANUFACTORY REF No.: 7674 955 284	
OEM REF No.: 571370/394443	
Nominal displacement	16.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0015L/177-1



MANUFACTORY REF No.: 7674 955 217	
OEM REF No.: 571370	
Nominal displacement	16.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3000r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1016R/268-2



MANUFACTORY REF No.:	
OEM REF No.: 542 0441 10(LH2107703)	
Nominal displacement	21.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0016R/228



MANUFACTORY REF No.: 542 0013 10	
OEM REF No.: 1333790/1457710	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0016L/397



MANUFACTORY REF No.: 542 0004 10	
OEM REF No.: 1571394/1305349	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: NZYB-0022R/228-1



MANUFACTORY REF No.: 542 0012 10	
OEM REF No.: 1332653/1457711/2106214	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3000r/min
Controlled flow rate	22.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1316L/397-1



MANUFACTORY REF No.: 542 0003 10	
OEM REF No.: 1123465/571393	
Nominal displacement	21.0ml/r
Maximum pressure	130bar
Highest rotational speed	3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0021R/268



MANUFACTORY REF No.: 542 0010 10	
OEM REF No.: 1421273/571435/1324223/1457709	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	21.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0021L/397-2



MANUFACTORY REF No.: 542 0005 10	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	21.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M10x1.5-6H
Direction of rotation	Left

NO.: ZYB-0016R/268-1



MANUFACTORY REF No.: 542 0008 10	
OEM REF No.: 1421272/1457708/1308495	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	600-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0016R/399



MANUFACTORY REF No.: 7685 955 787	
OEM REF No.: 1504006/1371404	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1416R/399-1



MANUFACTORY REF No.:	
OEM REF No.: 7685 955 956	
Nominal displacement	21.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0015L/93D



MANUFACTORY REF No.: 7684 955 921	
OEM REF No.: 712C/914C/1215C	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1325L/679



MANUFACTORY REF No.: 7677 955 129	
OEM REF No.: V8/300130	
Nominal displacement	34.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-0015L/93D1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

# 3

## EUROPEAN VEHICLE SERIES

FOR  
BENZ

NO.: ZYB-1225R/93-8



MANUFACTORY REF No.: 7685 955 134	
OEM REF No.: 001 460 2880	
Nominal displacement	25.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1016R/93



MANUFACTORY REF No.: 7684 955 198	
OEM REF No.: 001 466 4301/000 460 6680	
Nominal displacement	17.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0020L/93-10



MANUFACTORY REF No.: 7685 955 164	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-0917R/93A1



MANUFACTORY REF No.: 7684 955 190	
OEM REF No.: 002 460 7580	
Nominal displacement	17.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-3500r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1816L/93-11



MANUFACTORY REF No.:	
OEM REF No.: 001 460 3080	
Nominal displacement	17.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-0021L/93-12

MANUFACTORY REF No.: 7685 955 908	
OEM REF No.: A4574600280	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-1016R/167-5

MANUFACTORY REF No.: 7673 955 128	
OEM REF No.:	
Nominal displacement	15.77ml/r
Maximum pressure	100bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M25x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1016R/132

MANUFACTORY REF No.: 7673 955 116	
OEM REF No.: 000 466 6701	
Nominal displacement	16.6ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0708L/168

MANUFACTORY REF No.: 91102H	
OEM REF No.: 310/312/412 MAXION	
Nominal displacement	8.5ml/r
Maximum pressure	70bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.3
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1216R/157

MANUFACTORY REF No.: 7673 955 534	
OEM REF No.: 001 466 1301	
Nominal displacement	16.6ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1008L/168-1

MANUFACTORY REF No.: 7691 955 910	
OEM REF No.: Sprinter	
Nominal displacement	8.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.3
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1015R/167-1

MANUFACTORY REF No.: 7673 955 908	
OEM REF No.: 345 466 0001	
Nominal displacement	17.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1009L/168-2

MANUFACTORY REF No.: 7691 955 921	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17.3
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1012R/167-4

MANUFACTORY REF No.: 7673 955 127	
OEM REF No.: 000 466 7101	
Nominal displacement	15.77ml/r
Maximum pressure	100bar
Highest rotational speed	500-3500r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1820R/192A

MANUFACTORY REF No.: 542 0047 10	
OEM REF No.: 001 460 3080/002 460 0880/002 460 3980 actros	
Nominal displacement	18.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1820R/192-1

MANUFACTORY REF No.: 542 0048 10	
OEM REF No.: 001 460 3180 /001 460 5280 actros	
Nominal displacement	18.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1012R/200-1

MANUFACTORY REF No.: 7673 955 125	
OEM REF No.: 000 466 7001	
Nominal displacement	17.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1820R/192-1A

MANUFACTORY REF No.: 542 0453 10	
OEM REF No.: 002 460 8880/003 460 4980 actros	
Nominal displacement	25.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1010R/200-2

MANUFACTORY REF No.: 7673 955 913	
OEM REF No.:	
Nominal displacement	17.5ml/r
Maximum pressure	100bar
Highest rotational speed	3200r/min
Controlled flow rate	10.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1825R/192-3A

MANUFACTORY REF No.: 542 0454 10	
OEM REF No.: 003 460 0380/003 460 5280/003 460 5580	
Nominal displacement	25.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-4000r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

NO.: ZYB-0715R/200-3

MANUFACTORY REF No.: 7673 955 933	
OEM REF No.:	
Nominal displacement	17.5ml/r
Maximum pressure	70bar
Highest rotational speed	500-3200r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0014R/195-1

MANUFACTORY REF No.: 7673 955 214	
OEM REF No.: 001 466 3901	
Nominal displacement	16.5ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-08519R/200-4

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	17.5ml/r
Maximum pressure	85bar
Highest rotational speed	500-3200r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1013R/200

MANUFACTORY REF No.: 7673 955 554	
OEM REF No.: 001 466 2701	
Nominal displacement	17.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	13.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0016R/220-1

MANUFACTORY REF No.: 7673 955 545	
OEM REF No.: A001 466 4001	
Nominal displacement	18ml/r
Maximum pressure	000bar
Highest rotational speed	500-3500r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0016L/254

MANUFACTORY REF No.: 7684 955 121	
OEM REF No.:	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-15518R/277-3

MANUFACTORY REF No.: 542 0050 10	
OEM REF No.: 001 460 7280/001 460 6880/002 460 6480	
Nominal displacement	21 ml/r
Maximum pressure	155bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1516L/275

MANUFACTORY REF No.: 7685 955 247	
OEM REF No.: 002 460 1580/002 460 4980	
Nominal displacement	21.0ml/r
Maximum pressure	15MPa
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0018R/277-4

MANUFACTORY REF No.: 542 0051 10	
OEM REF No.: 001 460 7080/001 460 7180/002 460 6580	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1816L/275-4

MANUFACTORY REF No.: 7685 955 251	
OEM REF No.: A002 460 5180	
Nominal displacement	21.0ml/r
Maximum pressure	18MPa
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-1816L/277-12

MANUFACTORY REF No.: 542 0092 10	
OEM REF No.: 002 460 1580	
Nominal displacement	21.0ml/r
Maximum pressure	18MPa
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1519L/275-5

MANUFACTORY REF No.: 7685 955 249	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-0012L/277-13

MANUFACTORY REF No.: 542 0049 10	
OEM REF No.: 001 460 8080	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1017R/277-1

MANUFACTORY REF No.: 542 0032 10	
OEM REF No.: 001 466 1801/002 460 7680/001 460 6080	
Nominal displacement	17.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0017L/348

MANUFACTORY REF No.: 7684 955 139	
OEM REF No.: 001 460 4480	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0017L/348-1

MANUFACTORY REF No.: 7684 955 913	
OEM REF No.: 001 460 8480	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0016L/501

MANUFACTORY REF No.: 7684 955 911	
OEM REF No.: A376 466 7801	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0017R/348-2

MANUFACTORY REF No.: 7684 955 903	
OEM REF No.: OH 1628L/0-400UPA	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1316L/501-1

MANUFACTORY REF No.: 7684 955 955	
OEM REF No.: A002 460 5580/A000 460 5580	
Nominal displacement	17.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0017L/348-3

MANUFACTORY REF No.:	
OEM REF No.: 002 460 1380/768 495 5915	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0021R/558

MANUFACTORY REF No.: 7677 955 201	
OEM REF No.: 001 460 0580	
Nominal displacement	34.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	21.0L/min
Fuel feed hole	M33x2
Fuel discharge hole	M22x1.5
Direction of rotation	Right

NO.: ZYB-1117R/348-4

MANUFACTORY REF No.: 7684 955 904	
OEM REF No.:	
Nominal displacement	17.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

NO.: ZYB-0021R/558-1

MANUFACTORY REF No.: 7677 955 163	
OEM REF No.: 001 466 7601	
Nominal displacement	34.0ml/r
Maximum pressure	000bar
Highest rotational speed	3200r/min
Controlled flow rate	21.0L/min
Fuel feed hole	M33x2
Fuel discharge hole	M22x1.5
Direction of rotation	Right

NO.: ZYB-0811R/420

MANUFACTORY REF No.: 542 0038 10/7673 955 113	
OEM REF No.: 000 466 5001	
Nominal displacement	17.5ml/r
Maximum pressure	80bar
Highest rotational speed	600-3600r/min
Controlled flow rate	11.0L/min
Fuel feed hole	M18x1.5
Fuel discharge hole	5/8-18UNF-2B
Direction of rotation	Right

NO.: ZYB-0020L/604

MANUFACTORY REF No.: ZF 7673 955 984	
OEM REF No.: BENZ 3764 667 501	
Nominal displacement	17.5ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-1208R/636

MANUFACTORY REF No.: 7692 900 510/530	
OEM REF No.: 003 466 7201/002 466 7601/002 466 7501	
Nominal displacement	12.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1816L/802

MANUFACTORY REF No.:	
OEM REF No.: 003 460 6180	
Nominal displacement	21.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-3900r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0018R/719

MANUFACTORY REF No.: 8695 955 147	
OEM REF No.: A003 460 1980/002 460 3980	
Nominal displacement	21.0ml/r
Maximum pressure	200bar
Highest rotational speed	3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1808L/802-1

MANUFACTORY REF No.:	
OEM REF No.: 003 460 6080	
Nominal displacement	15.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3900r/min
Controlled flow rate	8.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0018R/719-1

MANUFACTORY REF No.: 8695 955 149	
OEM REF No.: 003 460 2280	
Nominal displacement	18.0ml/r
Maximum pressure	200bar
Highest rotational speed	3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1816L/802-2

MANUFACTORY REF No.:	
OEM REF No.: 003 460 6280	
Nominal displacement	25.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-3900r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0024R/719-2

MANUFACTORY REF No.: 8696 955 112	
OEM REF No.: 003 460 2180	
Nominal displacement	25.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

NO.: ZYB-1825L/802-3

MANUFACTORY REF No.:	
OEM REF No.: 003 460 6380	
Nominal displacement	28.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-3900r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0018R/719 Oil Pump

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	5.0ml/r
Maximum pressure	10bar
Highest rotational speed	500-3500r/min
Controlled flow rate	5.0L/min
Fuel feed hole	M16x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1106R/897

MANUFACTORY REF No.:	
OEM REF No.: Sprinter	
Nominal displacement	9.6ml/r
Maximum pressure	110bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	
Fuel discharge hole	M16x1.5
Direction of rotation	Right

4 EUROPEAN VEHICLE SERIES FOR MAN

NO.: ZYB-0016L/93-19

MANUFACTORY REF No.: 7685 955 181	
OEM REF No.: 81.47101.6136	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-1620R/93-7

MANUFACTORY REF No.: 7685 955 184	
OEM REF No.: 81.47101.6182	
Nominal displacement	21.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0012R/93A3

MANUFACTORY REF No.: 7684 955 148	
OEM REF No.: 81.47101.6163	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1816R/93-13

MANUFACTORY REF No.: 7685 955 347	
OEM REF No.: 81.47101.6219	
Nominal displacement	21.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

NO.: ZYB-1516R/156

MANUFACTORY REF No.: 7685 955 102	
OEM REF No.: 81.47101.6137	
Nominal displacement	20.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-17525L/93-14

MANUFACTORY REF No.: 7686 955 113	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	175bar
Highest rotational speed	500-3500r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-1516R/158

MANUFACTORY REF No.: 7685 955 180	
OEM REF No.: 81.47101.6137	
Nominal displacement	20.0ml/r
Maximum pressure	150MPa
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-16520R/93-17

MANUFACTORY REF No.: 542 0439 10	
OEM REF No.: 81.47101.6186	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1516L/158-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-1516L/160

MANUFACTORY REF No.: 7674 955 519	
OEM REF No.: 81.47101.6031	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-1516R/160-1

MANUFACTORY REF No.: 7674 955 519	
OEM REF No.: 81.47101.6031	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1516R/275-2

MANUFACTORY REF No.: 7685 955 152	
OEM REF No.: 81.47101.6189	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1516L/275-3

MANUFACTORY REF No.: 7685 955 153	
OEM REF No.: 81.47101.6190	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-1516R/275-7

MANUFACTORY REF No.:	
OEM REF No.: Customization	
Nominal displacement	21.0ml/r
Maximum pressure	150 ± 5bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

NO.: ZYB-0017L/277

MANUFACTORY REF No.: 542 0042 10	
OEM REF No.: 81.47101.6140	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0017R/277-5

MANUFACTORY REF No.: 542 0023 10	
OEM REF No.: 81.47101.6122/81.47101.6162	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0017L/277-8

MANUFACTORY REF No.: 542 0022 10	
OEM REF No.: 81.47101.6140	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-1316R/277-10

MANUFACTORY REF No.: 542 0067 10 / 7685 955 154	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-16516L/277-11

MANUFACTORY REF No.: LH2115657	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-0018R/407-1

MANUFACTORY REF No.:	
OEM REF No.: 7685 955 180/81.47101.6137	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

NO.: ZYB-0018L/229

MANUFACTORY REF No.: 7673 955 322	
OEM REF No.: 4833411	
Nominal displacement	17.5ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0016L/229-1

MANUFACTORY REF No.: 7673 955 294	
OEM REF No.: 4831152	
Nominal displacement	17.5ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

# 5

## EUROPEAN VEHICLE SERIES

FOR  
IVECO

NO.: ZYB-1212R/131

MANUFACTORY REF No.: 7672 955 253	
OEM REF No.:	
Nominal displacement	15.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0018R/230

MANUFACTORY REF No.: 7674 955 232	
OEM REF No.: 42498096/4708327	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1016L/166

MANUFACTORY REF No.: 7685 900 103	
OEM REF No.: 4896314	
Nominal displacement	17.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0015L/365

MANUFACTORY REF No.: 7673 955 311	
OEM REF No.: 42521697	
Nominal displacement	16.0ml/r
Maximum pressure	000bar
Highest rotational speed	600-3500r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-1311R/195-3

MANUFACTORY REF No.: 7672 955 253	
OEM REF No.:	
Nominal displacement	14.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3500r/min
Controlled flow rate	11.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1007L/421

MANUFACTORY REF No.: 7683 955 114	
OEM REF No.: FIAT(DUCATO)	
Nominal displacement	15.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	7.0L/min
Fuel feed hole	M18x1.5
Fuel discharge hole	M14x1.5
Direction of rotation	Left

NO.: ZYB-1009L/421-1

MANUFACTORY REF No.: 7683 955 126	
OEM REF No.: DAILY/RENAULT 500327378	
Nominal displacement	15.0ml/r
Maximum pressure	100bar
Highest rotational speed	3600r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M18x1.5-6H
Fuel discharge hole	M14x1.5-6H
Direction of rotation	Left

NO.: ZYB-0008L/166-2

MANUFACTORY REF No.: 7684 900 111	
OEM REF No.: 1401813	
Nominal displacement	15.0ml/r
Maximum pressure	000bar
Highest rotational speed	3200r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-16525L/538-1

MANUFACTORY REF No.: 7688 955 505	
OEM REF No.: 41211093	
Nominal displacement	30.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3200r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-0018L/166-3

MANUFACTORY REF No.: 7685 900 104	
OEM REF No.: 1401926	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-0018L/594

MANUFACTORY REF No.: 8695 955 116	
OEM REF No.: 41211223	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-1418L/176

MANUFACTORY REF No.: 7672 955 287	
OEM REF No.: 526663	
Nominal displacement	16.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

**6** EUROPEAN VEHICLE SERIES FOR DAF

NO.: ZYB-0017L/176-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	15.77ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	17.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1016L/151

MANUFACTORY REF No.: 7673 955 217	
OEM REF No.: 647602	
Nominal displacement	17.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	ZM18
Direction of rotation	Left

NO.: ZYB-0016L/227

MANUFACTORY REF No.: 7674 955 207	
OEM REF No.: 624702	
Nominal displacement	18.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-1314L/227-1

MANUFACTORY REF No.: 7673 955 227	
OEM REF No.: 1401813	
Nominal displacement	16ml/r
Maximum pressure	130bar
Highest rotational speed	600-3200r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0020L/783

MANUFACTORY REF No.: 7685 955 331	
OEM REF No.: 1797652	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	3500r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-1016L/227-2

MANUFACTORY REF No.: 7673 955 217	
OEM REF No.:	
Nominal displacement	16.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0020L/783-1

MANUFACTORY REF No.: 8695 955 139	
OEM REF No.: 1687826	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	3500r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-0016L/269

MANUFACTORY REF No.: 542 0014 10	
OEM REF No.: 1291227/1239411	
Nominal displacement	14.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: CB-B5L/1040

MANUFACTORY REF No.:	
OEM REF No.: 1695495	
Nominal displacement	5.0ml/r
Maximum pressure	10bar
Highest rotational speed	500-3500r/min
Controlled flow rate	5.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-0018L/269-2

MANUFACTORY REF No.: LH2110004	
OEM REF No.: 1375507/542 0433 10	
Nominal displacement	14.0ml/r
Maximum pressure	000bar
Highest rotational speed	3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

**7** EUROPEAN VEHICLE SERIES FOR RENAULT


NO.: ZYB-0025L/269-3

MANUFACTORY REF No.: LH2112069	
OEM REF No.: 1450054/542 0442 10	
Nominal displacement	25.0ml/r
Maximum pressure	000bar
Highest rotational speed	3600r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-0906R/180-5


MANUFACTORY REF No.:	
OEM REF No.: 777 004173 08 RENAULT MEGANE	
Nominal displacement	14.5ml/r
Maximum pressure	90bar
Highest rotational speed	500-5000r/min
Controlled flow rate	6.5L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0018R/370-5**



MANUFACTORY REF No.: 5010 5578 13	
OEM REF No.: Renault	
Nominal displacement	25.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0907R/840A**



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9.3ml/r
Maximum pressure	90bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ19.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-1207R/533-2**




MANUFACTORY REF No.: 7691 955 371	
OEM REF No.: 8201183788 Renault Master II	
Nominal displacement	8.5ml/r
Maximum pressure	120bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0807R/840-1**



MANUFACTORY REF No.:	
OEM REF No.: 267020719 FIAT/RENAULT	
Nominal displacement	6.88ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0806R/632-2**



MANUFACTORY REF No.: 770431286/770431286	
OEM REF No.: RENAULT 7700840105/Clio/KanGoo	
Nominal displacement	9.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0808R/840-2**



MANUFACTORY REF No.: 19724	
OEM REF No.: VW-GOL-97	
Nominal displacement	11.3ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0018R/828**



MANUFACTORY REF No.:	
OEM REF No.: 5010 557 101	
Nominal displacement	25.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0908R/840-3**



MANUFACTORY REF No.: 19725	
OEM REF No.: Ford-ROGALE	
Nominal displacement	9.4ml/r
Maximum pressure	90bar
Highest rotational speed	500-8000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0807R/840**




MANUFACTORY REF No.:	
OEM REF No.: 55186707/7668650/46406954	
Nominal displacement	6.88ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-1006R/840-4**



MANUFACTORY REF No.: 19727	
OEM REF No.: GM-VECTRA	
Nominal displacement	9.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-8000r/min
Controlled flow rate	6.2L/min
Fuel feed hole	Φ13.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0806R/840-5**



MANUFACTORY REF No.: 19731	
OEM REF No.: PALIO-SIENA	
Nominal displacement	6.88ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**ZYB-0907R/863**



MANUFACTORY REF No.: 7700431286 /7700431283	
OEM REF No.: 26077782-RP Penault Clio	
Nominal displacement	9.3ml/r
Maximum pressure	90bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-09506R/840-6**




MANUFACTORY REF No.: 19745	
OEM REF No.: FOX/POJO	
Nominal displacement	6.8ml/r
Maximum pressure	95bar
Highest rotational speed	500-8000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**ZYB-0905R/863-1**




MANUFACTORY REF No.: 19849	
OEM REF No.: Renault Megare	
Nominal displacement	9.3ml/r
Maximum pressure	90bar
Highest rotational speed	500-8000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0807R/857**




MANUFACTORY REF No.: 19738	
OEM REF No.: FIAT-PALIO	
Nominal displacement	6.88ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**ZYB-0905R/863-2**




MANUFACTORY REF No.: 28240751/7700419117	
OEM REF No.: 8200246248 RENAULT LOGANE	
Nominal displacement	9.3ml/r
Maximum pressure	90bar
Highest rotational speed	500-8000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**NO.: ZYB-0807R/857-1**



MANUFACTORY REF No.: 19711	
OEM REF No.: PALIO-DOBLE	
Nominal displacement	6.88ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

**ZYB-08506R/896**




MANUFACTORY REF No.: 19836	
OEM REF No.: Fiesta 1.0/1.6	
Nominal displacement	6.8ml/r
Maximum pressure	85bar
Highest rotational speed	500-8000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M16x1.5
Direction of rotation	Right

**NO.: ZYB-0909L/858**



MANUFACTORY REF No.: 19719	
OEM REF No.: S-10 MOTOR 2.5 TOI	
Nominal displacement	11.3ml/r
Maximum pressure	90bar
Highest rotational speed	500-5000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

**ZYB-07509R/840-7**



MANUFACTORY REF No.: 19720	
OEM REF No.: General Motors S-10	
Nominal displacement	11.3ml/r
Maximum pressure	75bar
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	Right

NO.: ZYB-10510R/840-8

	MANUFACTORY REF No.: TNK145145A/F1000
	OEM REF No.: 22031
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: CLIO 1.0 16V 02/ C/AR/7700419118
	OEM REF No.: 19736
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: 19726
	OEM REF No.: General Motors CELTA
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: ESCORT ZETEC 1.8 16V 97/02
	OEM REF No.: 19743/F5RC-3A674-FA
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: 19733
	OEM REF No.: General Motors BLAZER
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: UNO FIRE 02/7084112
	OEM REF No.: 19761
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: GOL/PARATI 1.0 8/16V 98
	OEM REF No.: 19729/377422155G
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: 19827
	OEM REF No.: FIAT DOBLO
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: ASTRA GL 1.8/2.0 98/ ZAFIRA 01
	OEM REF No.: 19732/93333260/94712152
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: FIESTA 02/ 1.0 SUPERCHARGER
	OEM REF No.: 19838/2565-3A696-CA
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: ECOSPORT MT DURATEC 2.0 03.11.03
	OEM REF No.: 19839/2N15-3A696-BA
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: MONTANA 06/11 CORSA 06/10
	OEM REF No.: 19893/93340929
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: KA 1.0/1.6 ROCAM (SIST ORIG)
	OEM REF No.: 19840/2565-3A696-AA
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: 22030
	OEM REF No.: FORD ESCORT
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: MONTANA 04/06 CORSA 02/05
	OEM REF No.: 19846/93340929
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: 22041
	OEM REF No.: General Motors CELTA
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: CLIO 1.6 16V 02/08 C/S/AR
	OEM REF No.: 19848/7700419117
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: CELTA VHC/AGILE 1.4 09/94704486
	OEM REF No.: 26418
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.: FOCUS 1.8/2.0 01/06 ROCAM
	OEM REF No.: 19888/2M51-3A696-AA
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.:
	OEM REF No.: HINO E0102
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

NO.:

	MANUFACTORY REF No.:	
	OEM REF No.:HOLDEN VECTRA	
	Nominal displacement	
	Maximum pressure	
	Highest rotational speed	
	Controlled flow rate	
	Fuel feed hole	
	Fuel discharge hole	
	Direction of rotation	

8

EUROPEAN  
VEHICLE  
SERIES FOR  
FRANCE

NO.:

	MANUFACTORY REF No.:	
	OEM REF No.: FALCON BA	
	Nominal displacement	
	Maximum pressure	
	Highest rotational speed	
	Controlled flow rate	
	Fuel feed hole	
	Fuel discharge hole	
	Direction of rotation	

NO.: ZYB-0805R/374

	MANUFACTORY REF No.: PEUGEOT ROA	
	OEM REF No.:	
	Nominal displacement	9.0ml/r
	Maximum pressure	80bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ19.4
	Fuel discharge hole	M16x1.5
	Direction of rotation	Right

NO.:

	MANUFACTORY REF No.:	
	OEM REF No.: ISUZU	
	Nominal displacement	
	Maximum pressure	
	Highest rotational speed	
	Controlled flow rate	
	Fuel feed hole	
	Fuel discharge hole	
	Direction of rotation	

NO.: ZYB-07507R/521

	MANUFACTORY REF No.:	
	OEM REF No.: KIA PRIDE	
	Nominal displacement	7.2ml/r
	Maximum pressure	75bar
	Highest rotational speed	7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	M16x1.5
	Fuel discharge hole	M14 x 1.5-6H
	Direction of rotation	Right

NO.:

	MANUFACTORY REF No.: 7930	
	OEM REF No.: TOYOTA HILUX	
	Nominal displacement	11.0ml/r
	Maximum pressure	160bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	Φ20
	Fuel discharge hole	Φ13.6
	Direction of rotation	Right

NO.: ZYB-0805R/562

	MANUFACTORY REF No.:	
	OEM REF No.: Citroen Elysee8V	
	Nominal displacement	9.0ml/r
	Maximum pressure	80bar
	Highest rotational speed	500-8000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ17.5
	Fuel discharge hole	M16x1.5
	Direction of rotation	Right

NO.:

	MANUFACTORY REF No.: FIAT	
	OEM REF No.: TOYOTA CAMRY WITH BRACKET	
	Nominal displacement	11.0ml/r
	Maximum pressure	100bar
	Highest rotational speed	150r/min
	Controlled flow rate	
	Fuel feed hole	Φ20
	Fuel discharge hole	Φ13.6
	Direction of rotation	Left

NO.: ZYB-0805R/562-1

	MANUFACTORY REF No.:	
	OEM REF No.: Citroen Elyseee16V	
	Nominal displacement	9.0ml/r
	Maximum pressure	80bar
	Highest rotational speed	500-8000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ17.5
	Fuel discharge hole	M16x1.5
	Direction of rotation	Right

NO.: ZYB-1005R/562-2A

	MANUFACTORY REF No.:	
	OEM REF No.: PEUGEOT 206/4007 V5	
	Nominal displacement	6.88ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-7500r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ13.5
	Fuel discharge hole	M16x1.5-6H
	Direction of rotation	Right

NO.: ZYB-1005R/824-1

	MANUFACTORY REF No.:	
	OEM REF No.: EF7	
	Nominal displacement	7.2ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-5000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ17.5
	Fuel discharge hole	M16 x 1.5-6H
	Direction of rotation	Right

NO.: ZYB-1006R/562-4

	MANUFACTORY REF No.: 9686525480/4007LP 28240748	
	OEM REF No.: PEUGEOT 4007 V6	
	Nominal displacement	9.0ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-7500r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	Φ13.5
	Fuel discharge hole	M16x1.5-6H
	Direction of rotation	Right

9

INDIAN  
VEHICLE  
SERIES FOR  
ASHOK  
LEYLAND

NO.: ZYB-1007R/562-5

	MANUFACTORY REF No.: 9662129180/4007LT 28247115	
	OEM REF No.: PEUGEOT	
	Nominal displacement	11.3ml/r
	Maximum pressure	80bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	Φ13.5
	Fuel discharge hole	M16x1.5-6H
	Direction of rotation	Right

NO.: ZYB-1212R/133

	MANUFACTORY REF No.: 9686525480 4007LP 28240748	
	OEM REF No.: ASHOK LEYLAND(india)2632 4660 01 11	
	Nominal displacement	15.0ml/r
	Maximum pressure	120bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	12.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M16x1.5
	Direction of rotation	Right

NO.: ZYB-0905R/656-1A

	MANUFACTORY REF No.:	
	OEM REF No.: PEUGEOT 405/4007 1F	
	Nominal displacement	9.0ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-8000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ17.5
	Fuel discharge hole	M16x1.5
	Direction of rotation	Right

NO.: ZYB-1516R/159

	MANUFACTORY REF No.: 7685 955 104	
	OEM REF No.: LEYLAND(UK)	
	Nominal displacement	20.0ml/r
	Maximum pressure	150bar
	Highest rotational speed	500-3600r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M16x1.5
	Direction of rotation	Right

NO.: ZYB-1005R/824

	MANUFACTORY REF No.:	
	OEM REF No.: PEUGEOT 405	
	Nominal displacement	8.5ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-7500r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ17.5
	Fuel discharge hole	M16x1.5-6H
	Direction of rotation	Right

NO.: ZYB-10512R/255

	MANUFACTORY REF No.: F8809210	
	OEM REF No.:ASHOK LEYLAND(india)	
	Nominal displacement	15.0ml/r
	Maximum pressure	120bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	12.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M16x1.5
	Direction of rotation	Right

NO.: ZYB-1518R/255B

MANUFACTORY REF No.: FC900412	
OEM REF No.: ASHOK LEYLAND	
Nominal displacement	20.0ml/r
Maximum pressure	150bar
Highest rotational speed	600-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1525R/93-1

MANUFACTORY REF No.: 7685 955 109	
OEM REF No.: TATA WORLD TRUCK	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3500r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-16525R/334A

MANUFACTORY REF No.: F8802040	
OEM REF No.: ASHOK LEYLAND(india)	
Nominal displacement	25.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-16525L/93-2

MANUFACTORY REF No.: 7679 955 902	
OEM REF No.: TATA WORLD TRUCK	
Nominal displacement	28.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3000r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0012L/405

MANUFACTORY REF No.: HINO	
OEM REF No.:	
Nominal displacement	15.39ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1816L/93-6

MANUFACTORY REF No.: 2885 4660 0104	
OEM REF No.: TATA WORLD TRUCK	
Nominal displacement	21.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-10510L/405-1

MANUFACTORY REF No.:	
OEM REF No.: AL F8320900	
Nominal displacement	15.39ml/r
Maximum pressure	105bar
Highest rotational speed	500-3600r/min
Controlled flow rate	10.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1316L/143

MANUFACTORY REF No.: ID 200714	
OEM REF No.: TATA	
Nominal displacement	16.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-4500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

10

**INDIAN  
VEHICLE  
SERIES**

FOR  
TATA

NO.: ZYB-1009R/146

MANUFACTORY REF No.:	
OEM REF No.: TATA LCV 2641 4680 0143	
Nominal displacement	14.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-4000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1212R/146-1

MANUFACTORY REF No.: 2770 4600 0109	
OEM REF No.:	
Nominal displacement	15.77ml/r
Maximum pressure	120bar
Highest rotational speed	500-3000r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0707R/337A

MANUFACTORY REF No.: 7690 955 412	
OEM REF No.: TATA INDICA 2818 4660 0104	
Nominal displacement	7.2ml/r
Maximum pressure	70bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M14x1.5
Direction of rotation	Right

NO.: ZYB-1212R/167-2

MANUFACTORY REF No.: CUMMINS 6BT	
OEM REF No.: TATA 2770 4660 0110	
Nominal displacement	14.5ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0907R/337A-1

MANUFACTORY REF No.: 10H03-322	
OEM REF No.: TATA VISTA	
Nominal displacement	7.2ml/r
Maximum pressure	90bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M14x1.5-6H
Direction of rotation	Right

NO.: ZYB-1514R/195

MANUFACTORY REF No.: 7673 955 380	
OEM REF No.: TATA	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	500-3200r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1009R/339

MANUFACTORY REF No.: 7613 955 138	
OEM REF No.: TATA LPK 407	
Nominal displacement	8.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17.3
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1009R/195-2

MANUFACTORY REF No.: INDIA 7672 955 274	
OEM REF No.:	
Nominal displacement	14.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1106R/339-1

MANUFACTORY REF No.:	
OEM REF No.: TATA XENON&SAFARI	
Nominal displacement	8.5ml/r
Maximum pressure	113bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17.4
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1514L/196

MANUFACTORY REF No.: 7673 955 304	
OEM REF No.: TATA	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	600-3200r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-08506R/339-1A

MANUFACTORY REF No.: 7613 955 137	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	85bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.2L/min
Fuel feed hole	Φ17.4
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1009R/339-4

MANUFACTORY REF No.: 7613 955 143	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	110bar
Highest rotational speed	7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-16525R/370

MANUFACTORY REF No.: 7673 955 903	
OEM REF No.: TATA WORLD TRUCK	
Nominal displacement	28.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3000r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1816R/370-1

MANUFACTORY REF No.: 7685 955 201	
OEM REF No.:TATA WORLD TRUCK	
Nominal displacement	21.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0014L/422

MANUFACTORY REF No.: 7673 955 802	
OEM REF No.:	
Nominal displacement	18.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0707R/616

MANUFACTORY REF No.: 7690 955 412	
OEM REF No.: TATA INDICA	
Nominal displacement	8.5ml/r
Maximum pressure	70bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.3
Fuel discharge hole	M14x1.5-6H
Direction of rotation	Right

All original numbers of the items,names and illustrations shown in this catalogue are given for comparison and reference only.

11

INDIAN  
VEHICLE  
SERIES  
FOR  
MAHINDRA

NO.: ZYB-0806R/622

MANUFACTORY REF No.: D061-700A	
OEM REF No.: MAHINDRA BOLERO	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0806R/622-1

MANUFACTORY REF No.: D061-700A	
OEM REF No.: MAHINDRA BOLERO(TWO HOLES)	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0706R/622-2

MANUFACTORY REF No.:	
OEM REF No.: D061-700A(QYMA09)	
Nominal displacement	9.6ml/r
Maximum pressure	70bar
Highest rotational speed	600-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0707R/631

MANUFACTORY REF No.: 28142523	
OEM REF No.: MAHINDRA XYLO E4	
Nominal displacement	9.0ml/r
Maximum pressure	70bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0707R/632

MANUFACTORY REF No.: 28254309	
OEM REF No.: MAHINDRA XYLO D2	
Nominal displacement	9.0ml/r
Maximum pressure	70bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0707R/632-1

MANUFACTORY REF No.: 38004243 MHWAK	
OEM REF No.: Mahindra New Scorpio	
Nominal displacement	9.0ml/r
Maximum pressure	70bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0906R/768

MANUFACTORY REF No.:	
OEM REF No.: Old Scorpio	
Nominal displacement	9.6ml/r
Maximum pressure	95bar
Highest rotational speed	500-5000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

12  
JAPANESE  
AND KOREAN  
VEHICLE SERIES  
FOR  
DAEWOO

NO.: ZYB-12518R/116

MANUFACTORY REF No.: 65.47101-6041/65.47101-7029/65.47101-6040	
OEM REF No.: DAEWOO/SUZU	
Nominal displacement	20.0ml/r
Maximum pressure	125bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

All original numbers of the items,names and illustrations shown in this catalogue are given for comparison and reference only.

NO.: ZYB-12518R/153

MANUFACTORY REF No.: 65.47101-7025/65.47101-7017/65.47101-7019	
OEM REF No.: DAEWOO/SUZU 1146/D0846/D2848/D2156	
Nominal displacement	20.0ml/r
Maximum pressure	125bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-12519L/166-1

MANUFACTORY REF No.: 7685 955 282	
OEM REF No.: TATA DAEWOO 34333-00350	
Nominal displacement	21.0ml/r
Maximum pressure	125bar
Highest rotational speed	500-4500r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-12519L/258

MANUFACTORY REF No.: 7685 955 776	
OEM REF No.: TATA DAEWOO 34333-00300	
Nominal displacement	21.0ml/r
Maximum pressure	125bar
Highest rotational speed	500-3500r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-12519R/258-1

MANUFACTORY REF No.: 7685 955 804	
OEM REF No.: TATA DAEWOO 34333-00410	
Nominal displacement	21.0ml/r
Maximum pressure	125bar
Highest rotational speed	500-4500r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-16525L/259

MANUFACTORY REF No.: 7688 955 513	
OEM REF No.: TATA DAEWOO 34333-00370	
Nominal displacement	30.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3200r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-16525L/266

	MANUFACTORY REF No.: 7688 955 508	
	OEM REF No.: DAEWOO	
	Nominal displacement	32.0ml/r
	Maximum pressure	165bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	25.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Left	

NO.: ZYB-16525R/272

	MANUFACTORY REF No.: 7688 955 522	
	OEM REF No.: HYUNDAI	
	Nominal displacement	32.0ml/r
	Maximum pressure	165bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	25.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	3/4-16UNF
Direction of rotation	Right	

NO.: ZYB-0805R/627-2

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	9.6ml/r
	Maximum pressure	80bar
	Highest rotational speed	600-7000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ13.7
	Fuel discharge hole	M12x1.25-6g
Direction of rotation	Right	

NO.: ZYB-07506R/870

	MANUFACTORY REF No.: 57100-1E000	
	OEM REF No.:	
	Nominal displacement	8.5ml/r
	Maximum pressure	75bar
	Highest rotational speed	600-7000r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	Φ17
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right	

**13** JAPANESE AND KOREAN VEHICLE SERIES **FOR HYUNDAI**

NO.: ZYB-0807R/488

	MANUFACTORY REF No.: HYUNDAI	
	OEM REF No.:	
	Nominal displacement	7.2ml/r
	Maximum pressure	80bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	Φ17.5
	Fuel discharge hole	M16x1.5
Direction of rotation	Right	

NO.: ZYB-0805R/627-3

	MANUFACTORY REF No.: 57100-43003	
	OEM REF No.:	
	Nominal displacement	9.6ml/r
	Maximum pressure	80bar
	Highest rotational speed	600-7000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ13.7
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right	

**14** JAPANESE AND KOREAN VEHICLE SERIES **FOR MITSUBISHI**

NO.: ZYB-12509L/93B

	MANUFACTORY REF No.: 7683 955 160	
	OEM REF No.: HYUNDAI 57100-6C000	
	Nominal displacement	15.0ml/r
	Maximum pressure	125bar
	Highest rotational speed	3600r/min
	Controlled flow rate	9.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M16x1.5
Direction of rotation	Left	

NO.: ZYB-1425R/506

	MANUFACTORY REF No.: 57100-75550	
	OEM REF No.:	
	Nominal displacement	34.0ml/r
	Maximum pressure	135bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	25.0L/min
	Fuel feed hole	M33x2
	Fuel discharge hole	M22x1.5
Direction of rotation	Right	

NO.: ZYB-0807R/688

	MANUFACTORY REF No.:	
	OEM REF No.: HYUNDAI SANTAFE2.7	
	Nominal displacement	9.6ml/r
	Maximum pressure	80bar
	Highest rotational speed	7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	Φ16.7
	Fuel discharge hole	M16x1.5
Direction of rotation	Right	

NO.: ZYB-1416R/115

	MANUFACTORY REF No.: 475-03451	
	OEM REF No.: FUSO 6D16	
	Nominal displacement	14.33ml/r
	Maximum pressure	140bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M20x1.5
	Fuel discharge hole	M20x1.5
Direction of rotation	Right	

NO.: ZYB-12517R/154

	MANUFACTORY REF No.: MC826183/475-03520	
	OEM REF No.: FUSO 320/8DC9/6D22/57100-73102	
	Nominal displacement	20.0ml/r
	Maximum pressure	125bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	17.0L/min
	Fuel feed hole	Φ23
	Fuel discharge hole	3/4-16UNF
Direction of rotation	Right	

NO.: ZYB-0807R/613

	MANUFACTORY REF No.: 57100-45210	
	OEM REF No.: 4D31/32	
	Nominal displacement	9.6ml/r
	Maximum pressure	80bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	Φ13.5
	Fuel discharge hole	M14x1.5-6H
Direction of rotation	Right	

NO.: ZYB-0606R/771

	MANUFACTORY REF No.: 57100-02710	
	OEM REF No.: Hyundai Santro	
	Nominal displacement	7.2ml/r
	Maximum pressure	60bar
	Highest rotational speed	500-8000r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	Φ16.7
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right	

NO.: ZYB-1216R/115-1

	MANUFACTORY REF No.: MC092059/475-03479/475-03498	
	OEM REF No.: FUSO 6D16	
	Nominal displacement	14.33ml/r
	Maximum pressure	120bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M20x1.5
	Fuel discharge hole	M20x1.5
Direction of rotation	Right	

NO.: ZYB-1211R/163

	MANUFACTORY REF No.: 57100-6A800	
	OEM REF No.: HYUNDAI	
	Nominal displacement	14.5ml/r
	Maximum pressure	120bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	11.0L/min
	Fuel feed hole	Z3/8
	Fuel discharge hole	M16x1.5
Direction of rotation	Right	

NO.: ZYB-0907R/627

	MANUFACTORY REF No.: 57100-4F100	
	OEM REF No.: HYUNDAI	
	Nominal displacement	9.6ml/r
	Maximum pressure	90bar
	Highest rotational speed	600-7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	Φ17
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right	

NO.: ZYB-0025R/787

	MANUFACTORY REF No.: 7686 955 746	
	OEM REF No.: HYUNDAI 57100-7M500	
	Nominal displacement	25.0ml/r
	Maximum pressure	000bar
	Highest rotational speed	500-3600r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right	

NO.: ZYB-1011L/125

	MANUFACTORY REF No.: MC811879/475-03423/MC092058/475-03478	
	OEM REF No.: FUSO 6D14/6D15	
	Nominal displacement	13.0ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	11.0L/min
	Fuel feed hole	M20x1.5
	Fuel discharge hole	M20x1.5
Direction of rotation	Left	

NO.: ZYB-1212L/125-1

MANUFACTORY REF No.: MC043047/475-03434/MC826124/475-03428	
OEM REF No.: FUSO 6D14/6D15	
Nominal displacement	13.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M20x1.5
Fuel discharge hole	M20x1.5
Direction of rotation	Left

NO.: ZYB-07507R/512

MANUFACTORY REF No.: 4D56-L200	
OEM REF No.: MITSUBISHI MB501385/501281	
Nominal displacement	9.6ml/r
Maximum pressure	75bar
Highest rotational speed	600-8500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ13.5
Fuel discharge hole	Φ15.2
Direction of rotation	Right

NO.: ZYB-1009L/125-2

MANUFACTORY REF No.:	
OEM REF No.: FUSO 6D14/6D15	
Nominal displacement	13.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M20x1.5
Fuel discharge hole	M20x1.5
Direction of rotation	Left

NO.: ZYB-07507R/512-1

MANUFACTORY REF No.: 4D56-L300	
OEM REF No.: MITSUBISHI	
Nominal displacement	9.6ml/r
Maximum pressure	75bar
Highest rotational speed	600-8500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M12x1.25-6g
Direction of rotation	Right

NO.: ZYB-0906L/240

MANUFACTORY REF No.: 4D33/34	
OEM REF No.: MC093701/081114	
Nominal displacement	9.5ml/r
Maximum pressure	90bar
Highest rotational speed	600-5000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M12x1.25
Direction of rotation	Left

NO.: ZYB-0708R/521-1

MANUFACTORY REF No.: MR374897	
OEM REF No.: L-300 Mitsubishi	
Nominal displacement	8.0ml/r
Maximum pressure	70bar
Highest rotational speed	600-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M12x1.25-6g
Direction of rotation	Right

NO.: ZYB-0906L/240-2

MANUFACTORY REF No.: MK383006/4D34T	
OEM REF No.: NEW CANTER	
Nominal displacement	9.5ml/r
Maximum pressure	90bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M12x1.25-6H
Direction of rotation	Left

NO.: ZYB-08095R/521-2

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0706R/384

MANUFACTORY REF No.: 4D32	
OEM REF No.: OLD CANTER 57100-5H000/57100-45210 MB563690	
Nominal displacement	9.2ml/r
Maximum pressure	70bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M12x1.25
Direction of rotation	Right

NO.: ZYB-1117R/526

MANUFACTORY REF No.: FUSO 6D22T	
OEM REF No.: MITSUBISHI MC803817/827925	
Nominal displacement	2x14.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ23.7
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1317L/526-2

MANUFACTORY REF No.: MC037687	
OEM REF No.: 6D40/MR992871	
Nominal displacement	2x14ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M20x1.5-6H
Direction of rotation	Left

NO.: ZYB-0705R/650

MANUFACTORY REF No.: Y3K05312	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	70bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ14.3
Fuel discharge hole	M12 x 1.25-6H
Direction of rotation	Right

NO.: ZYB-1317L/534

MANUFACTORY REF No.: 475-03558	
OEM REF No.: MITSUBISHI 6D40	
Nominal displacement	20.52ml/r
Maximum pressure	130bar
Highest rotational speed	625-3200r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M20x1.5-6H
Direction of rotation	Left

NO.: ZYB-0907R/707-1

MANUFACTORY REF No.: 220-24CV	
OEM REF No.: TRITON MR992873T WG2.7	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1314L/614

MANUFACTORY REF No.: 6D40 ROUND TYPE MC093041	
OEM REF No.: MITSUBISHI MOTORS	
Nominal displacement	20.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	14.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M20x1.5-6H
Direction of rotation	Left

NO.: ZYB-0807R/722

MANUFACTORY REF No.: 3642001	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	80bar
Highest rotational speed	6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ13.5
Fuel discharge hole	M12 x 1.25-6H
Direction of rotation	Right

NO.: ZYB-1317L/614-1

MANUFACTORY REF No.: MC082764	
OEM REF No.: 6M70	
Nominal displacement	24.3ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ23.7
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-0807R/722-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ13.5
Fuel discharge hole	M12 x 1.25-6H
Direction of rotation	Right

NO.: ZYB-09507R/648

MANUFACTORY REF No.: MR992871-L200	
OEM REF No.: MIT 4D56U	
Nominal displacement	9.6ml/r
Maximum pressure	95bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0705R/722-3

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	70bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ13.5
Fuel discharge hole	M12x1.25-6H
Direction of rotation	Right

NO.: ZYB-0605R/786

MANUFACTORY REF No.:	
OEM REF No.: 3642002	
Nominal displacement	6.1ml/r
Maximum pressure	60bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16×1.6-6H
Direction of rotation	Right

NO.: ZYB-0907R/856

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16×1.5-6H
Direction of rotation	Right

NO.: ZYB-1007R/818

MANUFACTORY REF No.:	
OEM REF No.: 4D56	
Nominal displacement	9.6ml/r
Maximum pressure	100bar
Highest rotational speed	500-5000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M12×1.25-6g
Direction of rotation	Right

NO.: ZYB-1312L/880

MANUFACTORY REF No.:	
OEM REF No.: MC042228/470 03321	
Nominal displacement	12.8ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M12×1.25-6G
Direction of rotation	Left

NO.: ZYB-0805R/818-1

MANUFACTORY REF No.:	
OEM REF No.: 4M40/MR374895/MR8020	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ16.5
Fuel discharge hole	M12×1.25-6g
Direction of rotation	Right

NO.: ZYB-1215L/886

MANUFACTORY REF No.:	
OEM REF No.: 6M60T	
Nominal displacement	17.96ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Φ19.5
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-0906R/837

MANUFACTORY REF No.:	
OEM REF No.: ME994444	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M12×1.25-6G
Direction of rotation	Right

# 15

JAPANESE AND KOREAN VEHICLE SERIES

FOR HINO

NO.: ZYB-0907L/854

MANUFACTORY REF No.:	
OEM REF No.: TRITON L200	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16×1.5-6H
Direction of rotation	Left

NO.: ZYB-1316L/62

MANUFACTORY REF No.:	
OEM REF No.: HINO J08C	
Nominal displacement	14.33ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M20×1.5
Fuel discharge hole	M16×1.5
Direction of rotation	Left

NO.: ZYB-1316L/62-2

MANUFACTORY REF No.: WITH SCREW HOLE	
OEM REF No.: HINO J08C 44310-2790	
Nominal displacement	20.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16×1.5
Direction of rotation	Left

NO.: ZYB-1008R/162

MANUFACTORY REF No.: 44310-1880/44310-1930	
OEM REF No.: HINO H07C	
Nominal displacement	14.33ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	8.0L/min
Fuel feed hole	M22×1.5
Fuel discharge hole	M16×1.5
Direction of rotation	Right

NO.: ZYB-1316R/62-3

MANUFACTORY REF No.: 44350-1570	
OEM REF No.: HINO J08E	
Nominal displacement	20.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ26.5
Fuel discharge hole	M16×1.5-6H
Direction of rotation	Right

NO.: ZYB-1316R/174

MANUFACTORY REF No.: 44310-1621/44310-1490	
OEM REF No.: HINO EM100/EK 100	
Nominal displacement	16.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M16×1.5
Direction of rotation	Right

NO.: ZYB-08507R/124

MANUFACTORY REF No.: 44310-1901/44310-1881	
OEM REF No.: HINO H06CT/H07D	
Nominal displacement	11.0ml/r
Maximum pressure	85bar
Highest rotational speed	500-3600r/min
Controlled flow rate	7.0L/min
Fuel feed hole	M22×1.5
Fuel discharge hole	M16×1.5
Direction of rotation	Right

NO.: ZYB-10510R/233

MANUFACTORY REF No.: 44300-1670B	
OEM REF No.: HINO EH700	
Nominal displacement	16.0ml/r
Maximum pressure	105bar
Highest rotational speed	500-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	G3/8
Fuel discharge hole	G3/8
Direction of rotation	Right

NO.: ZYB-1112R/124-1

MANUFACTORY REF No.: H07D-H06CT	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3500r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M22×1.5
Fuel discharge hole	M16×1.5
Direction of rotation	Right

NO.: ZYB-12508L/253

MANUFACTORY REF No.: 8B23864 2232	
OEM REF No.: HINO J08C	
Nominal displacement	13.6ml/r
Maximum pressure	125bar
Highest rotational speed	500-3200r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16×1.5
Direction of rotation	Left

NO.: ZYB-1016R/155

MANUFACTORY REF No.: 44300-1641	
OEM REF No.: HINO EF750	
Nominal displacement	18.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M16×1.5
Direction of rotation	Right

NO.: ZYB-0910R/253-2

MANUFACTORY REF No.:	
OEM REF No.: 44310-2231	
Nominal displacement	13.6ml/r
Maximum pressure	90bar
Highest rotational speed	500-3200r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16×1.5-6H
Direction of rotation	Right

NO.: ZCB-1010R/344



MANUFACTORY REF No.: 44310-1901	
OEM REF No.: HINO H07C	
Nominal displacement	8.5ml/r
Maximum pressure	100bar
Highest rotational speed	600-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	M22x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-08085R/367



MANUFACTORY REF No.: 44310-1561	
OEM REF No.: HINO EH700	
Nominal displacement	13.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-3200r/min
Controlled flow rate	8.5L/min
Fuel feed hole	M22x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZCB-0810R/345



MANUFACTORY REF No.: 44310-1903	
OEM REF No.: HINO H07D	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	600-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	M22x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0807R/455



MANUFACTORY REF No.: 44310-1791/44310-1990	
OEM REF No.: EH700AK/H07C BUS	
Nominal displacement	13.6ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	10.0L/min
Fuel feed hole	M22x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZCB-1210R/346



MANUFACTORY REF No.: 44310-1901	
OEM REF No.: HINO AK	
Nominal displacement	8.5ml/r
Maximum pressure	120bar
Highest rotational speed	600-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	M22x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1417R/507



MANUFACTORY REF No.: 44350-1610	
OEM REF No.: P11C(NEW)	
Nominal displacement	28.0ml/r
Maximum pressure	140bar
Highest rotational speed	625-4790r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ27
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-08507R/354



MANUFACTORY REF No.: 44310-2200	
OEM REF No.: H07D	
Nominal displacement	14.33ml/r
Maximum pressure	85bar
Highest rotational speed	500-3200r/min
Controlled flow rate	7.0L/min
Fuel feed hole	M22x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1417R/536



MANUFACTORY REF No.: 44310-E0310	
OEM REF No.: E13C 14714-99020/EV700	
Nominal displacement	28.0ml/r
Maximum pressure	147bar
Highest rotational speed	625-4790r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ29.3
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-08507R/354-1



MANUFACTORY REF No.: W04D	
OEM REF No.: HINO	
Nominal displacement	14.33ml/r
Maximum pressure	85bar
Highest rotational speed	500-3200r/min
Controlled flow rate	7.0L/min
Fuel feed hole	M22x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1420R/551



MANUFACTORY REF No.: 44310-1772	
OEM REF No.: P11C	
Nominal displacement	20.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	Φ23.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1311L/554



MANUFACTORY REF No.: 44350-1340/44350-1341	
OEM REF No.: J05C	
Nominal displacement	14.5ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ29.3
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-0907R/645



MANUFACTORY REF No.:	
OEM REF No.: HINO J05C 44310-1720	
Nominal displacement	13.6ml/r
Maximum pressure	90bar
Highest rotational speed	500-3600r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ25.4
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1311R/554-1



MANUFACTORY REF No.:	
OEM REF No.: E0120/J08E	
Nominal displacement	14.5ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1124R/883



MANUFACTORY REF No.:	
OEM REF No.: HINO 20211-7D10B	
Nominal displacement	28.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	Φ20.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1011R/601-2



MANUFACTORY REF No.:	
OEM REF No.: HINO	
Nominal displacement	15.39ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	G3/8-19
Direction of rotation	Right

NO.: ZYB-1215R/2032



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	20.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Φ29.3
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1324R/603



MANUFACTORY REF No.: 44310-2250	
OEM REF No.: HINO P11C	
Nominal displacement	28.0ml/r
Maximum pressure	130bar
Highest rotational speed	600-4800r/min
Controlled flow rate	24.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

# 16

JAPANESE AND KOREAN VEHICLE SERIES

FOR ISUZU

NO.: ZYB-1524L/603-1



MANUFACTORY REF No.: 44310-2500	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	625-4790r/min
Controlled flow rate	24.0L/min
Fuel feed hole	Φ23.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-08509L/126



MANUFACTORY REF No.: 470-04156	
OEM REF No.: ISUZU 6HH1(2 HOLES)	
Nominal displacement	9.0ml/r
Maximum pressure	85bar
Highest rotational speed	500-3600r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0807L/126-1

MANUFACTORY REF No.: 475-04158	
OEM REF No.: ISUZU 6HH1	
Nominal displacement	9.0ml/r
Maximum pressure	85bar
Highest rotational speed	500-3600r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	G3/8
Direction of rotation	Left

NO.: ZYB-1014R/238

MANUFACTORY REF No.: 44306-1160Q	
OEM REF No.: ISUZU 4BC2(NEW)/4BE1	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ11
Fuel discharge hole	G3/8
Direction of rotation	Right

NO.: ZYB-08511R/142

MANUFACTORY REF No.: 475-04065/475-04080/475-03914/1-19500-371	
OEM REF No.: ISUZU 6BG1 6BD1T	
Nominal displacement	15.77ml/r
Maximum pressure	85bar
Highest rotational speed	500-3200r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1010R/239

MANUFACTORY REF No.: 44306-1160QA	
OEM REF No.: ISUZU 4BD1T /4BC2(OLD)	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	G3/8
Direction of rotation	Right

NO.: ZYB-1318L/170

MANUFACTORY REF No.: 19500-351/475-0524/475-0547	
OEM REF No.: ISUZU 6SA1	
Nominal displacement	20.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-1007R/279

MANUFACTORY REF No.:	
OEM REF No.: 8-97331-940-0	
Nominal displacement	7.2ml/r
Maximum pressure	98bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M12x1.25
Direction of rotation	Right

NO.: ZYB-1320R/202

MANUFACTORY REF No.: 447-03940/475-03923	
OEM REF No.: ISUZU 10PC1/10PB1	
Nominal displacement	27.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1007R/279-1

MANUFACTORY REF No.: 470-03148	
OEM REF No.: 4JA1 8-970849530	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M12x1.25-6G
Direction of rotation	Right

NO.: ZYB-08509L/235

MANUFACTORY REF No.:	
OEM REF No.: ISUZU 6HE1(3 HOLES)	
Nominal displacement	9.0ml/r
Maximum pressure	85bar
Highest rotational speed	500-3200r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-1008L/338

MANUFACTORY REF No.: 897115134	
OEM REF No.: 4HF1 1-897115-135-0	
Nominal displacement	7.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-5000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M12x1.25
Direction of rotation	Left

NO.: ZYB-1008L/338-1

MANUFACTORY REF No.: 897115135	
OEM REF No.:	
Nominal displacement	7.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-5000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M12x1.25
Direction of rotation	Left

NO.: ZYB-1007R/383

MANUFACTORY REF No.: 8973547300	
OEM REF No.: ISUZU 4JG2	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ12.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1007L/338-2

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-5000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M12x1.25
Direction of rotation	Left

NO.: ZYB-0506R/383-1

MANUFACTORY REF No.: 71102H	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	50bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ12.5
Fuel discharge hole	M16x1.5-6G
Direction of rotation	Right

NO.: ZYB-1008L/338-3

MANUFACTORY REF No.: 8-971365970-C	
OEM REF No.: ISUZU	
Nominal displacement	7.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M12x1.25-6G
Direction of rotation	Left

NO.: ZYB-1007R/383-3

MANUFACTORY REF No.:	
OEM REF No.: 4JG2 with pulley	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ12.5
Fuel discharge hole	M16x1.5-6G
Direction of rotation	Right

NO.: ZCB-1210R/347

MANUFACTORY REF No.: 475-04065	
OEM REF No.: ISUZU FTR	
Nominal displacement	8.5ml/r
Maximum pressure	120bar
Highest rotational speed	600-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0606R/412

MANUFACTORY REF No.: 35010	
OEM REF No.: 7K	
Nominal displacement	10.0ml/r
Maximum pressure	60bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ14.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1007R/357

MANUFACTORY REF No.: 8-97084-207-0	
OEM REF No.: ISUZU 4JB1	
Nominal displacement	7.2ml/r
Maximum pressure	98bar
Highest rotational speed	500-5000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1007R/464-3

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	100bar
Highest rotational speed	500-7500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1520R/483

MANUFACTORY REF No.: (Double Cartridge)	
OEM REF No.: ISUZU 10PC1 10PD1/10PE1	
Nominal displacement	2x13.2ml/r
Maximum pressure	150bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-09507R/612-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M12x1.25-6G
Direction of rotation	Right

NO.: ZYB-1007L/522

MANUFACTORY REF No.:	
OEM REF No.: 4HF1 1-89711-513-1/5	
Nominal displacement	9.6ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	Φ15.2
Direction of rotation	Left

NO.: ZYB-09507R/612-2

MANUFACTORY REF No.: ALUMINUM	
OEM REF No.: 4JA1	
Nominal displacement	7.2ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M12x1.25-6G
Direction of rotation	Right

NO.: ZYB-1316L/570

MANUFACTORY REF No.:	
OEM REF No.: 6SD1	
Nominal displacement	26.65ml/r
Maximum pressure	130bar
Highest rotational speed	600-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-1007R/630

MANUFACTORY REF No.: 470-03107	
OEM REF No.: 4JG1	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M16x1.5-6G
Direction of rotation	Right

NO.: ZYB-09507R/593

MANUFACTORY REF No.: ISUZU 4JJ1	
OEM REF No.: 8-97466-694-0	
Nominal displacement	7.2ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	Φ12
Direction of rotation	Right

NO.: ZYB-1317R/727

MANUFACTORY REF No.: 1-19500561-0	
OEM REF No.: ISUZU 6WF1	
Nominal displacement	27.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

NO.: ZYB-09507R/612

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6G
Direction of rotation	Right

NO.: ZYB-0907R/732

MANUFACTORY REF No.: 8970 7887 9051	
OEM REF No.: ISUZU	
Nominal displacement	12.0ml/r
Maximum pressure	90bar
Highest rotational speed	5000r/min
Controlled flow rate	7.5L/min
Fuel feed hole	Φ11
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1015R/792

MANUFACTORY REF No.: 1-19500310-3	
OEM REF No.: ISUZU 6QA1 E120	
Nominal displacement	20.52ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

NO.: ZYB-0605R/885

MANUFACTORY REF No.:	
OEM REF No.: SUZUKI 15E1-190	
Nominal displacement	8.5ml/r
Maximum pressure	60bar
Highest rotational speed	500-7000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ7.7
Fuel discharge hole	M6 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-1015R/830

MANUFACTORY REF No.: 475-03760	
OEM REF No.: E120	
Nominal displacement	15.39ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Rc1-11
Fuel discharge hole	RC1/2-14
Direction of rotation	Right

NO.: ZYB-1007L/887

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ12.5
Fuel discharge hole	M16x1.5-6G
Direction of rotation	Right

NO.: ZYB-1207L/873

MANUFACTORY REF No.: 897258461/475-04961	
OEM REF No.: NPR/4HE1/4HG1	
Nominal displacement	13.34ml/r, 8.5ml/r
Maximum pressure	120bar, 11 ± 0.5Mpa
Highest rotational speed	500-3200r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M12x1.25-6H
Direction of rotation	Left

NO.: ZYB-1007L/887-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ12.5
Fuel discharge hole	M16x1.5-6G
Direction of rotation	Right

NO.: ZYB-1207L/873-1

MANUFACTORY REF No.: 898055007/475-04962/4228	
OEM REF No.:	
Nominal displacement	13.34ml/r, 8.5ml/r
Maximum pressure	120bar, 11 ± 0.5Mpa
Highest rotational speed	500-3200r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M12x1.25-6H
Direction of rotation	Left

NO.: ZYB-1309L/2052

MANUFACTORY REF No.:	
OEM REF No.: 470-04170	
Nominal displacement	12.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	G3/8-19
Direction of rotation	Left

NO.: ZYB-0816R/874

MANUFACTORY REF No.:	
OEM REF No.: 10PB1	
Nominal displacement	15.77ml/r
Maximum pressure	80bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ22.5
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right



17

JAPANESE  
AND KOREAN  
VEHICLE SERIES

FOR  
NISSAN

NO.: ZYB-1210R/117



MANUFACTORY REF No.: 14670-Z5607/470-04422	
OEM REF No.: FE6	
Nominal displacement	12.8ml/r
Maximum pressure	120bar
Highest rotational speed	500-5000r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M20x1.5-6G
Direction of rotation	Right

NO.: ZYB-13518R/152-3



MANUFACTORY REF No.: 14670-96063	
OEM REF No.: NISSAN CW54R/PE6	
Nominal displacement	20.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1110R/117-1



MANUFACTORY REF No.: 14670-Z5572	
OEM REF No.: FE6	
Nominal displacement	12.8ml/r
Maximum pressure	110bar
Highest rotational speed	600-5000r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M16x1.5-6G
Direction of rotation	Right

NO.: ZYB-13518L/152-4



MANUFACTORY REF No.: 14670-97178/475-97361	
OEM REF No.: NISSAN CW54L/RF8	
Nominal displacement	20.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-10511R/127



MANUFACTORY REF No.: 475-03380	
OEM REF No.: NISSAN PE6	
Nominal displacement	13.0ml/r
Maximum pressure	105bar
Highest rotational speed	500-3200r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-13518L/152-5



MANUFACTORY REF No.: QF163	
OEM REF No.: QF163 RE8 CW52/CW53 14670-97178JP	
Nominal displacement	20.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3500r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-13518R/152-1



MANUFACTORY REF No.: 14670-96264/96277	
OEM REF No.: NISSAN CW520R/PF6	
Nominal displacement	20.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-13518R/152-5A



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	20.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3500r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-13518R/165



MANUFACTORY REF No.:	
OEM REF No.: NISSAN	
Nominal displacement	18.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ15
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-10513L/234-4



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	13.2ml/r
Maximum pressure	105bar
Highest rotational speed	500-3200r/min
Controlled flow rate	13.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-10513L/234



MANUFACTORY REF No.: 14670-97163	
OEM REF No.: NISSAN 475-03332	
Nominal displacement	13.2ml/r
Maximum pressure	105bar
Highest rotational speed	500-3200r/min
Controlled flow rate	13.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-10512R/236



MANUFACTORY REF No.: 14570-Z5660/475-04250/475-04345	
OEM REF No.: NISSAN FE6	
Nominal displacement	14.33ml/r
Maximum pressure	105bar
Highest rotational speed	500-3200r/min
Controlled flow rate	12.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	G3/8-19
Direction of rotation	Right

NO.: ZYB-10513L/234-1



MANUFACTORY REF No.: 475-97163	
OEM REF No.: NISSAN	
Nominal displacement	13.2ml/r
Maximum pressure	105bar
Highest rotational speed	500-3200r/min
Controlled flow rate	13.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1216R/237



MANUFACTORY REF No.: 475-04332/14670-95031 CKA-2	
OEM REF No.: CK12/475-04212/14720-95003/NISSAN NE6	
Nominal displacement	14.33ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	G3/8-19
Direction of rotation	Right

NO.: ZYB-10513R/234-2



MANUFACTORY REF No.:	
OEM REF No.: 14670-96264JP	
Nominal displacement	13.2ml/r
Maximum pressure	105bar
Highest rotational speed	500-3200r/min
Controlled flow rate	13.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1216R/246



MANUFACTORY REF No.: 44306-1150B	
OEM REF No.:	
Nominal displacement	14.3ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	G3/8-19
Direction of rotation	Right

NO.: ZYB-10513R/234-3



MANUFACTORY REF No.:	
OEM REF No.: 14670-97367	
Nominal displacement	13.2ml/r
Maximum pressure	105bar
Highest rotational speed	500-3200r/min
Controlled flow rate	13.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1210R/372



MANUFACTORY REF No.: 14670-Z5501	
OEM REF No.: FE6	
Nominal displacement	12.8ml/r
Maximum pressure	120bar
Highest rotational speed	500-5000r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M20x1.5
Direction of rotation	Right

NO.: ZYB-1316R/418

MANUFACTORY REF No.: 14670-Z5560	
OEM REF No.: FE6/CPB15	
Nominal displacement	20.5ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1318R/581-2

MANUFACTORY REF No.: 14670-96413	
OEM REF No.: NISSAN Big Shaft	
Nominal displacement	2x15.8ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ30
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1316R/418A

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	20.5ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-12518L/581-3

MANUFACTORY REF No.: 14670-97310	
OEM REF No.: NISSAN Big Shaft	
Nominal displacement	2x15.8ml/r
Maximum pressure	125bar
Highest rotational speed	3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ30
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-13517R/529

MANUFACTORY REF No.: 14670-97014/475-03027	
OEM REF No.: NISSAN RD8	
Nominal displacement	20.52ml/r
Maximum pressure	135bar
Highest rotational speed	500-3500r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-0807R/598

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	8ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-12518R/581

MANUFACTORY REF No.: 14670-96364	
OEM REF No.: NISSAN Small Shaft	
Nominal displacement	2x15.8ml/r
Maximum pressure	125bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ30
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-0807R/598-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	8ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-12518L/581-1

MANUFACTORY REF No.:	
OEM REF No.: NISSAN Small Shaft	
Nominal displacement	2x15.8ml/r
Maximum pressure	125bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ30
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-0807R/598-2

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	8.0ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M12x1.25-6G
Direction of rotation	Right

NO.: ZYB-1207R/685

MANUFACTORY REF No.: 49110-0T002	
OEM REF No.: NISSAN FD42	
Nominal displacement	9.6ml/r
Maximum pressure	120bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1317R/851

MANUFACTORY REF No.:	
OEM REF No.: 00Z08(NPSK-28037)	
Nominal displacement	28.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ30
Fuel discharge hole	M20x1.5-6G
Direction of rotation	Right

NO.: ZYB-0807R/695

MANUFACTORY REF No.: 49110-2BA02	
OEM REF No.: NISSAN FRONTIER	
Nominal displacement	12.0ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0808L/853

MANUFACTORY REF No.: Lfv30(LH2113383 25A06)	
OEM REF No.: NISSAN 49110BA0A	
Nominal displacement	11.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-1317R/775

MANUFACTORY RGB No.: RG8/475-03296/14670-97403	
OEM REF No.: NISSAN	
Nominal displacement	27.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ30
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

# 18

JAPANESE AND KOREAN VEHICLE SERIES

FOR TOYOTA

NO.: ZYB-1319L/796

MANUFACTORY REF No.: 475-03258/14670-ND018	
OEM REF No.: NISSAN RF10	
Nominal displacement	20.52ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	19.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-08507R/140

MANUFACTORY REF No.: 44320-60220	
OEM REF No.: TOYOTA LANDCRUISER	
Nominal displacement	14.33ml/r
Maximum pressure	85bar
Highest rotational speed	500-3600r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ22
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0806R/834

MANUFACTORY REF No.:	
OEM REF No.: NISSAN	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-1109R/140-1

MANUFACTORY REF No.: 44320-60171/44320-36240	
OEM REF No.: 1HZ	
Nominal displacement	14.33ml/r
Maximum pressure	110bar
Highest rotational speed	500-3600r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ22
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1009R/140-1A



MANUFACTORY REF No.:	
OEM REF No.: Customization	
Nominal displacement	13.6ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ22
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1007R/352



MANUFACTORY REF No.: 44320-87304	
OEM REF No.: TOYOTA 14B/44310-37070/44320-36250	
Nominal displacement	14.33ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ22
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0705R/262



MANUFACTORY REF No.:	
OEM REF No.: 2L 475-3901/44320-35251/44320-35441	
Nominal displacement	11.0ml/r
Maximum pressure	70bar
Highest rotational speed	500-5000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0807R/352-1



MANUFACTORY REF No.:	
OEM REF No.: 14B	
Nominal displacement	14.33ml/r
Maximum pressure	80bar
Highest rotational speed	500-3600r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ22
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0705R/262-1



MANUFACTORY REF No.:	
OEM REF No.: 2L	
Nominal displacement	11.0ml/r
Maximum pressure	70bar
Highest rotational speed	600-7000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ17.8
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1007R/352-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.33ml/r
Maximum pressure	100bar
Highest rotational speed	3200r/min
Controlled flow rate	7.5L/min
Fuel feed hole	Φ22
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0705R/262-2



MANUFACTORY REF No.: 2L	
OEM REF No.: TOYOTA	
Nominal displacement	11.0ml/r
Maximum pressure	70bar
Highest rotational speed	600-7000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ17.8
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/489



MANUFACTORY REF No.: 44310-35610	
OEM REF No.: TOYOTA HILUX 1KD	
Nominal displacement	7.2ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0705R/263



MANUFACTORY REF No.: 44320-87601/4753102	
OEM REF No.: DAIHATSHU	
Nominal displacement	11.0ml/r
Maximum pressure	70bar
Highest rotational speed	500-5000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0807R/489A



MANUFACTORY REF No.: 44310-0K040	
OEM REF No.: ORIGINAL TYPE	
Nominal displacement	7.2ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0809R/572



MANUFACTORY REF No.: 44320-60300	
OEM REF No.: TOYOTA LANDCRUISER	
Nominal displacement	10.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0809R/584



MANUFACTORY REF No.: 44320-60370	
OEM REF No.: TOYOTA 1FZ	
Nominal displacement	12.8ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0809R/572-1



MANUFACTORY REF No.: 44320-60182	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1011R/601-1



MANUFACTORY REF No.: 475-04165	
OEM REF No.: TOYOTA	
Nominal displacement	13.34ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0909R/572-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-07506R/602



MANUFACTORY REF No.: 44320-26073	
OEM REF No.: TOYOTA 3L(18T)	
Nominal displacement	9.6ml/r
Maximum pressure	75bar
Highest rotational speed	500-5500r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0705R/580



MANUFACTORY REF No.: 44320-14111	
OEM REF No.: HILUX2.8	
Nominal displacement	11.0ml/r
Maximum pressure	70bar
Highest rotational speed	600-7000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ17.6
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-07506R/602A



MANUFACTORY REF No.:	
OEM REF No.: TOYOTA 3L-1(17T)	
Nominal displacement	9.6ml/r
Maximum pressure	75bar
Highest rotational speed	5500r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0905R/580-1



MANUFACTORY REF No.:	
OEM REF No.: HILUX 2.8/44320-35251	
Nominal displacement	11.0ml/r
Maximum pressure	90bar
Highest rotational speed	600-7000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0905R/602-1



MANUFACTORY REF No.: Y9B 01602	
OEM REF No.: TOYOTA 3L	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	500-5500r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/602-1A

MANUFACTORY REF No.: 44320-26070	
OEM REF No.: 44320-35530	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ14.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0909R/643-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-5000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ19.6
Fuel discharge hole	M16x1.5-6G
Direction of rotation	Right

NO.: ZYB-0907R/639

MANUFACTORY REF No.:	
OEM REF No.: TOYOTA 3L/44320-26270	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/646

MANUFACTORY REF No.: 44310-OK010	
OEM REF No.: TOYOTA 2TR	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ14.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0907R/639-1

MANUFACTORY REF No.:	
OEM REF No.: 3L U89 3K1398	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0907R/646-1

MANUFACTORY REF No.:	
OEM REF No.: YCG16040	
Nominal displacement	9.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ11.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/639-2

MANUFACTORY REF No.: 44320-0K020	
OEM REF No.: TOYOTA HILUX VIGO	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/649

MANUFACTORY REF No.: WITH PULLEY	
OEM REF No.: 3RZ/5L 44320-35560	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ14.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0907R/643

MANUFACTORY REF No.:	
OEM REF No.: TOYOTA	
Nominal displacement	14.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-5000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ19.6
Fuel discharge hole	M16x1.5-6G
Direction of rotation	Right

NO.: ZYB-1009R/667

MANUFACTORY REF No.: WLK01621	
OEM REF No.:	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1009R/667-1

MANUFACTORY REF No.: W1K01621	
OEM REF No.: TOYOTA	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.5L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/734

MANUFACTORY REF No.: 44320-35570	
OEM REF No.: TOYOTA Qualis	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	5500r/min
Controlled flow rate	7.5L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1009R/667-2

MANUFACTORY REF No.: W1K01621	
OEM REF No.: TOYOTA	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	6000r/min
Controlled flow rate	9.5L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/734-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1209R/667-4

MANUFACTORY REF No.: W1K01621/44310-60520/60480	
OEM REF No.: TOYOTA 1GR	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.5L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/734-2

MANUFACTORY REF No.: 44320-33100	
OEM REF No.: CAMRY	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1009R/667-5

MANUFACTORY REF No.: C7K02045	
OEM REF No.:	
Nominal displacement	12.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/737

MANUFACTORY REF No.: 44310-35590	
OEM REF No.: TOYOTA HILUX 1KZ	
Nominal displacement	10.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-08075R/709

MANUFACTORY REF No.: 12042	
OEM REF No.: 44320-12271/44320-38010	
Nominal displacement	10.0ml/r
Maximum pressure	80bar
Highest rotational speed	7000r/min
Controlled flow rate	7.5L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0505R/778

MANUFACTORY REF No.: 44310-BZ080	
OEM REF No.: TOYOTA AVANZA	
Nominal displacement	7.2ml/r
Maximum pressure	50bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0905R/782



MANUFACTORY REF No.: 44310-60450	
OEM REF No.: TOYOTA HBJ100	
Nominal displacement	12.0ml/r
Maximum pressure	90bar
Highest rotational speed	5500-6000r/min
Controlled flow rate	5.5L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

19

JAPANESE AND KOREAN VEHICLE SERIES FOR MAZDA

NO.: ZYB-1009R/782-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/387-1



MANUFACTORY REF No.:	
OEM REF No.: MAZDA	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ16.5
Fuel discharge hole	M14x1.5
Direction of rotation	Right

NO.: ZYB-1108R/790



MANUFACTORY REF No.: 44310-36290	
OEM REF No.: TOYOTA COSTER	
Nominal displacement	14.5ml/r
Maximum pressure	110bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1007R/661-1



MANUFACTORY REF No.:	
OEM REF No.: MAZDA	
Nominal displacement	7.0ml/r
Maximum pressure	100bar
Highest rotational speed	7000r/min
Controlled flow rate	7.2L/min
Fuel feed hole	Φ20
Fuel discharge hole	M14x1.5
Direction of rotation	Right

NO.: ZYB-0907R/877



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.5ml/r
Maximum pressure	110bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0807R/777-2



MANUFACTORY REF No.:	
OEM REF No.: MAZDA	
Nominal displacement	7.5ml/r
Maximum pressure	80bar
Highest rotational speed	7000r/min
Controlled flow rate	8.5L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0907R/877-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.5ml/r
Maximum pressure	110bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-08507R/2041



MANUFACTORY REF No.:	
OEM REF No.: MAZDA	
Nominal displacement	8.5ml/r
Maximum pressure	85bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

20

RUSSIAN VEHICLE SERIES FOR KAMAZ

NO.: ZYB-0715R/149-1



MANUFACTORY REF No.: 66-3407010	
OEM REF No.: 130-3407200A	
Nominal displacement	15.77ml/r
Maximum pressure	70bar
Highest rotational speed	500-4800r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Φ11.3
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1020L/91



MANUFACTORY REF No.: 4310-3407200	
OEM REF No.: KAMAZ	
Nominal displacement	16.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M24x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-0820R/149-2



MANUFACTORY REF No.: 130-3407199	
OEM REF No.: ZIL	
Nominal displacement	15.77ml/r
Maximum pressure	80bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1616L/93-16



MANUFACTORY REF No.: 7685 955 138	
OEM REF No.: KAMAZ 45104-3407049-90	
Nominal displacement	21.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0820R/149-3



MANUFACTORY REF No.: 2568-3407199-01	
OEM REF No.: ZIL	
Nominal displacement	15.77ml/r
Maximum pressure	80bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0910L/93-20



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	18.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: CB-2064L/188



MANUFACTORY REF No.: HW32A-3	
OEM REF No.:	
Nominal displacement	32.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3200r/min
Controlled flow rate	64.0L/min
Fuel feed hole	Φ28
Fuel discharge hole	Φ24
Direction of rotation	Left

NO.: ZYB-1015R/149



MANUFACTORY REF No.: TN7-256b-3407199	
OEM REF No.: ZIL	
Nominal displacement	16.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: CB-1015L/189



MANUFACTORY REF No.: HW106	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3200r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	Φ14
Direction of rotation	Left

NO.: ZYB-0810L/276

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	10.5ml/r
	Maximum pressure	80bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	10.0L/min
	Fuel feed hole	Φ27
	Fuel discharge hole	M16x1.5
Direction of rotation	Left	

NO.: ZYB-1208R/893

	MANUFACTORY REF No.:	
	OEM REF No.: 7691 955 368	
	Nominal displacement	8.5ml/r
	Maximum pressure	120bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	8.0L/min
	Fuel feed hole	Φ18
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right	

NO.: ZYB-1512L/276-3

	MANUFACTORY REF No.:	
	OEM REF No.: KAMAZ	
	Nominal displacement	10.5ml/r
	Maximum pressure	150bar
	Highest rotational speed	500-3600r/min
	Controlled flow rate	12.0L/min
	Fuel feed hole	Φ27
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left	

NO.: ZYB-1005R/894

	MANUFACTORY REF No.:	
	OEM REF No.: 42020.409000-3407008	
	Nominal displacement	8.5ml/r
	Maximum pressure	104bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ17.5
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right	

NO.: ZYB-1723L/694

	MANUFACTORY REF No.: 6520-3407200	
	OEM REF No.: KAMAZ	
	Nominal displacement	20.0ml/r
	Maximum pressure	170bar
	Highest rotational speed	600-4800r/min
	Controlled flow rate	23.0L/min
	Fuel feed hole	M24x1.5-6H
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left	

**21**  
RUSSIAN  
VEHICLE  
SERIES

NO.: ZYB-1716L/700

	MANUFACTORY REF No.: 65110	
	OEM REF No.: KAMZA	
	Nominal displacement	21.0ml/r
	Maximum pressure	170bar
	Highest rotational speed	600-4800r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5-6H
	Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left	

NO.: ZYB-1816R/275A

	MANUFACTORY REF No.:	
	OEM REF No.: 7685 955 377	
	Nominal displacement	21.0ml/r
	Maximum pressure	185bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Left	

NO.: ZYB-12085R/723-4

	MANUFACTORY REF No.: 5270739	
	OEM REF No.: 7692 955 418	
	Nominal displacement	9.6ml/r
	Maximum pressure	120bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	8.5L/min
	Fuel feed hole	Φ18
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right	

NO.: ZYB-1516L/715A-3

	MANUFACTORY REF No.:	
	OEM REF No.: 7685 955 138	
	Nominal displacement	21.0ml/r
	Maximum pressure	150bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Left	

NO.: ZYB-1816L/715A-4

	MANUFACTORY REF No.:	
	OEM REF No.: 7686 955 237	
	Nominal displacement	21.0ml/r
	Maximum pressure	180bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Left	

NO.: ZYB-1816L/817

	MANUFACTORY REF No.:	
	OEM REF No.: 7685 955 353	
	Nominal displacement	21.0ml/r
	Maximum pressure	185bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Left	

NO.: ZYB-1318R/26

	MANUFACTORY REF No.:	
	OEM REF No.: WD 615-67	
	Nominal displacement	18.0ml/r
	Maximum pressure	130bar
	Highest rotational speed	500-3600r/min
	Controlled flow rate	18.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Right	

NO.: ZYB-1820L/817-2

	MANUFACTORY REF No.:	
	OEM REF No.: 7686 955 313	
	Nominal displacement	21.0ml/r
	Maximum pressure	185bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	20.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Left	

NO.: ZYB-1316R/26-1

	MANUFACTORY REF No.: WD615/61500130037	
	OEM REF No.: JN1171	
	Nominal displacement	15.77ml/r
	Maximum pressure	130bar
	Highest rotational speed	3900r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Right	

NO.: ZYB-1816R/817-3

	MANUFACTORY REF No.:	
	OEM REF No.: 7685 955 368	
	Nominal displacement	21.0ml/r
	Maximum pressure	185bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Right	

NO.: ZYB-1316R/55

	MANUFACTORY REF No.: 7673 955 280	
	OEM REF No.: WD 615-67	
	Nominal displacement	18.0ml/r
	Maximum pressure	130bar
	Highest rotational speed	500-3600r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Right	

QNO.: ZYB-1825R/817-4

	MANUFACTORY REF No.:	
	OEM REF No.: 7686 955 324	
	Nominal displacement	25.0ml/r
	Maximum pressure	185bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	25.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Right	

NO.: ZYB-1516R/144-1

	MANUFACTORY REF No.: 61800130034	
	OEM REF No.:	
	Nominal displacement	15.77ml/r
	Maximum pressure	150bar
	Highest rotational speed	3900r/min
	Controlled flow rate	15.8L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Right	

**22**  
CHINESE  
VEHICLE  
SERIES  
FOR  
CHINESE  
VEHICLE

NO.: ZYB-1316R/144-9



MANUFACTORY REF No.: DZ9100130028	
OEM REF No.: WEICHA1 WD12	
Nominal displacement	16.0ml/r
Maximum pressure	130bar
Highest rotational speed	3900r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1816R/351



MANUFACTORY REF No.: 7684 955 608	
OEM REF No.: WG 9619 470 080	
Nominal displacement	17.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0807R/242-1



MANUFACTORY REF No.:	
OEM REF No.: JINBEI	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1416R/353



MANUFACTORY REF No.: 7679 955 302	
OEM REF No.: WP12	
Nominal displacement	17.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1620R/260



MANUFACTORY REF No.:	
OEM REF No.: HOWO WG9719 4700 37/2	
Nominal displacement	18.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1816R/353-1



MANUFACTORY REF No.: 7679 955 306	
OEM REF No.: 6126 3003 0005	
Nominal displacement	17.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1316R/332



MANUFACTORY REF No.: DZ9100130037	
OEM REF No.: WD615	
Nominal displacement	13.5ml/r
Maximum pressure	130bar
Highest rotational speed	3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1318R/353-2



MANUFACTORY REF No.:	
OEM REF No.: 6126 3003 0087	
Nominal displacement	17.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-4000r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1820R/350



MANUFACTORY REF No.: 7679 955 603	
OEM REF No.: WG 9725 478 037	
Nominal displacement	21.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-4000r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0807R/430



MANUFACTORY REF No.: A21-3407010	
OEM REF No.: with pulley Chery A5	
Nominal displacement	7.0ml/r
Maximum pressure	80bar
Highest rotational speed	8000r/min
Controlled flow rate	8.5L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0707R/442-1



MANUFACTORY REF No.:	
OEM REF No.: JINBEI	
Nominal displacement	8.5ml/r
Maximum pressure	70bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0025L/93-2A



MANUFACTORY REF No.: 7687 955 211	
OEM REF No.: 7687 955 211/BC46-3K514-BA	
Nominal displacement	28.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-08507R/513-1



MANUFACTORY REF No.: S12-3407010	
OEM REF No.: Chery A1	
Nominal displacement	7.0ml/r
Maximum pressure	80bar
Highest rotational speed	8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.8
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0009R/93C



MANUFACTORY REF No.: 7683 975 905	
OEM REF No.: FORD	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Right

NO.: ZYB-09508R/544



MANUFACTORY REF No.: 3407110A	
OEM REF No.: JMC 4G1	
Nominal displacement	8.5ml/r
Maximum pressure	95bar
Highest rotational speed	500-7000r/min
Controlled flow rate	
Fuel feed hole	Φ17.2
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0017L/93F



MANUFACTORY REF No.: 7685 975 900	
OEM REF No.: FORD B-1618/VOLKS WAGEN(17 210 0D)	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-0907R/785



MANUFACTORY REF No.: S12-3407010	
OEM REF No.: Chery B11	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-09507R/136



MANUFACTORY REF No.: 20-604-01023/4032868	
OEM REF No.: FORD FIESTA	
Nominal displacement	9.0ml/r
Maximum pressure	95bar
Highest rotational speed	650-7500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	Φ9.7
Direction of rotation	Right

23

AMERICAN  
VEHICLE  
SERIES

FOR  
FORD

NO.: ZYB-10513R/137



MANUFACTORY REF No.: 7841933	
OEM REF No.: FORD A5700-900 03815984	
Nominal displacement	18.0ml/r
Maximum pressure	105bar
Highest rotational speed	500-3200r/min
Controlled flow rate	13.0L/min
Fuel feed hole	Φ11
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-09510R/139

MANUFACTORY REF No.: 03815969	
OEM REF No.: FORD AS250 03815969	
Nominal displacement	14.33ml/r
Maximum pressure	95bar
Highest rotational speed	500-3200r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ11.4
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-08510R/181

MANUFACTORY REF No.: 7830247	
OEM REF No.: FORD	
Nominal displacement	14.33ml/r
Maximum pressure	85bar
Highest rotational speed	500-3200r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ11.4
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-08510R/180

MANUFACTORY REF No.: 7846075	
OEM REF No.: FORD	
Nominal displacement	14.33ml/r
Maximum pressure	85bar
Highest rotational speed	500-3200r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1309R/195-4

MANUFACTORY REF No.: 7673955380	
OEM REF No.: Customization	
Nominal displacement	18.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3500r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26 x 1.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

NO.: ZYB-1012R/180-2

MANUFACTORY REF No.:	
OEM REF No.: FORD/RENAULT	
Nominal displacement	15.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3200r/min
Controlled flow rate	12.0L/min
Fuel feed hole	Φ17.4
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0809R/195-5

MANUFACTORY REF No.: 7673955380	
OEM REF No.: Customization	
Nominal displacement	18.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-3500r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26 x 1.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

NO.: ZYB-0708R/180-3

MANUFACTORY REF No.: 26044043	
OEM REF No.: HOLDEN VS 6 CYL	
Nominal displacement	14.5ml/r
Maximum pressure	70bar
Highest rotational speed	5000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

NO.: ZYB-1316R/216

MANUFACTORY REF No.: 7674 955 245	
OEM REF No.: FORD DEVFATHI	
Nominal displacement	21.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1007R/180-4

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1516R/216-1

MANUFACTORY REF No.:	
OEM REF No.: VICKERS 55955/7674 955 955 H	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0016R/217

MANUFACTORY REF No.: 674 955 306	
OEM REF No.: FORD BMCPRO	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-0021L/219-3

MANUFACTORY REF No.:	
OEM REF No.: 55518 7674 955 518	
Nominal displacement	18.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3500r/min
Controlled flow rate	21.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-1318R/218

MANUFACTORY REF No.: 7673 955 580	
OEM REF No.: FORD CARGO	
Nominal displacement	17.5ml/r
Maximum pressure	130bar
Highest rotational speed	500-3500r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1318R/220

MANUFACTORY REF No.: 7673 955 572	
OEM REF No.: FORD BMC162	
Nominal displacement	17.5ml/r
Maximum pressure	130bar
Highest rotational speed	500-3500r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

NO.: ZYB-1018L/219

MANUFACTORY REF No.: 7673 955 702	
OEM REF No.: FORD AS950	
Nominal displacement	17.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-3500r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0807R/363

MANUFACTORY REF No.: PM34733	
OEM REF No.: FORD	
Nominal displacement	9.0ml/r
Maximum pressure	80bar
Highest rotational speed	600-5000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ9.7
Direction of rotation	Right

NO.: ZYB-0016R/219-1

MANUFACTORY REF No.:	
OEM REF No.: 55500 7674 955 500	
Nominal displacement	18.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-1207R/363-3

MANUFACTORY REF No.: FORD Transit	
OEM REF No.:	
Nominal displacement	12.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-7500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ9.7
Direction of rotation	Right

NO.: ZYB-1516L/219-2

MANUFACTORY REF No.:	
OEM REF No.: 55954 7674 955 954	
Nominal displacement	18.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-0907R/363-4

MANUFACTORY REF No.: FD-052	
OEM REF No.: FORD	
Nominal displacement	9.0ml/r
Maximum pressure	90bar
Highest rotational speed	7500r/min
Controlled flow rate	7.5L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1010R/363-5

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.3ml/r
Maximum pressure	100bar
Highest rotational speed	500-7500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ9.7
Direction of rotation	Right

NO.: ZYB-1418R/17

MANUFACTORY REF No.: 3406G-010-C	
OEM REF No.: CUMMINS	
Nominal displacement	16.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M30x2
Fuel discharge hole	M20x1.5
Direction of rotation	Right

NO.: ZYB-0011L/93E

MANUFACTORY REF No.: 7683 975 900	
OEM REF No.:	
Nominal displacement	15.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ18.2
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-1320R/99

MANUFACTORY REF No.: CD 7673955279	
OEM REF No.:	
Nominal displacement	18.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0907R/662-1

MANUFACTORY REF No.:	
OEM REF No.: FORD MONDEO	
Nominal displacement	9.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-7500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ9.7
Direction of rotation	Right

NO.: ZYB-1315R/18

MANUFACTORY REF No.: 3406Z07-010-A	
OEM REF No.: CUMMINS 6CT	
Nominal displacement	16.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M22x1.5
Fuel discharge hole	M20x1.5
Direction of rotation	Right

NO.: ZYB-0010L/93G

MANUFACTORY REF No.: 7684 975 914	
OEM REF No.: AGRALE 7500/8500	
Nominal displacement	15.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-1116R/137-1

MANUFACTORY REF No.: 7840124	
OEM REF No.: 7840099/7840097	
Nominal displacement	18.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	5/8-18UNF-2A
Direction of rotation	Right

NO.: ZYB-1008R/833

MANUFACTORY REF No.:	
OEM REF No.: FORD CONNECT	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1418R/45

MANUFACTORY REF No.: 3406N-001	
OEM REF No.: CUMMINS 6BTAA	
Nominal displacement	16.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M30x1.5
Fuel discharge hole	M20x1.5
Direction of rotation	Right

NO.: ZYB-0010L/93G1

MANUFACTORY REF No.: 7684 975 922	
OEM REF No.: INTERNATIONAL AGRALE 410	
Nominal displacement	15.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-10513R/137-2

MANUFACTORY REF No.:	
OEM REF No.: SAGINAW	
Nominal displacement	18.0ml/r
Maximum pressure	105bar
Highest rotational speed	500-3200r/min
Controlled flow rate	13.0L/min
Fuel feed hole	Φ11
Fuel discharge hole	5/8-18UNF-2A
Direction of rotation	Right

NO.: ZYB-0907R/881

MANUFACTORY REF No.:	
OEM REF No.: FORD 80070359	
Nominal displacement	8.5ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M14 x1.5-6H
Direction of rotation	Right

NO.: ZYB-1320R/69

MANUFACTORY REF No.: 7673 955 286	
OEM REF No.:	
Nominal displacement	16.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

NO.: ZYB-0017L/93H

MANUFACTORY REF No.: 7684 975 932	
OEM REF No.: VW ZWO 145 157	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-07509R/139-1

MANUFACTORY REF No.: 26134102	
OEM REF No.:	
Nominal displacement	14.33ml/r
Maximum pressure	75bar
Highest rotational speed	500-5000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ11
Fuel discharge hole	M16x1.5
Direction of rotation	Right

**24** AMERICAN VEHICLE SERIES

NO.: ZYB-0011L/93D2

MANUFACTORY REF No.: 7684 955 921	
OEM REF No.: international Agrale 4.10	
Nominal displacement	15.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: ZYB-1416R/97

MANUFACTORY REF No.: 3406A-010-B	
OEM REF No.: CUMMINS 6BT	
Nominal displacement	15.77ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M30x2
Fuel discharge hole	M20x1.5
Direction of rotation	Right

NO.: ZYB-0818R/207

MANUFACTORY REF No.:	
OEM REF No.: V-10(18L)	
Nominal displacement	20.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-3500r/min
Controlled flow rate	18.0L/min
Fuel feed hole	RC3/4
Fuel discharge hole	RC1/2
Direction of rotation	Right

NO.: ZYB-1419R/209



MANUFACTORY REF No.: V10-1	
OEM REF No.: 3BQC37594-V10	
Nominal displacement	16.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3200r/min
Controlled flow rate	19.0L/min
Fuel feed hole	NPT1
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-16516L/257



MANUFACTORY REF No.: 7674 955 343	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-16516L/257-5



MANUFACTORY REF No.:	
OEM REF No.: 7674 955 343 (Different Shaft and Gear)	
Nominal displacement	19.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-0017R/277-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-0818R/210



MANUFACTORY REF No.: V10SA	
OEM REF No.:	
Nominal displacement	20.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	RC3/4
Fuel discharge hole	RC1/2
Direction of rotation	Right

NO.: ZYB-16518R/257-1



MANUFACTORY REF No.: 7674 955 343	
OEM REF No.:	
Nominal displacement	19.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1316R/257-6



MANUFACTORY REF No.:	
OEM REF No.: 76749 755 913	
Nominal displacement	19.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Right

NO.: ZYB-1518L/277-9



MANUFACTORY REF No.: 542 0359 10	
OEM REF No.: 2108204	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	19.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-0824R/211



MANUFACTORY REF No.: V10SA	
OEM REF No.:	
Nominal displacement	20.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-3200r/min
Controlled flow rate	24.0L/min
Fuel feed hole	RC3/4
Fuel discharge hole	RC1/2
Direction of rotation	Right

NO.: ZYB-16516L/257-2



MANUFACTORY REF No.: 7674 955 343	
OEM REF No.:	
Nominal displacement	19.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-14515R/264



MANUFACTORY REF No.: V10FIP6P38C4H	
OEM REF No.:	
Nominal displacement	20.0ml/r
Maximum pressure	145bar
Highest rotational speed	500-3000r/min
Controlled flow rate	15.0L/min
Fuel feed hole	NPT1
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1515R/336



MANUFACTORY REF No.: 542 0130 10	
OEM REF No.: INTERNATIONAL 1663 204 C91	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	1 5/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-0818R/212



MANUFACTORY REF No.: V10-DAE	
OEM REF No.: VICKERS	
Nominal displacement	20.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	RC3/4
Fuel discharge hole	RC1/2
Direction of rotation	Right

NO.: ZYB-16518R/257-3



MANUFACTORY REF No.: 7674 955 344	
OEM REF No.:	
Nominal displacement	19.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1006R/265-2



MANUFACTORY REF No.: 7692 974 129	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1214R/336A



MANUFACTORY REF No.: 542 0239 10	
OEM REF No.: 1681047C91	
Nominal displacement	17.5ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	14.0L/min
Fuel feed hole	1 5/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-0824R/213



MANUFACTORY REF No.: V10-DAE	
OEM REF No.: VICKERS	
Nominal displacement	20.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-3200r/min
Controlled flow rate	24.0L/min
Fuel feed hole	RC3/4
Fuel discharge hole	RC1/2
Direction of rotation	Right

NO.: ZYB-0016R/257-4



MANUFACTORY REF No.: TIG145157	
OEM REF No.: 7674 975 923	
Nominal displacement	19.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Right

NO.: ZYB-0810L/276-1



MANUFACTORY REF No.: KODIAK316	
OEM REF No.:	
Nominal displacement	10.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-3200r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ20.6
Fuel discharge hole	M20x1.5
Direction of rotation	Left

NO.: ZYB-15225R/336A1



MANUFACTORY REF No.: 542 0248 10	
OEM REF No.: KENWORTH 2106438 2106749	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	22.5L/min
Fuel feed hole	1 5/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-15225L/336A3



MANUFACTORY REF No.: 542016910/3936350	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	22.5L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1614L/336C



MANUFACTORY REF No.: 542 0191 10	
OEM REF No.: 226H050040	
Nominal displacement	21.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3600r/min
Controlled flow rate	14.0L/min
Fuel feed hole	1 5/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-16315L/336A5



MANUFACTORY REF No.: 542 0188 10	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	163bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0-19.5L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1516L/336D



MANUFACTORY REF No.: 542 0212 10	
OEM REF No.: VOLVO 3187858	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

NO.: ZYB-16525R/336B



MANUFACTORY REF No.: 542 0267 10	
OEM REF No.: INTERNATIONAL 3538860 C91	
Nominal displacement	25.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	25.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1515R/336E



MANUFACTORY REF No.: 542 0065 10	
OEM REF No.:	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-16525R/336B1



MANUFACTORY REF No.: 542 0130 10	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	25.0L/min
Fuel feed hole	1 5/16-12UN
Fuel discharge hole	3/4-18UNF
Direction of rotation	Right

NO.: ZYB-1519R/336F



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	19.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-16525L/336BL



MANUFACTORY REF No.: 1001181	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	25.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-12UNF-2B
Direction of rotation	Left

NO.: ZYB-16316R/336G



MANUFACTORY REF No.: 542019510	
OEM REF No.: 542024710/2105424/2106032	
Nominal displacement	21.0ml/r
Maximum pressure	163bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right

NO.: ZYB-1519L/336H



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	19.0L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-16323L/336-2B



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	163bar
Highest rotational speed	500-3600r/min
Controlled flow rate	23.0L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1515L/336L



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	17.5ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	3/4-12UNF-2B
Direction of rotation	Left

NO.: ZYB-1516R/336-4



MANUFACTORY REF No.: 542026010	
OEM REF No.: 2108216	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1515L/336-1



MANUFACTORY REF No.: 542 0172 10	
OEM REF No.: DINA 22H050080	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1516L/370-4



MANUFACTORY REF No.: 7685 955 301	
OEM REF No.:	
Nominal displacement	17.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M27x2-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

NO.: ZYB-1514L/336-2



MANUFACTORY REF No.: 542 0176 10	
OEM REF No.: DINA 168 2625 C91	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	14.0L/min
Fuel feed hole	1 5/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-14516L/375



MANUFACTORY REF No.: EV 221615 L101	
OEM REF No.:	
Nominal displacement	23.0ml/r
Maximum pressure	145bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1514R/336-2A



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	14.0L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-14516R/375-1



MANUFACTORY REF No.: EV 221615 R101	
OEM REF No.:	
Nominal displacement	23.0ml/r
Maximum pressure	145bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-18516L/375-2

MANUFACTORY REF No.: EV221618L 101015	
OEM REF No.:	
Nominal displacement	23.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1516R/375-7

MANUFACTORY REF No.: PEV1816-15R101	
OEM REF No.:	
Nominal displacement	18.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-18516R/375-3

MANUFACTORY REF No.:	
OEM REF No.: EV221618R101	
Nominal displacement	23.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1320R/375-8

MANUFACTORY REF No.: PEV2520-13R101	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1516L/375-4

MANUFACTORY REF No.:	
OEM REF No.: EV251615L101	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1524R/375-9

MANUFACTORY REF No.: PEV2824-15R101	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1516L/375-5

MANUFACTORY REF No.:	
OEM REF No.: PEV 1816-15L101	
Nominal displacement	18.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1616R/375-10

MANUFACTORY REF No.:	
OEM REF No.: EV181616R101	
Nominal displacement	18.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1516R/375-6

MANUFACTORY REF No.: PEV2516-15R101	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-0916R/375-11

MANUFACTORY REF No.: PS181615R114	
OEM REF No.: EV221609R101	
Nominal displacement	23.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-0916L/375-12

MANUFACTORY REF No.:	
OEM REF No.: EV221609L101	
Nominal displacement	23.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1916L/375D

MANUFACTORY REF No.: EV221619L 10100	
OEM REF No.:	
Nominal displacement	22.0ml/r
Maximum pressure	190bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1816L/375-13

MANUFACTORY REF No.:	
OEM REF No.: EV181618L101	
Nominal displacement	18.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1516R/375-14

MANUFACTORY REF No.: PEV281615R101	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1816R/375-15

MANUFACTORY REF No.: PEV181618R101	
OEM REF No.:	
Nominal displacement	18.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1824R/375-16

MANUFACTORY REF No.: EV222418R101	
OEM REF No.:	
Nominal displacement	23.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1824R/378

MANUFACTORY REF No.: ZF 7677 955 180	
OEM REF No.: F1HT 3A 674AA	
Nominal displacement	34.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3500r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

No.:ZYB-1116L/375A	MANUFACTORY REF.No.:PEV2216-11L101
No.:ZYB-1316L/375B	MANUFACTORY REF.No.:PEV2216-13L101
No.:ZYB-1316L/375C	MANUFACTORY REF.No.:PEV221616L10100
No.:ZYB-1916L/375D	MANUFACTORY REF.No.:PEV221619L10100
No.:ZYB-1316R/375-1A	MANUFACTORY REF.No.:PEV2216-13R101
No.:ZYB-1116R/375-1B	MANUFACTORY REF.No.:PEV2216-11R101
No.:ZYB-1916R/375-3A	MANUFACTORY REF.No.:PEV2216-19R101
No.:ZYB-1116L/375-4A	MANUFACTORY REF.No.:PEV2516-11L101
No.:ZYB-1520L/375-4B	MANUFACTORY REF.No.:PEV2520-15L101
No.:ZYB-1320L/375-4C	MANUFACTORY REF.No.:PEV2520-13L101
No.:ZYB-1120L/375-4D	MANUFACTORY REF.No.:PEV2520-11L101
No.:ZYB-1524L/375-4E	MANUFACTORY REF.No.:PEV251415L10100
No.:ZYB-1316L/375-4F	MANUFACTORY REF.No.:PEV2516-13L101
No.:ZYB-1616L/375-4G	MANUFACTORY REF.No.:PEV2516-16L101
No.:ZYB-1116L/375-5A	MANUFACTORY REF.No.:PEV1816-11L101
No.:ZYB-1316L/375-5B	MANUFACTORY REF.No.:PEV1816-13L101
No.:ZYB-1616L/375-5C	MANUFACTORY REF.No.:PEV1816-16L101
No.:ZYB-1116R/375-6A	MANUFACTORY REF.No.:EV251611R10104
No.:ZYB-1514R/375-6B	MANUFACTORY REF.No.:EV251415R10100
No.:ZYB-1816R/375-6C	MANUFACTORY REF.No.:PEV1516-18R101
No.:ZYB-1316R-375-7A	MANUFACTORY REF.No.:PEV1816-13R101
No.:ZYB-1120R/375-8A	MANUFACTORY REF.No.:PEV2520-11R101
No.:ZYB-1316R/375-8B	MANUFACTORY REF.No.:PEV2516-13R101
No.:ZYB-1520R/375-8C	MANUFACTORY REF.No.:PEV2520-15R101
No.:ZYB-1520R/375-9A	MANUFACTORY REF.No.:PEV2820-15R101
No.:ZYB-1824R/375-9B	MANUFACTORY REF.No.:PEV2824-18R101
No.:ZYB-1616R/375-10A	MANUFACTORY REF.No.:PEV2516-16R101
No.:ZYB-1816L/375-13A	MANUFACTORY REF.No.:PEV2516-18L101
No.:ZYB-1916L/375-13B	MANUFACTORY REF.No.:PEV1816-19L101
No.:ZYB-1116R/375-14A	MANUFACTORY REF.No.:PEV2816-11R101
No.:ZYB-1316R/375-14B	MANUFACTORY REF.No.:PEV2816-13R101
No.:ZYB-1916R/375-15A	MANUFACTORY REF.No.:PEV1816-19R101

NO.: ZYB-1824L/378-1

MANUFACTORY REF No.: ZF 7677 955 181	
OEM REF No.: F1HT 3A 674EA	
Nominal displacement	34.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3500r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1218R/381-4

MANUFACTORY REF No.: PQN 001742	
OEM REF No.: VICKERS	
Nominal displacement	36.4ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	NPT1 1/4
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-14225R/381

MANUFACTORY REF No.: V20F1P9P38C6G20	
OEM REF No.:	
Nominal displacement	29.7ml/r
Maximum pressure	140bar
Highest rotational speed	500-3200r/min
Controlled flow rate	22.5L/min
Fuel feed hole	NPT1 1/4
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1516R/381-5

MANUFACTORY REF No.: PQN 001748	
OEM REF No.: VICKERS	
Nominal displacement	29.7ml/r
Maximum pressure	150bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	NPT1 1/4
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-12225R/381-1

MANUFACTORY REF No.: V20F1P9P38C6G	
OEM REF No.:	
Nominal displacement	29.7ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	22.5L/min
Fuel feed hole	NPT1 1/4
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-15519R/381-6

MANUFACTORY REF No.: V20F1P13P38B6H22	
OEM REF No.: VICKERS	
Nominal displacement	42.4ml/r
Maximum pressure	155bar
Highest rotational speed	500-2400r/min
Controlled flow rate	19.0L/min
Fuel feed hole	NPT1 1/4
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-14225R/381-2

MANUFACTORY REF No.: V20F1P11P38D6H11	
OEM REF No.: VICKERS	
Nominal displacement	36.4ml/r
Maximum pressure	137.6bar
Highest rotational speed	500-3200r/min
Controlled flow rate	22.7L/min
Fuel feed hole	NPT1 1/4
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1516R/394

MANUFACTORY REF No.:	
OEM REF No.: VICKERS	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-2700r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1520L/381-3

MANUFACTORY REF No.: PQN 001740	
OEM REF No.: VICKERS	
Nominal displacement	36.4ml/r
Maximum pressure	150bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	NPT1 1/4
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1516L/394-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-2700r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1516R/395

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-2700r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-12UNF
Direction of rotation	Right

NO.: ZYB-0014R/398-3

MANUFACTORY REF No.: 7673 975 969	
OEM REF No.: Ford 775145157	
Nominal displacement	17.5ml/r
Maximum pressure	000bar
Highest rotational speed	500-4000r/min
Controlled flow rate	14.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Right

NO.: ZYB-1516L/395-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-2700r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-12UNF
Direction of rotation	Left

NO.: ZYB-0016L/398-4

MANUFACTORY REF No.: ZF 7673 975 818	
OEM REF No.: VW ZTO 145 153	
Nominal displacement	17.5ml/r
Maximum pressure	000bar
Highest rotational speed	500-4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-16516L/396

MANUFACTORY REF No.: 542 0273 10	
OEM REF No.: INTERNATIONAL 1686 649 C91	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-12UNF
Direction of rotation	Left

NO.: ZYB-0016L/398-5

MANUFACTORY REF No.: 7674 975 942	
OEM REF No.: VOLKS WAGEN/ZUO 145 157	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-0008L/398

MANUFACTORY REF No.: 7673 975 816	
OEM REF No.: VOLKS WAGEN/ZRO 145 157	
Nominal displacement	17.5ml/r
Maximum pressure	000bar
Highest rotational speed	500-5000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-0014L/398-6

MANUFACTORY REF No.: 7673 975 824	
OEM REF No.: VW 145 157A	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-4000r/min
Controlled flow rate	14.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-0015R/398-1

MANUFACTORY REF No.: 7674 975 960	
OEM REF No.: VOLKS WAGEN/TH7145157	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	3/4-12UNF-2A
Direction of rotation	Right

NO.: ZYB-16516R/401

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-2700r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-16516L/401A



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-2700r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-11225R/415



MANUFACTORY REF No.: V10F1P6P38C6G	
OEM REF No.:	
Nominal displacement	20.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3200r/min
Controlled flow rate	22.5L/min
Fuel feed hole	NPT1
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1716L/415-5



MANUFACTORY REF No.: PQN 001729	
OEM REF No.: VICKERS	
Nominal displacement	22.8ml/r
Maximum pressure	170bar
Highest rotational speed	3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	NPT1,NPT1/2-14
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1416L/436-4



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-16516R/402



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-2700r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-1220R/415-1



MANUFACTORY REF No.: V10F1P7P38D5G20	
OEM REF No.: MAC38QC375	
Nominal displacement	22.8ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	NPT1
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-16515R/436



MANUFACTORY REF No.: LUK 542 0320 10	
OEM REF No.: INTERNATIONAL 2005337 C91	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-16316L/436-5



MANUFACTORY REF No.:	
OEM REF No.: LF73C 2107361	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-16516L/402A



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-2700r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1220R/415-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	22.8ml/r
Maximum pressure	110bar
Highest rotational speed	500-3600r/min
Controlled flow rate	19.0L/min
Fuel feed hole	NPT1/2-14NPT1
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1416R/436-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-16317R/436A



MANUFACTORY REF No.: 3514596C91	
OEM REF No.: 542033410	
Nominal displacement	25.0ml/r
Maximum pressure	163bar
Highest rotational speed	500-3600r/min
Controlled flow rate	17.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1220R/414



MANUFACTORY REF No.: V10NF1S6T38C5G	
OEM REF No.:	
Nominal displacement	20.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	1 5/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-08519R/415-3



MANUFACTORY REF No.:	
OEM REF No.: VICKERS	
Nominal displacement	22.8ml/r
Maximum pressure	85bar
Highest rotational speed	500-3600r/min
Controlled flow rate	19.0L/min
Fuel feed hole	NPT1,NPT1/2-14
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1416R/436-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-17516R/436C



MANUFACTORY REF No.: LF73 LH211043412B13	
OEM REF No.: 3535274C91	
Nominal displacement	21.0ml/r
Maximum pressure	175bar
Highest rotational speed	500-4000r/min
Controlled flow rate	16.5L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1416R/414-1



MANUFACTORY REF No.: PQN 001783	
OEM REF No.: VICKERS	
Nominal displacement	16.0ml/r
Maximum pressure	140bar
Highest rotational speed	3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1518R/415-4



MANUFACTORY REF No.:	
OEM REF No.: VICKERS	
Nominal displacement	19.4ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	NPT1,NPT1/2-14
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1416R/436-3



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	17.5ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1516R/436D



MANUFACTORY REF No.: 3542059C91	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1516L/484

MANUFACTORY REF No.: 2010-412-C92	
OEM REF No.: VT73G	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1524R/537-3

MANUFACTORY REF No.: PS252415R11401	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1616R/528

MANUFACTORY REF No.: PS221616R32601S	
OEM REF No.:	
Nominal displacement	23.0ml/r
Maximum pressure	163bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1516R/537-4

MANUFACTORY REF No.: PS181615R114	
OEM REF No.:	
Nominal displacement	18.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1216R/528-1

MANUFACTORY REF No.: PS221612R32601S	
OEM REF No.:	
Nominal displacement	23.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1516R/537-5

MANUFACTORY REF No.: PS221615R114	
OEM REF No.:	
Nominal displacement	22.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1528R/537

MANUFACTORY REF No.: PS282815R11401	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	26.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1520R/537-1A

MANUFACTORY REF No.: PS2520-15R114	
OEM REF No.:	
NO.:ZYB-1528L/537-2	MANUFACTORY REF No.:PS2828-15R114
NO.:ZYB-1616R/537-4A	MANUFACTORY REF No.:PS1816-16R114
NO.:ZYB-1316R/537-4B	MANUFACTORY REF No.:PS1816-13R114
NO.:ZYB-1314R/537-4C	MANUFACTORY REF No.:PS1814-13R114
NO.:ZYB-116R/537-5A	MANUFACTORY REF No.:PS2216-11R114
NO.:ZYB-1316R/537-5B	MANUFACTORY REF No.:PS2216-13R114

NO.: ZYB-1524R/537-1

MANUFACTORY REF No.: PS251615R114	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1628L/538

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	32.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1516R/539

MANUFACTORY REF No.: PS251615R102	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1416L/539-4

MANUFACTORY REF No.: PS2516142L102	
OEM REF No.:	
Nominal displacement	25ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1424L/539-1

MANUFACTORY REF No.: PS252314L102	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	23.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1628R/539-5

MANUFACTORY REF No.: PS282816R102	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1516L/539-2

MANUFACTORY REF No.: PS251615L102	
OEM REF No.: VICKERS	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1316R/539-6

MANUFACTORY REF No.: PS2516-13R102	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1416R/539-3

MANUFACTORY REF No.: PS251614R102	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1520R/539-7

MANUFACTORY REF No.: PS282015R102	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right



NO.: ZYB-1516L/539-8

MANUFACTORY REF No.: PS251615L105	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

**NO.: ZYB-1524R/539-9**

MANUFACTORY REF No.: PS362415R105	
OEM REF No.:	
Nominal displacement	36.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

**NO.: ZYB-1528L/539-9B1**

MANUFACTORY REF No.: PS362815L105	
OEM REF No.:	
Nominal displacement	36.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

**NO.: ZYB-1524R/539-12**

MANUFACTORY REF No.: PS221615R102	
OEM REF No.:	
Nominal displacement	36.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

**NO.: ZYB-1516R/539-13**

MANUFACTORY REF No.: PS22161515R102	
OEM REF No.:	
Nominal displacement	22.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	22.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

**NO.: ZYB-1516R/539-14**

MANUFACTORY REF No.: PS281615R102	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

No.:ZYB-1514R/539A	MANUFACTORY REF.No.:PS2514-15R102
No.:ZYB-1516R/539B	MANUFACTORY REF.No.:PS1816-15R102
No.:ZYB-1316R/539B-1	MANUFACTORY REF.No.:PS1816-13R102
No.:ZYB-1514L/539-2A	MANUFACTORY REF.No.:PS2214-15L102
No.:ZYB-1116R/539-3A	MANUFACTORY REF.No.:PS2516-11R102
No.:ZYB-1320R/539-6A	MANUFACTORY REF.No.:PS2520-13R102
No.:ZYB-1520R/539-6B	MANUFACTORY REF.No.:PS2520-15R102
No.:ZYB-1524R/539-6C	MANUFACTORY REF.No.:PS2524-15R102
No.:ZYB-1120R/539-7A	MANUFACTORY REF.No.:PS2820-11R102
No.:ZYB-1116L/539-8A	MANUFACTORY REF.No.:PS2516-11L105
No.:ZYB-1216L/539-8B	MANUFACTORY REF.No.:PS2516-12L105
No.:ZYB-1316/539-8B1	MANUFACTORY REF.No.:PS2516-13L105
No.:ZYB-1514L/539-8B2	MANUFACTORY REF.No.:PS2514-15L105
No.:ZYB-1524L/539-8B3	MANUFACTORY REF.No.:PS2524-15L105
No.:ZYB-1320L/539-8C	MANUFACTORY REF.No.:PS2820-13L105
No.:ZYB-1520L/539-8D	MANUFACTORY REF.No.:PS2820-15L105
No.:ZYB-1524L/539-9A	MANUFACTORY REF.No.:PS3624-15L105
No.:ZYB-1228L/539-9B	MANUFACTORY REF.No.:PS3628-12L105
No.:ZYB-1528R/539-9C	MANUFACTORY REF.No.:PS3628-15R105
No.:ZYB-1516R/539-10	MANUFACTORY REF.No.:PS2516-15R105
No.:ZYB-1116R/539-10A	MANUFACTORY REF.No.:PS2516-11R105
No.:ZYB-1316R/539-10B	MANUFACTORY REF.No.:PS2516-13R105
No.:ZYB-1616R/539-10C	MANUFACTORY REF.No.:PS2516-16R105
No.:ZYB-1520R/539-10D	MANUFACTORY REF.No.:PS2520-15R105
No.:ZYB-1514R/539-10E	MANUFACTORY REF.No.:PS2514-15R105
No.:ZYB-1320R/539-11	MANUFACTORY REF.No.:PS2816-13R102
No.:ZYB-1316R/539-11A	MANUFACTORY REF.No.:PS3624-15R102
No.:ZYB-1116R/539-13A	MANUFACTORY REF.No.:PS2216-11R102
No.:ZYB-1316R/539-13A1	MANUFACTORY REF.No.:PS2216-13R102
No.:ZYB-1016R/539-13B	MANUFACTORY REF.No.:PS2216-10R102
No.:ZYB-1524R/539-13C	MANUFACTORY REF.No.:PS2214-15R102
No.:ZYB-1224R/539-13D	MANUFACTORY REF.No.:PS2224-12R102
No.:ZYB-1116R/539-14A	MANUFACTORY REF.No.:PS2816-11R102
No.:ZYB-1528R/539-14B	MANUFACTORY REF.No.:PS2828-15R102
No.:ZYB-1516L/539-15	MANUFACTORY REF.No.:PS2816-15L102

**NO.: ZYB-16516L/563**

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

**NO.: ZYB-1616L/563-1**

MANUFACTORY REF No.: VT73 515971	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

**NO.: ZYB-1515R/573**

MANUFACTORY REF No.: 251515R103	
OEM REF No.: TPW PS	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

**NO.: ZYB-1520L/573-1**

MANUFACTORY REF No.: PS252015L103	
OEM REF No.: TRW PS	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

**NO.: ZYB-1528L/573-2**

MANUFACTORY REF No.: PS282815L 103	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

**NO.: ZYB-1528L/573-3**

MANUFACTORY REF No.: PS251615L113	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

**NO.: ZYB-1528L/573-4**

MANUFACTORY REF No.: PS221615L103	
OEM REF No.: TPWPS	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

**NO.: ZYB-1528R/573-5**

MANUFACTORY REF No.: PS221615R103	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

**NO.: ZYB-1724R/573-6**

MANUFACTORY REF No.:	
OEM REF No.: PS282417R10301	
Nominal displacement	28.0ml/r
Maximum pressure	170bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

**NO.: ZYB-1524L/573-7**

MANUFACTORY REF No.: PS252415L103	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left


No.:ZYB-1116L/573A1	MANUFACTORY REF.No.:PS2216-11L103
No.:ZYB-1516R/573B	MANUFACTORY REF.No.:PS2516-15R103
No.:ZYB-1120L/573-1A	MANUFACTORY REF.No.:PS2520-11L103
No.:ZYB-1520L/573-1B	MANUFACTORY REF.No.:PS2520-15L103
No.:ZYB-1320L/573-1C	MANUFACTORY REF.No.:PS2520-13L103
No.:ZYB-1616L/573-3A	MANUFACTORY REF.No.:PS2216-16L113
No.:ZYB-1516L/573-3B	MANUFACTORY REF.No.:PS2216-15L113
No.:ZYB-1016L/573-4A	MANUFACTORY REF.No.:PS2216-10L103
No.:ZYB-1616R/573-5A	MANUFACTORY REF.No.:PS221616R10301

**NO.: ZYB-1516L/578**

MANUFACTORY REF No.: EV221614L30407	
OEM REF No.: A6854600280	
Nominal displacement	23.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left


**NO.: ZYB-1516L/583**

MANUFACTORY REF No.: PS221615L116	
OEM REF No.: TRW PS	
Nominal displacement	22.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left




**NO.: ZYB-1008L/607-1**

MANUFACTORY REF No.: 7002657C1	
OEM REF No.: GM S10 Blazer,Chevrolet Pickup	
Nominal displacement	11.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left



**NO.: ZYB-1208L/607-6**

MANUFACTORY REF No.: 7002656C1	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left



**NO.: ZYB-17516R/615A**

MANUFACTORY REF No.: 3535275C91	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	175bar
Highest rotational speed	4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right




**NO.: ZYB-1528L/583-1**

MANUFACTORY REF No.: PS282815L116	
OEM REF No.:	
Nominal displacement	28ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	26.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left



**NO.: ZYB-1008L/607-2**

MANUFACTORY REF No.: LH2112260	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left



**NO.: ZYB-1208L/607-7**

MANUFACTORY REF No.: 7002655C1	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left




**NO.: ZYB-1419L/628**

MANUFACTORY REF No.: YBZ16C1A	
OEM REF No.:	
Nominal displacement	16.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M30 × 2-6H
Fuel discharge hole	M20 × 1.5-6H
Direction of rotation	Left




**NO.: ZYB-1010R/585**

MANUFACTORY REF No.: ZF 7684975952	
OEM REF No.: GM Silverado and Ford	
Nominal displacement	17.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	10.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right



**NO.: ZYB-1008L/607-3**

MANUFACTORY REF No.: Lfv30(LH2112261)	
OEM REF No.: 541019810	
Nominal displacement	11.0ml/r
Maximum pressure	100bar
Highest rotational speed	4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left



**NO.: ZYB-13510L/607-8**

MANUFACTORY REF No.: 7000894C2	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-4800r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left



**NO.: ZYB-1528L/669**

MANUFACTORY REF No.: PS362815L102	
OEM REF No.:	
Nominal displacement	36.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left




**NO.: ZYB-1011R/601**

MANUFACTORY REF No.: RINO	
OEM REF No.: HINO	
Nominal displacement	13.34ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	11.0L/min
Fuel feed hole	M20 × 1.5-6H
Fuel discharge hole	G3/8-19
Direction of rotation	Right



**NO.: ZYB-1008L/607-4**

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left



**NO.: ZYB-1208L/607-9**

MANUFACTORY REF No.: 7002660C1	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left



**NO.: ZYB-1528R/669-1**

MANUFACTORY REF No.: PS362815R102	
OEM REF No.:	
Nominal displacement	36.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right




**NO.: ZYB-1008L/607**

MANUFACTORY REF No.: 7002657C1	
OEM REF No.: GM S10 Blazer,Chevrolet Pickup	
Nominal displacement	11.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left



**NO.: ZYB-1208L/607-5**

MANUFACTORY REF No.: 7002658C1	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 × 1.5-6H
Direction of rotation	Left




**NO.: ZYB-16316R/615**

MANUFACTORY REF No.: 2008180C93	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	163bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right



**NO.: ZYB-1616L/698**

MANUFACTORY REF No.: 465.LUK.08	
OEM REF No.:	
Nominal displacement	17.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left



NO.: ZYB-16516L/717

MANUFACTORY REF No.: 3829278C91	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-18516L/730

MANUFACTORY REF No.: 3623641C94	
OEM REF No.:	
Nominal displacement	24.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-5000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-1524R/718

MANUFACTORY REF No.: PS3224-15R103	
OEM REF No.:	
Nominal displacement	32.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-12225R/731

MANUFACTORY REF No.: V20NF1D6P38C6G20	
OEM REF No.:	
Nominal displacement	20.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	22.7L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	NPT3/4
Direction of rotation	Right

NO.: ZYB-1528L/725

MANUFACTORY REF No.: QG-PSL103-36	
OEM REF No.: PS362815L103	
Nominal displacement	36.0ml/r
Maximum pressure	150bar
Highest rotational speed	3600r/min
Controlled flow rate	26.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1320R/731-1

MANUFACTORY REF No.: V20NF1D9T138C6G22	
OEM REF No.: 1516827C91	
Nominal displacement	29.7ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1824R/725-2

MANUFACTORY REF No.: PS362418R103	
OEM REF No.:	
Nominal displacement	36.0ml/r
Maximum pressure	180bar
Highest rotational speed	500-3600r/min
Controlled flow rate	24.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-1320L/731-2

MANUFACTORY REF No.: V20NF1D9T138C6G22LH	
OEM REF No.: 1660908C91	
Nominal displacement	29.7ml/r
Maximum pressure	130bar
Highest rotational speed	500-3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1528L/726

MANUFACTORY REF No.: QG-PSL113-36	
OEM REF No.: PS362815L113	
Nominal displacement	36.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3600r/min
Controlled flow rate	26.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-12225R/731-3

MANUFACTORY REF No.: V20NF1D11P38C6G20	
OEM REF No.:	
Nominal displacement	36.4ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	22.0L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	NPT3/4-14
Direction of rotation	Right

NO.: ZYB-12225R/731-4

MANUFACTORY REF No.: V20NF1D11P38C6G20	
OEM REF No.: 1516827C91	
Nominal displacement	36.4ml/r
Maximum pressure	120bar
Highest rotational speed	500-3200r/min
Controlled flow rate	22.0L/min
Fuel feed hole	1 5/16-12UN-2B
Fuel discharge hole	NPT3/4-14
Direction of rotation	Right

NO.: ZYB-14522R/769A

MANUFACTORY REF No.: LH2115909	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	145bar
Highest rotational speed	500-5000r/min
Controlled flow rate	22.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-16522L/741

MANUFACTORY REF No.: 3820856C91	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-5000r/min
Controlled flow rate	22.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZYB-16522R/769B

MANUFACTORY REF No.: LH2115523	
OEM REF No.:	
Nominal displacement	28.0ml/r
Maximum pressure	165bar
Highest rotational speed	500-5000r/min
Controlled flow rate	22.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-18516L/741A

MANUFACTORY REF No.: LH2114080	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-5000r/min
Controlled flow rate	19.2L/min
Fuel feed hole	1-1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: ZYB-1209L/800

MANUFACTORY REF No.: 7004285X91	
OEM REF No.: MWM	
Nominal displacement	11.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-4800r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17.4
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Left

NO.: ZYB-18516R/741B

MANUFACTORY REF No.: 3824643C91	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-5000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

NO.: ZYB-0000L/800-1

MANUFACTORY REF No.: 7002663C1	
OEM REF No.:	
Nominal displacement	00.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-4800r/min
Controlled flow rate	00.0L/min
Fuel feed hole	Φ17.8
Fuel discharge hole	Φ13.0
Direction of rotation	Left

NO.: ZYB-18516R/769

MANUFACTORY REF No.: 3836058C91	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-5000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: ZYB-13511L/800-2

MANUFACTORY REF No.: 7002659C1	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-4800r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	3/4-16UNF-2A
Direction of rotation	Left

NO.: ZYB-1316L/850

MANUFACTORY REF No.: PS251613L11101	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	1 1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

No.:ZYB-1516L/850-1	MANUFACTORY REF.No.:PS2516-15L111
No.:ZYB-1216L/850-1A	MANUFACTORY REF.No.:PS2516-12L111
No.:ZYB-1320L/850-2	MANUFACTORY REF.No.:PS2820-13L111
No.:ZYB-1520L/850-3	MANUFACTORY REF.No.:PS2820-15L111
No.:ZYB-1524L/850-4	MANUFACTORY REF.No.:PS3624-15L111
No.:ZYB-1528L/850-5	MANUFACTORY REF.No.:PS3628-15L111
No.:ZYB-1514L/850-6	MANUFACTORY REF.No.:PS2214-15L111
No.:ZYB-1528L/850-7	MANUFACTORY REF.No.:PS2828-15L111

NO.: ZYB-0808L/853-1

MANUFACTORY REF No.: 7002662C1	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-4800r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Left

NO.: ZYB-1209R/866

MANUFACTORY REF No.: VW Transporterv 2.5 TDI(7HO 422 153H)	
OEM REF No.:	
Nominal displacement	12.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right



All original numbers of the items, names and illustrations shown in this catalogue are given for comparison and reference only.

No.:ZYB-1514L/583A	MANUFACTORY REF.No.:PS2214-15L116
No.:ZYB-1528L/583-1	MANUFACTORY REF.No.:PS2828-15L116
No.:ZYB-1520L/583-2	MANUFACTORY REF.No.:PS2820-15L116
No.:ZYB-1514L/583-2B	MANUFACTORY REF.No.:PS2514-15L116
No.:ZYB-1616L/583-3	MANUFACTORY REF.No.:PS2516-16L116
No.:ZYB-1516L/583-3A	MANUFACTORY REF.No.:PS2516-15L116
No.:ZYB-1524L/669A	MANUFACTORY REF.No.:PS3624-15L102
No.:ZYB-1524L/718-1	MANUFACTORY REF.No.:PS3224-15L103
No.:ZYB-1524R/725-1	MANUFACTORY REF.No.:PS3624-15R103
No.:ZYB-1528R/725-3	MANUFACTORY REF.No.:PS3628-15R103
No.:ZYB-1824R/851	MANUFACTORY REF.No.:PS3224-18R101
No.:	MANUFACTORY REF.No.:PS3224-18R103
No.:	MANUFACTORY REF.No.:PS3224-15L105
No.:	MANUFACTORY REF.No.:PS3228-15L105
No.:	MANUFACTORY REF.No.:PS2824-16L106
No.:	MANUFACTORY REF.No.:PEV2016-15L101
No.:	MANUFACTORY REF.No.:PS2516-16L206
No.:	MANUFACTORY REF.No.:PEV2516-15R112
No.:	MANUFACTORY REF.No.:PEV2216-18R112
No.:	MANUFACTORY REF.No.:PS2824-16R106
No.:	MANUFACTORY REF.No.:PS282816R10500AP
No.:	MANUFACTORY REF.No.:PS1816-19L333A4
No.:	MANUFACTORY REF.No.:PS2216-16L213
No.:	MANUFACTORY REF.No.:PS2214-15R106
No.:	MANUFACTORY REF.No.:EV201618L10101
No.:	MANUFACTORY REF.No.:EV221415L10100
No.:	MANUFACTORY REF.No.:EV221616L10106
No.:	MANUFACTORY REF.No.:PS2516-10R107
No.:	MANUFACTORY REF.No.:PS1816-15R115
No.:	MANUFACTORY REF.No.:PS1816-16R106
No.:	MANUFACTORY REF.No.:PS221616L21301
No.:	MANUFACTORY REF.No.:PS2524-15L112
No.:	MANUFACTORY REF.No.:PS3224-18L103
No.:	MANUFACTORY REF.No.:PS3228-15R11401
No.:	MANUFACTORY REF.No.:PS22161666L323A1

# 25

## PASSENGER CAR SERIES

NO.: ZYB-0708R/169

MANUFACTORY REF No.: PA9077	
OEM REF No.: LANDROVER	
Nominal displacement	12.0ml/r
Maximum pressure	70bar
Highest rotational speed	500-3200r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M12 x 1.25
Direction of rotation	Right

All original numbers of the items, names and illustrations shown in this catalogue are given for comparison and reference only.

NO.: ZYB-0708R/172

MANUFACTORY REF No.: 7691 955 254	
OEM REF No.: Land Rover 5407	
Nominal displacement	8.5ml/r
Maximum pressure	70bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.3
Fuel discharge hole	M16 x 15
Direction of rotation	Right

NO.: ZYB-1106R/172-1

MANUFACTORY REF No.: 7691 955 199	
OEM REF No.: OPEL 90540019/948062	
Nominal displacement	8.5ml/r
Maximum pressure	110bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17.3
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

NO.: ZYB-0708R/173

MANUFACTORY REF No.: 7691 974 145	
OEM REF No.: KUNDEN/JAGUAR ERR4066	
Nominal displacement	8.5ml/r
Maximum pressure	70bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.3
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

NO.: ZYB-1055R/265

MANUFACTORY REF No.: ZF 7691 955 400	
OEM REF No.: VW SANTANA2000	
Nominal displacement	8.0ml/r
Maximum pressure	100bar
Highest rotational speed	300-6000r/min
Controlled flow rate	5.5L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x 15
Direction of rotation	Right

NO.: ZYB-0910R/363-6

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.3ml/r
Maximum pressure	90bar
Highest rotational speed	500-7500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

All original numbers of the items, names and illustrations shown in this catalogue are given for comparison and reference only.

NO.: ZYB-1007R/363-7

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.3ml/r
Maximum pressure	100bar
Highest rotational speed	500-7500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1008R/379-16

MANUFACTORY REF No.: 32411092741	
OEM REF No.: E39	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-1008R/443-8

MANUFACTORY REF No.: 662901/769190	
OEM REF No.: W202 W210	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-1108R/443-9

MANUFACTORY REF No.: 24660701	
OEM REF No.: Sprinter	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-1007R/533

MANUFACTORY REF No.: ZF 7690 955 105	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

All original numbers of the items, names and illustrations shown in this catalogue are given for comparison and reference only.

NO.: ZYB-1008R/533-1

MANUFACTORY REF No.: 2D 0422155C	
OEM REF No.: VW LT35	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1009R/649-1

MANUFACTORY REF No.:	
OEM REF No.: TOYOTA	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ14.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1005R/553

MANUFACTORY REF No.: 89445-04113	
OEM REF No.: CHEVROLET	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ18.4
Fuel discharge hole	Φ15.2
Direction of rotation	Right

NO.: ZYB-0907L/652

MANUFACTORY REF No.: HONDA	
OEM REF No.: NEW ACCORD 2.4	
Nominal displacement	10.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.2
Fuel discharge hole	Φ18.0
Direction of rotation	Left

NO.: ZYB-0707R/598-5

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	70bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M14x1.5-6H
Direction of rotation	Right

NO.: ZYB-1007R/658

MANUFACTORY REF No.:	
OEM REF No.: Cardone 20-2402	
Nominal displacement	8.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-1008R/642

MANUFACTORY REF No.: 4B0145156	
OEM REF No.: AUDI A6	
Nominal displacement	8.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

NO.: ZYB-09506R/658-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	95bar
Highest rotational speed	500-6000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-1009R/642-1

MANUFACTORY REF No.:	
OEM REF No.: AUDIA62.4/2.8L	
Nominal displacement	8.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

NO.: ZYB-0910R/662-2

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.3ml/r
Maximum pressure	90bar
Highest rotational speed	500-7500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-1012R/663-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.3ml/r
Maximum pressure	100bar
Highest rotational speed	500-7500r/min
Controlled flow rate	12.0L/min
Fuel feed hole	Φ26.5
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-1008R/735

MANUFACTORY REF No.:	
OEM REF No.: GM	
Nominal displacement	9.0ml/r
Maximum pressure	100bar
Highest rotational speed	8000r/min
Controlled flow rate	7.5L/min
Fuel feed hole	Φ19.39
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-0910R/686

MANUFACTORY REF No.:	
OEM REF No.: Cardone 20-2403	
Nominal displacement	12.0ml/r
Maximum pressure	90bar
Highest rotational speed	600-7000r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ20H
Fuel discharge hole	M20 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-0908R/779

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	8.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	Φ16.8
Direction of rotation	Right

NO.: ZYB-0910R/686-1

MANUFACTORY REF No.: 1040003	
OEM REF No.:	
Nominal displacement	12.0ml/r
Maximum pressure	90bar
Highest rotational speed	600-7000r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-1009R/813

MANUFACTORY REF No.:	
OEM REF No.: 10400012	
Nominal displacement	9.6ml/r
Maximum pressure	100bar
Highest rotational speed	600-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ21
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-0908R/721

MANUFACTORY REF No.: Jeep Cherokee	
OEM REF No.: 52087871AD	
Nominal displacement	8.5ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ19.5
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-0908R/815A

MANUFACTORY REF No.:	
OEM REF No.: FORD FALCON EF-AV6C/L/FORD 6CYLINDER CARS/FORD 1996-2002	
Nominal displacement	14.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-5000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ10
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-0807R/734-3

MANUFACTORY REF No.:	
OEM REF No.: Cardone 21-5931	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1014R/815-1

MANUFACTORY REF No.:	
OEM REF No.: 26132503	
Nominal displacement	14.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-3500r/min
Controlled flow rate	14.0L/min
Fuel feed hole	Φ11
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-08512R/815-2

MANUFACTORY REF No.:	
OEM REF No.: FORD	
Nominal displacement	14.5ml/r
Maximum pressure	85bar
Highest rotational speed	500-5000r/min
Controlled flow rate	12.0L/min
Fuel feed hole	3/4-16UNF-2B
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1014R/815-7

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-08512R/815-3

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.5ml/r
Maximum pressure	88bar
Highest rotational speed	500-5000r/min
Controlled flow rate	12.0L/min
Fuel feed hole	Φ10
Fuel discharge hole	5/8-18UNF-2B
Direction of rotation	Right

NO.: ZYB-1012R/815-8

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-5000r/min
Controlled flow rate	12L/min
Fuel feed hole	
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1014R/815-4

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-08507R/855

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	85bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18.2
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-1014R/815-5

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-09507R/2010

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9.0ml/r
Maximum pressure	95bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7L/min
Fuel feed hole	Φ14.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1014R/815-6

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-0807R/2035

MANUFACTORY REF No.:	
OEM REF No.: 44310-07040	
Nominal displacement	9.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-1009R/2038

MANUFACTORY REF No.:	
OEM REF No.: 52855925AC	
Nominal displacement	9.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9 L/min
Fuel feed hole	Φ14.5
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

NO.: ZYB-0908R/2048

MANUFACTORY REF No.: 028145157D	
OEM REF No.: GOLE3	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-1209R/2038-1

MANUFACTORY REF No.:	
OEM REF No.: 43531000	
Nominal displacement	9.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9L/min
Fuel feed hole	Φ21
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: ZYB-09065R/2051

MANUFACTORY REF No.: 027145157B	
OEM REF No.: PASSATB4	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-0807R/2042

MANUFACTORY REF No.: 44310-12540	
OEM REF No.: TO COROLLA ZZE122	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-0809R/2056

MANUFACTORY REF No.: 44320-35630	
OEM REF No.: TO LAND CRUISER RZJ120	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: ZYB-0807R/2042-1

MANUFACTORY REF No.: 43310-33150	
OEM REF No.: TO CAMRY ACV30	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:


MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	


NO.: ZYB-1008R/2043


MANUFACTORY REF No.: 6N0145155E	
OEM REF No.: PASSATB3	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	


NO.:

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	


<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b>
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b> 44310-0C030
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation


<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b>
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b> 4431008010
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation


<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b>
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation


<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b> 34430SA0019L
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation


<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b>
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation


<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b> 56110-PND-003
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b>
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation


<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b> 57100-2E100
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b>
	<b>OEM REF No.:</b>
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b> ZCB-1316L/123	
	<b>MANUFACTORY REF No.:</b> NDF258
	<b>OEM REF No.:</b> RENAULT
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b> Cardone : 21-4045
	<b>OEM REF No.:</b>
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b> ZCB-1316R/129	
	<b>MANUFACTORY REF No.:</b> 80225
	<b>OEM REF No.:</b> RENAULT
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b>	
	<b>MANUFACTORY REF No.:</b> Cardone:21-5341
	<b>OEM REF No.:</b>
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b> ZCB-1316L/141	
	<b>MANUFACTORY REF No.:</b> 800255
	<b>OEM REF No.:</b> RENAULT
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

# 26

## HYDRAULIC PUMP FOR RENAULT

<b>NO.:</b> ZCB-0016L/388	
	<b>MANUFACTORY REF No.:</b> 555224 771
	<b>OEM REF No.:</b> RENAULT 5000787865
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b> ZCB-1314R/121	
	<b>MANUFACTORY REF No.:</b> NDF258
	<b>OEM REF No.:</b> RENAULT
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

<b>NO.:</b> ZCB-0015R/411	
	<b>MANUFACTORY REF No.:</b> 555 239 652
	<b>OEM REF No.:</b> RENAULT
	Nominal displacement
	Maximum pressure
	Highest rotational speed
	Controlled flow rate
	Fuel feed hole
	Fuel discharge hole
	Direction of rotation

**NO.: ZCB-0018R/426**



MANUFACTORY REF No.: XA 5093808+A	
OEM REF No.: RENAULT 555 600 054/5010 600 046/5001 865 386/550 000 054	
Nominal displacement	18.0ml/r
Maximum pressure	225bar
Highest rotational speed	3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M16 × 1.5
Direction of rotation	Right

**NO.: ZCB-0021R/426-5**



MANUFACTORY REF No.:	
OEM REF No.: RENAULT	
Nominal displacement	15.0ml/r
Maximum pressure	225bar
Highest rotational speed	3200r/min
Controlled flow rate	21.0L/min
Fuel feed hole	M28 × 1.5
Fuel discharge hole	M24 × 1.5
Direction of rotation	Right

**NO.: ZCB-0018R/426-1**



MANUFACTORY REF No.: 5010600054	
OEM REF No.: RENAULT	
Nominal displacement	18.0ml/r
Maximum pressure	225bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16 × 1.5
Direction of rotation	Right

**NO.: ZCB-0020R/955**



MANUFACTORY REF No.:	
OEM REF No.: RENAULT	
Nominal displacement	22.0ml/r
Maximum pressure	225bar
Highest rotational speed	3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26 × 1.5
Fuel discharge hole	M16 × 1.5
Direction of rotation	Right

**NO.: ZCB-0018R/426-2**



MANUFACTORY REF No.:	
OEM REF No.: RENAULT	
Nominal displacement	18.0ml/r
Maximum pressure	225bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26 × 1.5
Fuel discharge hole	M16 × 1.5
Direction of rotation	Right

**NO.: ZCB-0020R/955-1**



MANUFACTORY REF No.:	
OEM REF No.: RENAULT	
Nominal displacement	22.0ml/r
Maximum pressure	225bar
Highest rotational speed	3200r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26 × 1.5
Fuel discharge hole	M16 × 1.5
Direction of rotation	Right

**NO.: ZCB-0018L/426-3**



MANUFACTORY REF No.:	
OEM REF No.: RENAULT	
Nominal displacement	18.0ml/r
Maximum pressure	225bar
Highest rotational speed	500-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M16 × 1.5
Direction of rotation	Left


**NO.: ZCB-0018L/961**



MANUFACTORY REF No.:	
OEM REF No.: RENAULT	
Nominal displacement	15.0ml/r
Maximum pressure	225bar
Highest rotational speed	3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ20-4 × M6pcd40
Fuel discharge hole	M16 × 1.5
Direction of rotation	Left



**NO.: ZCB-1614/961-1**




MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	16.0ml/r
Maximum pressure	200bar
Highest rotational speed	3500r/min
Controlled flow rate	
Fuel feed hole	Φ20 × 4-M6
Fuel discharge hole	M16 × 1.5
Direction of rotation	Right

**NO.: ZCB-1614/961-2**



MANUFACTORY REF No.: 770013742	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

**NO.: CB-1016R/191**



MANUFACTORY REF No.: 7930	
OEM REF No.: FIAT480	
Nominal displacement	11.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ13.6
Direction of rotation	Right

**NO.: CB-F12.5+8L/1011**



MANUFACTORY REF No.: 770013742	
OEM REF No.: RENAULT	
Nominal displacement	8.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	12.0L/min
Fuel feed hole	Φ20/Φ20
Fuel discharge hole	Φ15/Φ15
Direction of rotation	Left

**NO.: ZCB-1011L/918**



MANUFACTORY REF No.: FIAT	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	100bar
Highest rotational speed	150r/min
Controlled flow rate	
Fuel feed hole	Φ20
Fuel discharge hole	Φ13.6
Direction of rotation	Left

**27 HYDRAULIC PUMP FOR FIAT**

**NO.: ZCB-1016R/918A**



MANUFACTORY REF No.: Fiat	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	100bar
Highest rotational speed	150r/min
Controlled flow rate	
Fuel feed hole	Φ20
Fuel discharge hole	Φ13.6
Direction of rotation	Right

**NO.: CB-1016L/190**



MANUFACTORY REF No.: 7930	
OEM REF No.: FIAT640	
Nominal displacement	11.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ13.6
Direction of rotation	Left

**NO.: CB-1618L/928**



MANUFACTORY REF No.: A42XP43SS	
OEM REF No.: FIAT	
Nominal displacement	18.0ml/r
Maximum pressure	200bar
Highest rotational speed	3000r/min
Controlled flow rate	26.3L/min
Fuel feed hole	Φ19.2/4-M8/PCD40
Fuel discharge hole	Φ14.2/4 × M6/PCD35
Direction of rotation	Left

**NO.: CB-1016L/190-1**



MANUFACTORY REF No.:	
OEM REF No.: FIAT640	
Nominal displacement	12.5ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	186.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ15
Direction of rotation	Left

**NO.: CB-1615L/928-1**



MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	15.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ14.2
Direction of rotation	Left

NO.: CB-1611/928-2

MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	11.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	M18 x 1.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

NO.: CB-2019L/942-4

MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	19.0ml/r
Maximum pressure	225bar
Highest rotational speed	500-300r/min
Controlled flow rate	28.5L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ14
Direction of rotation	Left

NO.: CB-1611L/928-3

MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	11.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	M18 x 1.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Left

NO.: CB-1620L/949

MANUFACTORY REF No.: A42	
OEM REF No.:	
Nominal displacement	20.0ml/r
Maximum pressure	200bar
Highest rotational speed	2000r/min
Controlled flow rate	30.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ15
Direction of rotation	Left

NO.: CB-2015R/942

MANUFACTORY REF No.: C33	
OEM REF No.:	
Nominal displacement	15.0ml/r
Maximum pressure	225bar
Highest rotational speed	1500r/min
Controlled flow rate	22.5L/min
Fuel feed hole	Φ19.2
Fuel discharge hole	Φ14.2
Direction of rotation	Right

NO.: CB-1609R/949-1

MANUFACTORY REF No.: C18	
OEM REF No.: FIAT	
Nominal displacement	9.0ml/r
Maximum pressure	200bar
Highest rotational speed	2000r/min
Controlled flow rate	13.5L/min
Fuel feed hole	Φ13
Fuel discharge hole	Φ13
Direction of rotation	Right

NO.: CB-2015L/942-1

MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	15.0ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	26.7L/min
Fuel feed hole	Φ19/4-M8/PCD40
Fuel discharge hole	Φ14.2/4 x M8/PCD30
Direction of rotation	Left

NO.: CB-1613R/949-2

MANUFACTORY REF No.: C25	
OEM REF No.: FIAT	
Nominal displacement	13.0ml/r
Maximum pressure	200bar
Highest rotational speed	2000r/min
Controlled flow rate	19.5L/min
Fuel feed hole	Φ19.2
Fuel discharge hole	Φ14.2
Direction of rotation	Right

NO.: CB-2019L/942-3

MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	19.0ml/r
Maximum pressure	225bar
Highest rotational speed	500-3000r/min
Controlled flow rate	28.5L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ14
Direction of rotation	Left

NO.: CB-1613L/949-3

MANUFACTORY REF No.: A25	
OEM REF No.: FIAT	
Nominal displacement	13.0ml/r
Maximum pressure	200bar
Highest rotational speed	2000r/min
Controlled flow rate	19.5L/min
Fuel feed hole	Φ19.2
Fuel discharge hole	Φ14.2
Direction of rotation	Left

NO.: CB-1615L/949-4

MANUFACTORY REF No.: A33	
OEM REF No.: FIAT	
Nominal displacement	15.0ml/r
Maximum pressure	200bar
Highest rotational speed	2000r/min
Controlled flow rate	22.5L/min
Fuel feed hole	Φ19.2
Fuel discharge hole	Φ14.2
Direction of rotation	Left

NO.: CB-1619R/949-11

MANUFACTORY REF No.: 5179726	
OEM REF No.: FIAT	
Nominal displacement	19.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	28.5L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ14
Direction of rotation	Right

NO.: CB-1613/949-5

MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	13.0ml/r
Maximum pressure	200bar
Highest rotational speed	2000r/min
Controlled flow rate	19.5L/min
Fuel feed hole	5/8-18UNF
Fuel discharge hole	M14 x 1.5
Direction of rotation	Right

NO.: ZCB-0021R/1018

MANUFACTORY REF No.:	
OEM REF No.: FIAT/2TR19DVR20U2 FB	
Nominal displacement	19.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	21.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M18 x 1.5
Direction of rotation	Right

NO.: CB-1613L/949-6

MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	13.0ml/r
Maximum pressure	200bar
Highest rotational speed	2000r/min
Controlled flow rate	19.5L/min
Fuel feed hole	5/8-18UNF
Fuel discharge hole	M14 x 1.5
Direction of rotation	Left

NO.: ZCB-0021R/1018-1

MANUFACTORY REF No.:	
OEM REF No.: 2TR16DVR19U1FP	
Nominal displacement	16.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	21.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M18 x 1.5
Direction of rotation	Left

NO.: CB-1616R/949-9

MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	16.0ml/r
Maximum pressure	200bar
Highest rotational speed	3000r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ13.5
Direction of rotation	Right

NO.: CB-B3.7L/1031

MANUFACTORY REF No.:	
OEM REF No.: FIAT IVECO 504140125	
Nominal displacement	3.7ml/r
Maximum pressure	5MPa
Highest rotational speed	500-3000r/min
Controlled flow rate	5.5L/min
Fuel feed hole	M16 x 1.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Left

NO.: CB-1615R/949-10

MANUFACTORY REF No.: 5179728	
OEM REF No.: FIAT 5129486/5169039	
Nominal displacement	15.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	22.5L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ14
Direction of rotation	Right

NO.: CB-E6.5L/1036

MANUFACTORY REF No.:	
OEM REF No.: 311547576	
Nominal displacement	6.5ml/r
Maximum pressure	16MPa
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	φ 15
Fuel discharge hole	φ 8
Direction of rotation	Left

NO.: CB-F31/1063



MANUFACTORY REF No.:	
OEM REF No.: A72	
Nominal displacement	31ml/r
Maximum pressure	25MPa
Highest rotational speed	2500r/min
Controlled flow rate	
Fuel feed hole	4*M10/PDC50.7-φ27
Fuel discharge hole	4*M8/PDC39.7-φ19
Direction of rotation	Right

NO.: CB-1016L/225



MANUFACTORY REF No.: 05106 158322	
OEM REF No.: DEUTZ	
Nominal displacement	15.77ml/r
Maximum pressure	100bar
Highest rotational speed	600-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M18 x 1.5
Direction of rotation	Left

NO.: CB-F31L/1063-1



MANUFACTORY REF No.:	
OEM REF No.: C72	
Nominal displacement	31ml/r
Maximum pressure	25MPa
Highest rotational speed	2500r/min
Controlled flow rate	
Fuel feed hole	4*M10/PDC50.7-φ27
Fuel discharge hole	4*M8/PDC39.7-φ19
Direction of rotation	Left

NO.: CB-1620R/366



MANUFACTORY REF No.: 1515105039	
OEM REF No.: DEUTZ	
Nominal displacement	23.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	28.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ15
Direction of rotation	Right

# 28 HYDRAULIC PUMP FOR DEUTZ

NO.: CB-1615R/1014



MANUFACTORY REF No.:	
OEM REF No.: DEUTZ 5180273	
Nominal displacement	15.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M18 x 1.5
Direction of rotation	Right

NO.: ZCB-1016R/95



MANUFACTORY REF No.: 1515105039	
OEM REF No.: DEUTZ	
Nominal displacement	15.77ml/r
Maximum pressure	100bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M18 x 1.5
Direction of rotation	Right

NO.: ZCB-2012/1014-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	20bar
Highest rotational speed	3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	4*M8/PDC40-Φ19
Fuel discharge hole	M18 x 1.5
Direction of rotation	Right

NO.: CB-1016L/224



MANUFACTORY REF No.: 05106 15333	
OEM REF No.: DEUTZ FL912-913	
Nominal displacement	16.0ml/r
Maximum pressure	175bar
Highest rotational speed	600-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ15
Direction of rotation	Left

NO.: CB-F11-8L/1045



MANUFACTORY REF No.:	
OEM REF No.: 0510 565 234 DEUTZ	
Nominal displacement	11/8ml/r
Maximum pressure	160bar/160bar
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	Φ20 x 4-M6/Φ20 x 4-M6
Fuel discharge hole	Φ15 x 4-M6/Φ15 x 4-M6
Direction of rotation	Left

NO.: CB-F16L/1047



MANUFACTORY REF No.:	
OEM REF No.: 20A16X007 DEUTZ	
Nominal displacement	16.0ml/r
Maximum pressure	250bar/160bar
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	Φ20 x 4-M6
Fuel discharge hole	Φ15 x 4-M6
Direction of rotation	Left

NO.: ZCB-0916L/380-2



MANUFACTORY REF No.: 87759440	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	90bar
Highest rotational speed	3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	5/8-18UNF
Fuel discharge hole	9/16-18UNF
Direction of rotation	Left

# 29 HYDRAULIC PUMP FOR FORD

NO.: ZCB-0016L/400



MANUFACTORY REF No.: 87540941 J06	
OEM REF No.: FORD	
Nominal displacement	14.0ml/r
Maximum pressure	225bar
Highest rotational speed	3000r/min
Controlled flow rate	17.0L/min
Fuel feed hole	3/4-16UNF-2A
Fuel discharge hole	9/16-18UNF-2A
Direction of rotation	Left

NO.: CB-2519R/252



MANUFACTORY REF No.: 20A 16x086	
OEM REF No.: FORD	
Nominal displacement	16.0ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	24.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ15
Direction of rotation	Right

NO.: ZCB-0016L/400-2



MANUFACTORY REF No.: 83960261	
OEM REF No.: FORD	
Nominal displacement	14.0ml/r
Maximum pressure	225bar
Highest rotational speed	3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	3/4-16UNF
Fuel discharge hole	9/16-18UNF
Direction of rotation	Left

NO.: ZCB-2519L/252-1



MANUFACTORY REF No.: 20A 16x086	
OEM REF No.: FORD	
Nominal displacement	16.0ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	24.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ20
Direction of rotation	Left

NO.: ZCB-1413L/930



MANUFACTORY REF No.:	
OEM REF No.: FORD	
Nominal displacement	11.0ml/r
Maximum pressure	140bar
Highest rotational speed	3200r/min
Controlled flow rate	13.0L/min
Fuel feed hole	M32 x 1.5-6H
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZCB-0916L/380



MANUFACTORY REF No.: 87540875 F06	
OEM REF No.: FORD	
Nominal displacement	11.0ml/r
Maximum pressure	90bar
Highest rotational speed	3000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	5/8-18UNFV
Fuel discharge hole	9/16-18UNF
Direction of rotation	Left

NO.: ZCB-0916L/987



MANUFACTORY REF No.:	
OEM REF No.: FORD	
Nominal displacement	10.0ml/r
Maximum pressure	90bar
Highest rotational speed	3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	5/8-18UNF-2A
Fuel discharge hole	9/16-18UNF-2B
Direction of rotation	Left

NO.: ZCB-0916L/987-1

MANUFACTORY REF No.:	
OEM REF No.: E6NN3K514PA	
Nominal displacement	15.0ml/r
Maximum pressure	90bar
Highest rotational speed	3200r/min
Controlled flow rate	
Fuel feed hole	3/4-16UNF
Fuel discharge hole	9/16-18UNF
Direction of rotation	Left

NO.: CB-1008L/408

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	5.2ml/r
Maximum pressure	225bar
Highest rotational speed	3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M18 x 1.5-6H
Fuel discharge hole	M18 x 1.5-6H
Direction of rotation	Left

NO.: CB-F08+12L/939-1

MANUFACTORY REF No.: 052107T1	
OEM REF No.: MF	
Nominal displacement	8.0ml/r;12.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	12.0L/min;18.0L/min
Fuel feed hole	Φ20;Φ20
Fuel discharge hole	Φ15;Φ15
Direction of rotation	Left

NO.: CB-17518L/971

MANUFACTORY REF No.: 3225772 M92	
OEM REF No.: MF	
Nominal displacement	16.0ml/r
Maximum pressure	175bar
Highest rotational speed	3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ20/4-M6/PCD40
Fuel discharge hole	M18 x 1.5
Direction of rotation	Left

**30** HYDRAULIC PUMP FOR MASSEY FERGUSON

NO.: CB-1005L/408-1

MANUFACTORY REF No.:	
OEM REF No.: MF	
Nominal displacement	5.2ml/r
Maximum pressure	100bar
Highest rotational speed	1500r/min
Controlled flow rate	1500.0L/min
Fuel feed hole	9/16-18UNF-2B
Fuel discharge hole	9/16-18UNF-2B
Direction of rotation	Left

NO.: CB-1121R/965

MANUFACTORY REF No.: 4249207M91	
OEM REF No.: MF	
Nominal displacement	11.0ml/r
Maximum pressure	210bar
Highest rotational speed	500-3000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	Φ10
Direction of rotation	Right

NO.: CB-1105L/990

MANUFACTORY REF No.:	
OEM REF No.: 3148760M91BOSCH NO.9540082507	
Nominal displacement	5.0ml/r
Maximum pressure	110bar
Highest rotational speed	3200r/min
Controlled flow rate	7.5L/min
Fuel feed hole	9/16-18UNF
Fuel discharge hole	9/16-18UNF
Direction of rotation	Left

NO.: CB-17509L/390

MANUFACTORY REF No.: MASSEY FERGUSON 375	
OEM REF No.:	
Nominal displacement	6.2ml/r
Maximum pressure	175bar
Highest rotational speed	3000r/min
Controlled flow rate	9.3L/min
Fuel feed hole	M18 x 1.5-6H
Fuel discharge hole	M18 x 1.5-6H
Direction of rotation	Left

NO.: CB-1805L/423

MANUFACTORY REF No.: 3819972 M91	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	5.2ml/r
Maximum pressure	175bar
Highest rotational speed	4500r/min
Controlled flow rate	7.8L/min
Fuel feed hole	M18 x 1.5-6H
Fuel discharge hole	M18 x 1.5-6H
Direction of rotation	Left

NO.: CB-0521L/966

MANUFACTORY REF No.: 1927P00101	
OEM REF No.: MF	
Nominal displacement	5.0ml/r
Maximum pressure	210bar
Highest rotational speed	500-3000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ15
Fuel discharge hole	Φ10
Direction of rotation	Left

NO.: CB-1105L/990-2

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: CB-1009L/390-1

MANUFACTORY REF No.: 3115 370 93/1	
OEM REF No.: MF 897147 M92	
Nominal displacement	6.2ml/r
Maximum pressure	100bar
Highest rotational speed	3000r/min
Controlled flow rate	9.3L/min
Fuel feed hole	9/16-18UNF-2B
Fuel discharge hole	9/16-18UNF-2B
Direction of rotation	Left

NO.: CB-1606L/938

MANUFACTORY REF No.:	
OEM REF No.: MF385	
Nominal displacement	6.2ml/r
Maximum pressure	160bar
Highest rotational speed	1500r/min
Controlled flow rate	9.3L/min
Fuel feed hole	M18 x 1.5-6H
Fuel discharge hole	M18 x 1.5-6H
Direction of rotation	Left

NO.: ZCB-1206R/968

MANUFACTORY REF No.:	
OEM REF No.: MF	
Nominal displacement	6.0ml/r
Maximum pressure	120bar
Highest rotational speed	3600r/min
Controlled flow rate	6.0L/min
Fuel feed hole	NPT3/8
Fuel discharge hole	NPT1/4
Direction of rotation	Right

NO.: ZCB-1106R/1020

MANUFACTORY REF No.: 523090M91	
OEM REF No.: MF	
Nominal displacement	6.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3000r/min
Controlled flow rate	7.2L/min
Fuel feed hole	9/16-18UNF-2B
Fuel discharge hole	9/16-18UNF-2B
Direction of rotation	Right

NO.: CB-1606L/390-2

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	6.2ml/r
Maximum pressure	160bar
Highest rotational speed	2500r/min
Controlled flow rate	9.3L/min
Fuel feed hole	9/16-18UNF-2B
Fuel discharge hole	9/16-18UNF-2B
Direction of rotation	Left

NO.: CB-D10+08L/939

MANUFACTORY REF No.: P0030	
OEM REF No.: 3597706M91	
Nominal displacement	11.0ml/r;8.0ml/r
Maximum pressure	100bar
Highest rotational speed	1500r/min
Controlled flow rate	16L/min;11.5L/min
Fuel feed hole	Φ20;M18 x 1.5
Fuel discharge hole	M18 x 1.5;M18 x 1.5
Direction of rotation	Left

NO.: ZCB-1205R/969

MANUFACTORY REF No.:	
OEM REF No.: MF	
Nominal displacement	5.0ml/r
Maximum pressure	120bar
Highest rotational speed	3600r/min
Controlled flow rate	5.0L/min
Fuel feed hole	NPT3/8
Fuel discharge hole	NPT1/4
Direction of rotation	Right

NO.: ZCB-1106R/1020-1

MANUFACTORY REF No.: 523092M91	
OEM REF No.: MF	
Nominal displacement	6.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3000r/min
Controlled flow rate	7.2L/min
Fuel feed hole	9/16-18UNF-2B
Fuel discharge hole	9/16-18UNF-2B
Direction of rotation	Right

NO.: ZCB-1106L/1020-2



MANUFACTORY REF No.: 523089M91	
OEM REF No.: MF	
Nominal displacement	6.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3000r/min
Controlled flow rate	7.2L/min
Fuel feed hole	9/16-18UNF-2B
Fuel discharge hole	9/16-18UNF-2B
Direction of rotation	Left

31

HYDRAULIC PUMP FOR KOMATSU

NO.:ZCB-604R/1056



MANUFACTORY REF No.:	
OEM REF No.: MF 311537091M	
Nominal displacement	6.0ml/r
Maximum pressure	11MPa
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	M16 x 1.5
Fuel discharge hole	M14 x 1.5
Direction of rotation	Right

NO.: CB-21L/342



MANUFACTORY REF No.: CCB-1	
OEM REF No.: KOMATSU	
Nominal displacement	32.0ml/r
Maximum pressure	200bar
Highest rotational speed	600-3000r/min
Controlled flow rate	35.0L/min
Fuel feed hole	G1"
Fuel discharge hole	G1/2"
Direction of rotation	Left

NO.: ZCB-1621L/1056-1



MANUFACTORY REF No.:	
OEM REF No.: MF	
Nominal displacement	6.0ml/r
Maximum pressure	11MPa
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	M16 x 1.5
Fuel discharge hole	M14 x 1.5
Direction of rotation	Left

NO.: ZCB-32L/342-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	26.8ml/r
Maximum pressure	200bar
Highest rotational speed	3000r/min
Controlled flow rate	40.2L/min
Fuel feed hole	G1"
Fuel discharge hole	G1/2"
Direction of rotation	Left

NO.:CB-C07L/1058



MANUFACTORY REF No.:	
OEM REF No.: 1686765M91	
Nominal displacement	7ml/r
Maximum pressure	5MPa
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	9/16-18UNF
Fuel discharge hole	9/16-18UNF
Direction of rotation	Left

NO.: CB-52L/343



MANUFACTORY REF No.: SGP2A52L 723	
OEM REF No.:	
Nominal displacement	52.0ml/r
Maximum pressure	200bar
Highest rotational speed	400-3000r/min
Controlled flow rate	52.0L/min
Fuel feed hole	Φ32
Fuel discharge hole	Φ25
Direction of rotation	Left

NO.: CB-C14+7.5L/1059



MANUFACTORY REF No.:	
OEM REF No.: 886821M94	
Nominal displacement	14.0ml/r&7.5ml/r
Maximum pressure	10MPa&7MPa
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	3/4-16UNF
Fuel discharge hole	9/16-18UNF
Direction of rotation	Left

NO.: CB-52L/343-1



MANUFACTORY REF No.: SGP2A52L 764	
OEM REF No.:	
Nominal displacement	52.0ml/r
Maximum pressure	200bar
Highest rotational speed	3000r/min
Controlled flow rate	52.0L/min
Fuel feed hole	G1
Fuel discharge hole	G3/4
Direction of rotation	Left

NO.: ZYB-1318R/788



MANUFACTORY REF No.:	
OEM REF No.: KOMATSU	
Nominal displacement	17.96ml/r
Maximum pressure	130bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	RC3/4-14
Fuel discharge hole	RC1/2-14
Direction of rotation	Right

32

HYDRAULIC PUMP FOR OTHER

NO.: CB-B28+22/927



MANUFACTORY REF No.:	
OEM REF No.: KOMATSU	
Nominal displacement	28.0ml/r;22.0ml/r
Maximum pressure	50bar
Highest rotational speed	2000r/min
Controlled flow rate	
Fuel feed hole	Φ22
Fuel discharge hole	Φ11
Direction of rotation	Right

NO.: CB-1010L/205



MANUFACTORY REF No.: KP0588CGSS	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	Φ16
Direction of rotation	Left

NO.: CB-1619R/1007



MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	19.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	12.6L/min
Fuel feed hole	Φ25
Fuel discharge hole	Φ18
Direction of rotation	Right

NO.: CB-1010L/205-1



MANUFACTORY REF No.: KP0588CGSS	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	Φ16
Direction of rotation	Left

NO.: CB-F16+8L/1034



MANUFACTORY REF No.:	
OEM REF No.: 3A272-82200	
Nominal displacement	16+8ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	24L/min,1500L/min;12L/min,1500L/min
Fuel feed hole	Φ28.5
Fuel discharge hole	Φ15+Φ15
Direction of rotation	Left

NO.: CB-1010R/205-2



MANUFACTORY REF No.: KP0588 CHSS(413W)	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	Φ16
Direction of rotation	Right

NO.: CB-F16+8R/1034-1



MANUFACTORY REF No.:	
OEM REF No.: 3A272-82202	
Nominal displacement	16+8ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	24L/min,1500L/min;12L/min,1500L/min
Fuel feed hole	Φ28.5
Fuel discharge hole	Φ15+Φ15
Direction of rotation	Right

NO.: CB-1010R/205-3



MANUFACTORY REF No.: KP0588 CJSS(5J1CW)	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	Φ16
Direction of rotation	Right

NO.: CB-1010L/205-4

	MANUFACTORY REF No.:	
	OEM REF No.: KP0588ASS(5K4CW)	
	Nominal displacement	10.0ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	10.0L/min
	Fuel feed hole	Φ16
	Fuel discharge hole	Φ16
Direction of rotation	Left	

NO.: CB-0019R/433

	MANUFACTORY REF No.: JCB	
	OEM REF No.: MAHINDRA	
	Nominal displacement	12.0ml/r
	Maximum pressure	160bar
	Highest rotational speed	1500r/min
	Controlled flow rate	11.0L/min
	Fuel feed hole	Φ18
	Fuel discharge hole	Φ14.5
Direction of rotation	Right	

NO.: CF-F36+29/341-1

	MANUFACTORY REF No.: KP0588 CJSS(5J1CW)	
	OEM REF No.: JCB 20925580	
	Nominal displacement	36+29ml/r
	Maximum pressure	220bar
	Highest rotational speed	3000r/min
	Controlled flow rate	54L/min, rear 53.4L/min
	Fuel feed hole	Φ38
	Fuel discharge hole	1 1/16-12UNF-2B 7/8-14UNF-2B
Direction of rotation	Right	

NO.: CB-1616R/924

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	16.0ml/r
	Maximum pressure	200bar
	Highest rotational speed	1500r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	Φ30
	Fuel discharge hole	Φ18
Direction of rotation	Right	

NO.: CB-F36+26L/341-2

	MANUFACTORY REF No.: JCB	
	OEM REF No.: 20902900	
	Nominal displacement	36+29ml/r
	Maximum pressure	210ba
	Highest rotational speed	3000r/min
	Controlled flow rate	54L/min, rear 30L/min
	Fuel feed hole	Φ38
	Fuel discharge hole	1 1/16-12UNF-2B 7/8-14UNF-2B
Direction of rotation	Left	

NO.: CB-0505L/929

	MANUFACTORY REF No.: MACK 2445110500/BOSCH 0440020036	
	OEM REF No.:	
	Nominal displacement	5.0ml/r
	Maximum pressure	80bar
	Highest rotational speed	2500r/min
	Controlled flow rate	7.5L/min
	Fuel feed hole	NPT3/8
	Fuel discharge hole	Φ14.5
Direction of rotation	Left	

NO.: CB-1619L/361

	MANUFACTORY REF No.: GPO-130(440588)	
	OEM REF No.:	
	Nominal displacement	13.0ml/r
	Maximum pressure	160bar
	Highest rotational speed	600-3200r/min
	Controlled flow rate	19.0L/min
	Fuel feed hole	Φ16
	Fuel discharge hole	Φ16
Direction of rotation	Left	

NO.: CB-F07-11L/939-2

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	7/11.0ml/r
	Maximum pressure	160bar;160bar
	Highest rotational speed	
	Controlled flow rate	
	Fuel feed hole	Φ20 x 4-M6/Φ20 x 4-M6
	Fuel discharge hole	Φ15 x 4-M6/Φ15 x 4-M6
Direction of rotation	Left	

NO.: ZCB-1619R/361-1

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	13.0ml/r
	Maximum pressure	160bar
	Highest rotational speed	3200r/min
	Controlled flow rate	19.0L/min
	Fuel feed hole	Φ16
	Fuel discharge hole	Φ16
Direction of rotation	Right	

NO.: CB-B5.5L/946

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	5.5ml/r
	Maximum pressure	20bar
	Highest rotational speed	1500r/min
	Controlled flow rate	
	Fuel feed hole	Φ13
	Fuel discharge hole	Φ10
Direction of rotation	Left	

NO.: CB-E16+12R/953

	MANUFACTORY REF No.: C16x12K10RTB1	
	OEM REF No.: MF	
	Nominal displacement	16ml/r;12ml/r
	Maximum pressure	200bar
	Highest rotational speed	1500r/min
	Controlled flow rate	24L/min;18L/min
	Fuel feed hole	Φ20
	Fuel discharge hole	G3/8
Direction of rotation	Right	

NO.: CB-B40L/960

	MANUFACTORY REF No.:	
	OEM REF No.: MF	
	Nominal displacement	45.0ml/r
	Maximum pressure	11bar
	Highest rotational speed	1500r/min
	Controlled flow rate	60.0L/min
	Fuel feed hole	Φ26
	Fuel discharge hole	Φ20
Direction of rotation	Left	

NO.: CB-2016R/954

	MANUFACTORY REF No.: MU-33	
	OEM REF No.:	
	Nominal displacement	16ml/r
	Maximum pressure	250bar
	Highest rotational speed	1500r/min
	Controlled flow rate	24L/min
	Fuel feed hole	Φ19
	Fuel discharge hole	NPT3/8
Direction of rotation	Right	

NO.: CB-B3.2/972

	MANUFACTORY REF No.: BENZ A4570910501	
	OEM REF No.:	
	Nominal displacement	3.2ml/r
	Maximum pressure	10bar
	Highest rotational speed	3600r/min
	Controlled flow rate	4.8L/min
	Fuel feed hole	M16 x 1.5
	Fuel discharge hole	M16 x 1.5
Direction of rotation	Right	

NO.: CB-B3.2R/956

	MANUFACTORY REF No.: PQN 001310	
	OEM REF No.:	
	Nominal displacement	3.2ml/r
	Maximum pressure	25bar
	Highest rotational speed	3200r/min
	Controlled flow rate	4.8L/min
	Fuel feed hole	NPT3/8
	Fuel discharge hole	NPT3/8
Direction of rotation	Right	

NO.: CB-B8.2/973

	MANUFACTORY REF No.: BENZ A0040910501	
	OEM REF No.:	
	Nominal displacement	6.2ml/r
	Maximum pressure	10bar
	Highest rotational speed	3600r/min
	Controlled flow rate	12.3L/min
	Fuel feed hole	M16 x 1.5
	Fuel discharge hole	Φ9.5
Direction of rotation	Right	

NO.: ZCB-1212L/957

	MANUFACTORY REF No.: A12.5L 29926	
	OEM REF No.: JCB 20/205200	
	Nominal displacement	12.5ml/r
	Maximum pressure	120bar
	Highest rotational speed	3000r/min
	Controlled flow rate	12L/min
	Fuel feed hole	1 1/16-12UNF
	Fuel discharge hole	6/19-18UNF-2B
Direction of rotation	Left	

NO.: CB-2022L/976

	MANUFACTORY REF No.: 9.510.080.750	
	OEM REF No.: VALTRA TRACTOR	
	Nominal displacement	22.0ml/r
	Maximum pressure	250bar
	Highest rotational speed	3000r/min
	Controlled flow rate	29.0L/min
	Fuel feed hole	Φ20/4-M6/PCD35
	Fuel discharge hole	Φ15/4-M6/PCD35
Direction of rotation	Left	

NO.: ZCB-1208L/957-1

	MANUFACTORY REF No.: A8.2L 19900	
	OEM REF No.: JCB 20/201800	
	Nominal displacement	8.2ml/r
	Maximum pressure	1200bar
	Highest rotational speed	3000r/min
	Controlled flow rate	8L/min
	Fuel feed hole	7/8-14UNF
	Fuel discharge hole	6/19-18UNF-2B
Direction of rotation	Left	

NO.: CB-F28+8L/977

	MANUFACTORY REF No.: 41794503	
	OEM REF No.: VALTRA TRACTOR	
	Nominal displacement	28/8ml/r
	Maximum pressure	200/250bar
	Highest rotational speed	3000r/min
	Controlled flow rate	37/10L/min
	Fuel feed hole	2-Φ20/4-M6/PCD40
	Fuel discharge hole	2-Φ15/4-M6/PCD35
Direction of rotation	Left	

NO.: CB-F28+8L/978



MANUFACTORY REF No.: 9.510.080.760	
OEM REF No.: VALTRA TRACTOR	
Nominal displacement	28/8ml/r
Maximum pressure	250/250bar
Highest rotational speed	3000r/min
Controlled flow rate	29/10L/min
Fuel feed hole	2-Φ20/4-M6/PCD40
Fuel discharge hole	2-Φ15/4-M6/PCD35
Direction of rotation	Left

NO.: ZCB-2019/991



MANUFACTORY REF No.:	
OEM REF No.: CUSTOMIZATION	
Nominal displacement	19.0ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	25.0L/min
Fuel feed hole	Φ20/4-M6/PCD40
Fuel discharge hole	Φ15/4-M6/PCD35
Direction of rotation	Right

NO.: CB-F22+16L/979



MANUFACTORY REF No.: 9.510.080.756	
OEM REF No.: WALTRA TRACTOR	
Nominal displacement	22/16ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	29/21L/min
Fuel feed hole	2-Φ20/4-M6/PCD40
Fuel discharge hole	2-Φ15/4-M6/PCD35
Direction of rotation	Left

NO.: CB-B145L/992



MANUFACTORY REF No.:	
OEM REF No.: SCANIA1518142	
Nominal displacement	14.5ml/r
Maximum pressure	25bar
Highest rotational speed	3000r/min
Controlled flow rate	13.5L/min
Fuel feed hole	Φ16;Φ12
Fuel discharge hole	M16 × 1.5
Direction of rotation	Left

NO.: CB-F22+16L/985



MANUFACTORY REF No.: 9.510.080.758	
OEM REF No.: VALTRA TRACTOR	
Nominal displacement	22/16ml/r
Maximum pressure	250/250bar
Highest rotational speed	3000r/min
Controlled flow rate	29/21L/min
Fuel feed hole	2-Φ19/4-M6/PCD40
Fuel discharge hole	2-Φ13.5/4-M6/PCD35
Direction of rotation	Left

NO.: CB-F15+15/994



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	15.2+15.2ml/r
Maximum pressure	200bar
Highest rotational speed	3600r/min
Controlled flow rate	15+15L/min
Fuel feed hole	Φ19+Φ19
Fuel discharge hole	Φ14+M16 × 1.5
Direction of rotation	Right

NO.: CB-1616L/988



MANUFACTORY REF No.: 9217979	
OEM REF No.:	
Nominal displacement	12.0ml/r
Maximum pressure	200bar
Highest rotational speed	3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ19/4-M6/PCD40
Fuel discharge hole	Φ19/4-M6/PCD40
Direction of rotation	Left

NO.: ZCB-13518R/997



MANUFACTORY REF No.: L6	
OEM REF No.: NISSAN	
Nominal displacement	14.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ14.5/2-M8/PCD48
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: CB-F10+6L/989



MANUFACTORY REF No.: 461246	
OEM REF No.:	
Nominal displacement	10+6ml/r
Maximum pressure	100bar
Highest rotational speed	3600r/min
Controlled flow rate	10+6L/min
Fuel feed hole	Φ18.5+G3/8
Fuel discharge hole	G3/8+Φ15
Direction of rotation	Left

NO.: ZCB-13518L/998



MANUFACTORY REF No.: V8	
OEM REF No.: NISSAN	
Nominal displacement	14.0ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ14.5/2-M8/PCD48
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZCB-1315L/998-1



MANUFACTORY REF No.:	
OEM REF No.: NISSAN	
Nominal displacement	10.0ml/r
Maximum pressure	130bar
Highest rotational speed	3500r/min
Controlled flow rate	
Fuel feed hole	Φ14.5-4XM8/PCD48
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: CB-B3.8L/1006



MANUFACTORY REF No.:	
OEM REF No.: TCP-031-C(00E 3211)	
Nominal displacement	3.8ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	5.7L/min
Fuel feed hole	3/4-16UNF-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.: CB-1618L/999



MANUFACTORY REF No.: L8	
OEM REF No.:	
Nominal displacement	18.0ml/r
Maximum pressure	200bar
Highest rotational speed	3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	M22 × 1.5-6H
Direction of rotation	Left

NO.: CB-1609R/1008



MANUFACTORY REF No.:	
OEM REF No.: HINO	
Nominal displacement	9.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	13.5L/min
Fuel feed hole	G3/4
Fuel discharge hole	G3/8
Direction of rotation	Right

NO.: ZCB-2080/1000



MANUFACTORY REF No.: 14571220C	
OEM REF No.: HYVA	
Nominal displacement	81.7ml/r
Maximum pressure	220bar
Highest rotational speed	2500r/min
Controlled flow rate	115L/min
Fuel feed hole	G1
Fuel discharge hole	G1
Direction of rotation	Right/Left

NO.: CB-1609L/1008-1



MANUFACTORY REF No.:	
OEM REF No.: HINO	
Nominal displacement	9.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	13.5L/min
Fuel feed hole	G3/4
Fuel discharge hole	G3/8
Direction of rotation	Left

NO.: CF-F48L/1002



MANUFACTORY REF No.:	
OEM REF No.: SGP2-48L194 CATERPILLAR	
Nominal displacement	48.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-2500r/min
Controlled flow rate	72.0L/min
Fuel feed hole	Φ31.5
Fuel discharge hole	RP3/4
Direction of rotation	Left

NO.: CB-1612L/1010



MANUFACTORY REF No.: SWARAJ	
OEM REF No.: VR7	
Nominal displacement	12.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ14
Direction of rotation	Left

NO.: CB-F40L/1003



MANUFACTORY REF No.:	
OEM REF No.: KFP3240AMBAS CATERPILLAR	
Nominal displacement	40.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-2500r/min
Controlled flow rate	72.0L/min
Fuel feed hole	Φ31.5
Fuel discharge hole	3/4-16UNF
Direction of rotation	Left

NO.: ZCB-0022L/1012



MANUFACTORY REF No.:	
OEM REF No.: MAN 0511725028	
Nominal displacement	22.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-3600r/min
Controlled flow rate	33.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ15
Direction of rotation	Left

NO.: CB-2014/1015

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	21.0L/min
Fuel feed hole	G3/4
Fuel discharge hole	M18 x 1.5-6H
Direction of rotation	Right

NO.: CB-2026R/1024

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	26.0ml/r
Maximum pressure	20Mpa
Highest rotational speed	2500r/min
Controlled flow rate	21.0L/min
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	Right

NO.: CB-2014/1015-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	21.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ14
Direction of rotation	Right

NO.: CB-2030L/1024-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	30.0ml/r
Maximum pressure	20Mpa
Highest rotational speed	2500r/min
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	Left

NO.: CB-B42/1022

MANUFACTORY REF No.:	
OEM REF No.: 65.05100-6042S	
Nominal displacement	42.0ml/r
Maximum pressure	4bar
Highest rotational speed	3000r/min
Controlled flow rate	63L/min,1500L/min
Fuel feed hole	Φ31-2 x M8PCD55
Fuel discharge hole	Φ22-4 x M8PCD44
Direction of rotation	Right

NO.: ZCB-1307/1026

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	6.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	3/4-16UNF
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: CB-B42/1022-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	42.0ml/r
Maximum pressure	4bar
Highest rotational speed	3000r/min
Controlled flow rate	63L/min,1500L/min
Fuel feed hole	Φ31-2 x M 8PCD55
Fuel discharge hole	Φ22-4 x M8PCD44
Direction of rotation	Right

NO.: ZCB-1307/1026-1

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	6.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	3/4-16UNF
Fuel discharge hole	3/4-16UNF
Direction of rotation	Right

NO.: CB-2030L/1023

MANUFACTORY REF No.:	
OEM REF No.: 0511725028	
Nominal displacement	30.0ml/r
Maximum pressure	20Mpa
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	Left

NO.: CB-2009L/1027

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	13.5L/min
Fuel feed hole	9/16-18UNF-2B
Fuel discharge hole	9/16-18UNF-2B
Direction of rotation	Left

NO.: CB-B9R/1032

MANUFACTORY REF No.:	
OEM REF No.: CUMMINS 4088866	
Nominal displacement	9.0ml/r
Maximum pressure	5bar
Highest rotational speed	500-3000r/min
Controlled flow rate	13.5L/min
Fuel feed hole	Φ12
Fuel discharge hole	Φ12
Direction of rotation	Right

NO.: CB-F19L/1050

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	19.0ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	Φ28
Fuel discharge hole	M27 x 2
Direction of rotation	Left

NO.: CB-F06R/1042

MANUFACTORY REF No.:	
OEM REF No.: 1PF6.0FL10Z02RSS	
Nominal displacement	6.0ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	G3/8
Fuel discharge hole	G3/8
Direction of rotation	Right

NO.: ZCB-1315L/1052

MANUFACTORY REF No.:	
OEM REF No.: HINO	
Nominal displacement	10.0ml/r
Maximum pressure	130bar
Highest rotational speed	3500r/min
Controlled flow rate	
Fuel feed hole	M20 x 1.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Left

NO.: CB-F57L/1046

MANUFACTORY REF No.: B0322120231	
OEM REF No.: DAVID BROWN SPA 2208C831A	
Nominal displacement	58.7ml/r
Maximum pressure	210bar
Highest rotational speed	600-2700r/min
Controlled flow rate	
Fuel feed hole	M12 x 1.75
Fuel discharge hole	M10 x 1.5
Direction of rotation	Left

NO.: ZCB-1315/1053

MANUFACTORY REF No.:	
OEM REF No.: HINO	
Nominal displacement	10.0ml/r
Maximum pressure	130bar
Highest rotational speed	3500r/min
Controlled flow rate	
Fuel feed hole	Φ4.5-4 x M10 x 1.25/PCD62
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

NO.: ZCB-1618/1048

MANUFACTORY REF No.:	
OEM REF No.: FOTON CBT-E312HL10	
Nominal displacement	12.0ml/r
Maximum pressure	160bar
Highest rotational speed	3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ18 x 4-M8
Fuel discharge hole	M18 x 1.5
Direction of rotation	Right

NO.: CB-G04/1054

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	4.0ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	G1/2 4 x M8
Fuel discharge hole	G3/8 4 x M6
Direction of rotation	Right

NO.: CB-E14L/1049

MANUFACTORY REF No.:	
OEM REF No.: Foton CBN-314	
Nominal displacement	14.0ml/r
Maximum pressure	160bar
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	Φ18 x 4-M8
Fuel discharge hole	M18 x 1.5
Direction of rotation	Left

QUNO.: CB-1612L/1055

MANUFACTORY REF No.:	
OEM REF No.: PZ1-D-12AX	
Nominal displacement	16.0ml/r
Maximum pressure	160bar
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	Φ20
Fuel discharge hole	Φ20 x 4-M6
Direction of rotation	Left

NO.: CB-E3.5+2.8L/1057



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	3.5ml/r&2.8ml/r
Maximum pressure	168bar
Highest rotational speed	3600r/min
Controlled flow rate	
Fuel feed hole	Φ11
Fuel discharge hole	G3/8&G1/4
Direction of rotation	Left

**33**

**AUTO  
POWER STEERING  
GEAR BOX**

NO.:



MANUFACTORY REF No.: 311547576	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: B101-3411010 RH



MANUFACTORY REF No.: 449-04130/44110-E0120	
OEM REF No.: HINO G1266Y P11C Double axle	
Applicable Front A x le Load	8000kg
Power Cylinder Diameter	110mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	18L/min
Circles	6.4
Output Angle	± 47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	21.775 × 36
Output Shaft Spline	55.5 × 36

NO.: CB-F14/1061



MANUFACTORY REF No.: KDP 2.0	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: C101-3411010 RH



MANUFACTORY REF No.: AL F83000107	
OEM REF No.: ASHOK LEYLAND HCV	
Applicable Front A x le Load	6000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	5.4
Output Angle	± 45°
Oil Inlet Hole	M16 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	19 × 48
Output Shaft Spline	48.45 × 48

NO.:



MANUFACTORY REF No.: KDP 2.5	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: C103-3411010 RH



MANUFACTORY REF No.: 2700 4600 0109	
OEM REF No.: TATA HCV	
Applicable Front A x le Load	6000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	5.4
Output Angle	± 45°
Oil Inlet Hole	M16 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	19 × 48
Output Shaft Spline	48.45 × 48

NO.:



MANUFACTORY REF No.: KDP 3.0	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: C104-3411010 LH



MANUFACTORY REF No.: 2067 4660 0102	
OEM REF No.: TATA HCV	
Applicable Front A x le Load	6000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	5.4
Output Angle	± 45°
Oil Inlet Hole	M16 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	19
Output Shaft Spline	48.45 × 48

NO.: C106-3411010 RH



MANUFACTORY REF No.: 440-02502	
OEM REF No.: NISSAN N/S CX53/54 PF6	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4
Output Angle	± 47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	19.9 × 39
Output Shaft Spline	55.5 × 36

NO.: C111-3411010 RH



MANUFACTORY REF No.: 480322 single-axle	
OEM REF No.: hino EF750/EM100	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4
Output Angle	± 47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	21.775 × 36
Output Shaft Spline	55.5 × 36

NO.: C107-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.: ISUZU	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4
Output Angle	± 47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	21.775 × 36
Output Shaft Spline	55.5 × 36

NO.: C112-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.: 8DC9	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4
Output Angle	± 47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	21.775 × 36
Output Shaft Spline	55.5 × 36

NO.: C108-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 8DC9	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4
Output Angle	± 47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	21.775 × 36
Output Shaft Spline	55.5 × 36

NO.: C113-3411010 LH



MANUFACTORY REF No.: TAS652274	
OEM REF No.:	
Applicable Front A x le Load	6500kg
Power Cylinder Diameter	101.6mm
Rated Work Pressure	15MPa
Recommend Pump Flow Rate	13-18L/min
Circles	5.4
Output Angle	± 47°
Oil Inlet Hole	M20 × 1.5
Oil Outlet Hole	M20 × 1.5
Input Shaft Spline	22.4 × 36
Output Shaft Spline	49.5 × 52

NO.: C109-3411010 RH



MANUFACTORY REF No.: 4808300Z12	
OEM REF No.: NISSAN PSI-Y100-22 FE6/CW520	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4
Output Angle	± 47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	21.775 × 36
Output Shaft Spline	55.5 × 36

NO.: C114-3411010 RH



MANUFACTORY REF No.: TAS652292	
OEM REF No.:	
Applicable Front A x le Load	6500kg
Power Cylinder Diameter	101.6mm
Rated Work Pressure	15MPa
Recommend Pump Flow Rate	14-18L/min
Circles	5.4
Output Angle	± 47°
Oil Inlet Hole	M20 × 1.5
Oil Outlet Hole	M20 × 1.5
Input Shaft Spline	22.4 × 36
Output Shaft Spline	49.5 × 52

NO.: C110-3411010 RH




MANUFACTORY REF No.: 44110-E0060	
OEM REF No.: J08C	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4
Output Angle	± 47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	21.775 × 36
Output Shaft Spline	55.5 × 36

NO.: C115-3411010 RH




MANUFACTORY REF No.: TAS652299	
OEM REF No.:	
Applicable Front A x le Load	6500kg
Power Cylinder Diameter	101.6mm
Rated Work Pressure	15MPa
Recommend Pump Flow Rate	14-18L/min
Circles	5.4
Output Angle	± 47°
Oil Inlet Hole	M20 × 1.5
Oil Outlet Hole	M20 × 1.5
Input Shaft Spline	22.4 × 36
Output Shaft Spline	49.5 × 52


**NO.: C116-3411010 RH**

	MANUFACTORY REF No.: TAS652262 OEM REF No.: Applicable Front Axle Load: 6500kg Power Cylinder Diameter: 101.6mm Rated Work Pressure: 15MPa Recommend Pump Flow Rate: 14-18L/min Circles: 5.4 Output Angle: ±47° Oil Inlet Hole: M20×1.5 Oil Outlet Hole: M20×1.5 Input Shaft Spline: 22.4×36 Output Shaft Spline: 49.5×52
--	--


**NO.: F102-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Applicable Front Axle Load: 3000kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 5 Output Angle: ±41.7° Oil Inlet Hole: M16×1.5 Oil Outlet Hole: M17×1.5 Input Shaft Spline: Φ17.5×36 Output Shaft Spline: M0.95×40
---	--


**NO.: C117-3411010 LH**

	MANUFACTORY REF No.: MC082018/446-00651 OEM REF No.: FUSO6M70/FP51J 6D24T/FP210 FP517 FP519 Applicable Front Axle Load: 7000kg Power Cylinder Diameter: 100mm Rated Work Pressure: 13MPa Recommend Pump Flow Rate: 16L/min Circles: 6.4 Output Angle: ±47.5° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M18×1.5 Input Shaft Spline: 21.775×36 Output Shaft Spline: 55.5×36
--	---


**NO.: F103-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: ISUZU 898251947/454-01005 Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 5 Output Angle: ±45° Oil Inlet Hole: M16×1.5 Oil Outlet Hole: M17×1.5 Input Shaft Spline: Φ17.5×36 Output Shaft Spline: M0.95×40
---	--


**NO.: D102-3411010 RH**

	MANUFACTORY REF No.: 6D16 OEM REF No.: MITSUBISHI Applicable Front Axle Load: 4500kg Power Cylinder Diameter: 90mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 12L/min Circles: 5.38 Output Angle: ±45° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M18×1.5 Input Shaft Spline: 21.775×36 Output Shaft Spline: 44.8×44
---	---


**NO.: F105-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.7° Oil Inlet Hole: 1/2"-20-UNF2B Oil Outlet Hole: 5/8"-18-UNF2B Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ30.8×36
--	---


**NO.: E101-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: ISUZU 898110200/455-01047 Applicable Front Axle Load: 3500kg Power Cylinder Diameter: 85mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 5.6 Output Angle: ±46° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M18×1.5 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ30.8×36
--	---


**NO.: F106-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.5° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ39×36
---	---


**NO.: E102-3411010**

	MANUFACTORY REF No.: OEM REF No.: 897305047/451-01013 Applicable Front Axle Load: 1750kg Power Cylinder Diameter: 70mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 6L/min Circles: 3.7 Output Angle: ±35° Oil Inlet Hole: M14×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: Φ16.6×36 Output Shaft Spline: Φ26.3×42
--	---


**NO.: F107-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Cardone 27-7621 Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±43.5° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ39×36
---	---


**NO.: F101-3411010 RH**

	MANUFACTORY REF No.: 897356103 OEM REF No.: Tractorrefitted Vehicle Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 5 Output Angle: ±45° Oil Inlet Hole: M16×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: 17.5×36 Output Shaft Spline: 32.74×36
--	---


**NO.: F108-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: 52113500AF Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.3 Output Angle: ±43.5° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: Φ18.25×30 Output Shaft Spline: Φ30×36
---	--


**NO.: F109-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: 7846959 Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.5° Oil Inlet Hole: 1/2"-20 Oil Outlet Hole: 5/8"-18 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ29.9×36
---	---


**NO.: F115-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: 15173571 Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.5° Oil Inlet Hole: 1/2"-20 Oil Outlet Hole: 5/8"-18 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ29.9×36
---	--

**NO.: F110-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Cardone 27-7507 Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.5° Oil Inlet Hole: 1/2"-20 Oil Outlet Hole: 5/8"-18 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ29.9×36
---	---


**NO.: F116-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.5° Oil Inlet Hole: 1/2"-20 Oil Outlet Hole: 5/8"-18 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ29.9×36
---	---

**NO.: F111-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Cardone 27-8418 Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 3.3 Output Angle: ±41.5° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ30×36
--	---


**NO.: F117-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 3.3 Output Angle: ±41.5° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ30×36
--	---


**NO.: F112-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Cardone 27-6529 Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.5° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ30×36
---	---


**NO.: F118-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.5° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ30×36
---	---


**NO.: F113-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Cardone 27-7501 Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.5° Oil Inlet Hole: 1/2"-20 Oil Outlet Hole: 5/8"-18 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ29.9×36
---	---

**NO.: F120-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 4.2 Output Angle: ±42.5° Oil Inlet Hole: 1/2"-20 Oil Outlet Hole: 5/8"-18 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ29.9×36
---	---

**NO.: F114-3411010 LH**

	MANUFACTORY REF No.: OEM REF No.: Cardone 27-7504 Applicable Front Axle Load: 2500kg Power Cylinder Diameter: 80mm Rated Work Pressure: 10MPa Recommend Pump Flow Rate: 10L/min Circles: 3.3 Output Angle: ±41.5° Oil Inlet Hole: M18×1.5 Oil Outlet Hole: M16×1.5 Input Shaft Spline: Φ18.45×36 Output Shaft Spline: Φ30×36
---	---



**NO.: G101-3411010 LH**

MANUFACTORY REF No.:	2700 4600 0109/UA3N32110
OEM REF No.:	FORO FOMOCO-UA8J-32110B
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	4
Output Angle	±36.3°
Oil Inlet Hole	M14×1.5
Oil Outlet Hole	M14×1.5
Input Shaft Spline	17.5×36
Output Shaft Spline	32.8×32

**NO.: G109-3411010 LH**

MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	
Power Cylinder Diameter	
Rated Work Pressure	
Recommend Pump Flow Rate	
Circles	
Output Angle	
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	

**NO.: G103-3411010 LH**

MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	4.6
Output Angle	±42°
Oil Inlet Hole	M14×1.5
Oil Outlet Hole	M17×1.5
Input Shaft Spline	Φ17.5×36
Output Shaft Spline	Φ30.6×48

**NO.: H04-3411010 LH**

MANUFACTORY REF No.:	
OEM REF No.:	ISUZU14616026
Applicable Front A x le Load	1200kg
Power Cylinder Diameter	66mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	6L/min
Circles	4.2
Output Angle	±47.5°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	

**NO.: G104-3411010 LH**

MANUFACTORY REF No.:	
OEM REF No.:	Cardone 27-6534
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	4.6
Output Angle	±42°
Oil Inlet Hole	M14×1.5
Oil Outlet Hole	M17×1.5
Input Shaft Spline	Φ17.5×36
Output Shaft Spline	Φ30.6×48

**NO.: H05-3411010 LH**

MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	
Power Cylinder Diameter	
Rated Work Pressure	
Recommend Pump Flow Rate	
Circles	
Output Angle	
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	

**NO.: G105-3411010 LH**

MANUFACTORY REF No.:	
OEM REF No.:	Cardone 27-8607
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	4.6
Output Angle	±42°
Oil Inlet Hole	M14×1.5
Oil Outlet Hole	M17×1.5
Input Shaft Spline	Φ17.5×36
Output Shaft Spline	Φ30.6×48

**NO.: LS8-3411010 LH**

MANUFACTORY REF No.:	Actros 940 460 3300/3500
OEM REF No.:	BENZ
Applicable Front A x le Load	9000kg
Power Cylinder Diameter	118.5mm
Rated Work Pressure	15MPa
Recommend Pump Flow Rate	20L/min
Circles	6.77
Output Angle	±47°
Oil Inlet Hole	M16×1.5
Oil Outlet Hole	M16×1.5
Input Shaft Spline	25.6×79
Output Shaft Spline	52.94×48

**NO.: G106-3411010 LH**

MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	
Power Cylinder Diameter	
Rated Work Pressure	
Recommend Pump Flow Rate	
Circles	
Output Angle	
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	

**NO.:**

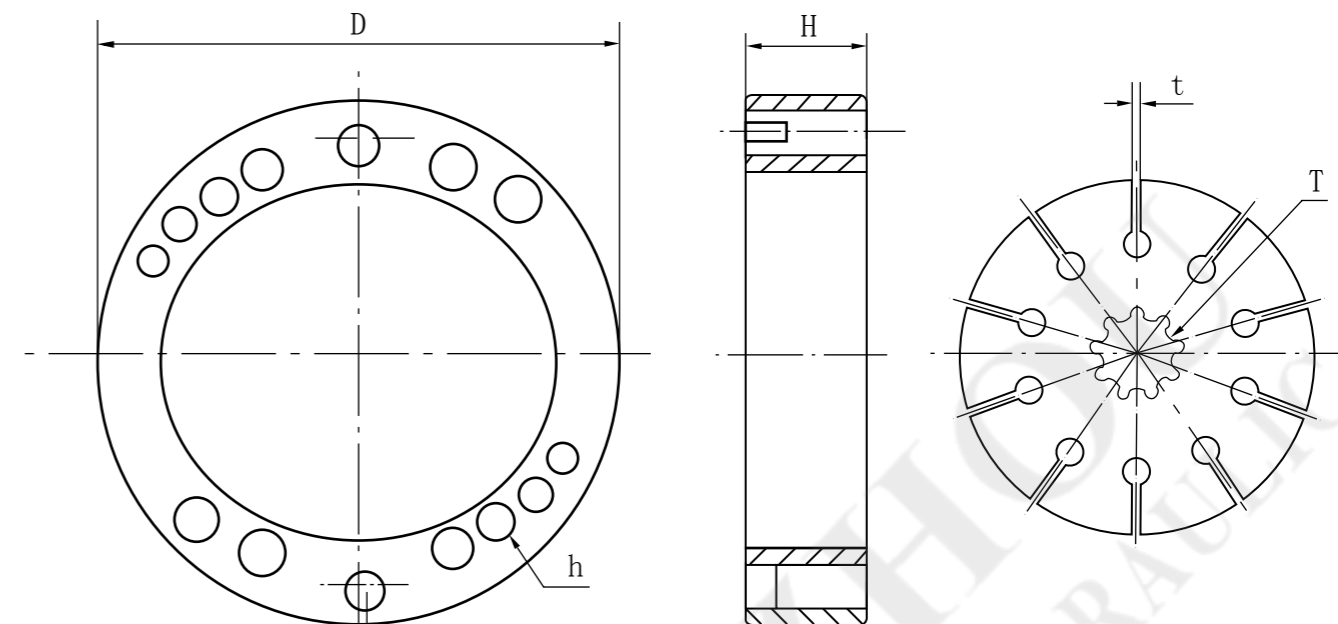
MANUFACTORY REF No.:	
OEM REF No.:	TOYOTA LANDCRUISER
Applicable Front A x le Load	
Power Cylinder Diameter	
Rated Work Pressure	
Recommend Pump Flow Rate	
Circles	
Output Angle	
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	

**NO.: G108-3411010 LH**

MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	
Power Cylinder Diameter	
Rated Work Pressure	
Recommend Pump Flow Rate	
Circles	
Output Angle	
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	

**NO.:**

MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	
Power Cylinder Diameter	
Rated Work Pressure	
Recommend Pump Flow Rate	
Circles	
Output Angle	
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	



<b>PART NO.:</b> 116/132A	<b>PART NO.:</b> 7684-974-704/241	<b>PART NO.:</b> 44306-1160k	<b>PART NO.:</b> 167-2
<b>DIMENSION</b> 64.5×19.5×14T×1H	<b>DIMENSION</b> 64.5×23.5×14T×5H	<b>DIMENSION</b> 64×16×18T×6H	<b>DIMENSION</b> 64.5×19.5×14T×2H
ZF7673 955 190	34333-00300/258	44306-1160	ZF 7673 955 116
	64.5×23.5×14T×5H	64×14×18T×6H	211
			64.5×19.5×14T×2H
<b>PART NO.:</b> 44306-1150	<b>PART NO.:</b> 14714-99018	<b>PART NO.:</b> 133	<b>PART NO.:</b> 149
<b>DIMENSION</b> 64×20×18T×12H	<b>DIMENSION</b> 64×28×10T×8H	<b>DIMENSION</b> 64.5×22×24T×2H	<b>DIMENSION</b> 75.5×22×14T×8H
44306-1150A	14714-99019A		
44306-1200	14714-99100A		
	64×23×18T×12H		
<b>PART NO.:</b> 106A/130A	<b>PART NO.:</b> V20	<b>PART NO.:</b> V10	<b>PART NO.:</b> 91
<b>DIMENSION</b> 77×26×19T×2H	<b>DIMENSION</b> 22×30T	<b>DIMENSION</b> 27×23T	<b>DIMENSION</b> 75.5×22×24T×8H

	<b>PART NO.:</b> 44306-1030	<b>DIMENSION</b> 68×16×10T×10H		<b>PART NO.:</b> 7839136/180-2	<b>DIMENSION</b> 64.5×16.5×14T×4H		<b>PART NO.:</b> 470-10059	<b>DIMENSION</b> 54×16×14T×6H		<b>PART NO.:</b> 44306-1100	<b>DIMENSION</b> 68×20×18T×12H
--	--------------------------------	-----------------------------------	--	-----------------------------------	--------------------------------------	--	-------------------------------	----------------------------------	--	--------------------------------	-----------------------------------

	<b>PART NO.:</b> 44306-1060	<b>DIMENSION</b> 64.5×16×14T×3H		<b>PART NO.:</b> 5688105	<b>DIMENSION</b> 64.7×21.5×14T×4H		<b>PART NO.:</b> 28241780	<b>DIMENSION</b>		<b>PART NO.:</b> 28200146	<b>DIMENSION</b> 64.5×16×14T×3H
										<b>PART NO.:</b> 28268260	<b>DIMENSION</b>

	<b>PART NO.:</b> ZF7684 955 198/93A	<b>DIMENSION</b> 64.7×23.5×14T×3H		<b>PART NO.:</b> ZF54200	<b>DIMENSION</b> 63.4×23.43×23T×10H		<b>PART NO.:</b> 475-10050	<b>DIMENSION</b> 65×12×10T×10H		<b>PART NO.:</b> 14714-99017	<b>DIMENSION</b> 64×28×18T×8H
	<b>PART NO.:</b> ZF7685 955 180/407	<b>DIMENSION</b> 64.7×23.5×14T×3H		<b>PART NO.:</b> ZF73/336	<b>DIMENSION</b> 63.4×23.43×23T×10H		<b>PART NO.:</b> 475-10052	<b>DIMENSION</b> 65×14×10T×10H		<b>PART NO.:</b> 14714-99019	<b>DIMENSION</b> 64×30×18T×8H
	<b>PART NO.:</b> 1007V/421	<b>DIMENSION</b> 64.7×23.5×14T×3H		<b>PART NO.:</b> ZYB-16525R/334A	<b>DIMENSION</b> 63.5×23.43×23T×10H		<b>PART NO.:</b> 475-10055	<b>DIMENSION</b> 65×15.6×10T×10H		<b>PART NO.:</b> 14714-99020	<b>DIMENSION</b> 64×32×18T×8H
	<b>PART NO.:</b> 1516R/394	<b>DIMENSION</b> 64.7×23.5×14T×5H		<b>PART NO.:</b> VT77/269	<b>DIMENSION</b> 63.4×23.5×23T×10H		<b>PART NO.:</b> 475-10056	<b>DIMENSION</b> 65×16×10T×10H		<b>PART NO.:</b> 14714-99100	<b>DIMENSION</b> 64×23×18T×8H
				<b>PART NO.:</b> VT74B/248	<b>DIMENSION</b> 63.5×23.43×23T×10H		<b>PART NO.:</b> 475-10057	<b>DIMENSION</b> 65×18×10T×10H		<b>PART NO.:</b> 44306-1170	<b>DIMENSION</b> 64×20×18T×8H
				<b>PART NO.:</b> 542000110	<b>DIMENSION</b> 63.4×23.5×23T×10H		<b>PART NO.:</b> 475-10058	<b>DIMENSION</b> 65×21×10T×10H			
				<b>PART NO.:</b> 542001310	<b>DIMENSION</b> 63.4×23.5×23T×10H		<b>PART NO.:</b> 475-10063	<b>DIMENSION</b> 65×24×10T×10H			
							<b>PART NO.:</b> 475-10068	<b>DIMENSION</b> 65×30×10T×10H			

	<b>PART NO.:</b> 54200	<b>DIMENSION</b>		<b>PART NO.:</b> 211	<b>DIMENSION</b>
--	---------------------------	------------------	--	-------------------------	------------------

	<b>PART NO.:</b> 74B	<b>DIMENSION</b>		<b>PART NO.:</b> 190	<b>DIMENSION</b>
--	-------------------------	------------------	--	-------------------------	------------------

	<b>PART NO.:</b> 10063R	<b>DIMENSION</b>		<b>PART NO.:</b> 475R	<b>DIMENSION</b>
--	----------------------------	------------------	--	--------------------------	------------------

	<b>PART NO.:</b> 475L	<b>DIMENSION</b>		<b>PART NO.:</b> 14714R	<b>DIMENSION</b>
--	--------------------------	------------------	--	----------------------------	------------------

	<b>PART NO.:</b> 14714L	<b>DIMENSION</b>		<b>PART NO.:</b> 106A	<b>DIMENSION</b>
--	----------------------------	------------------	--	--------------------------	------------------

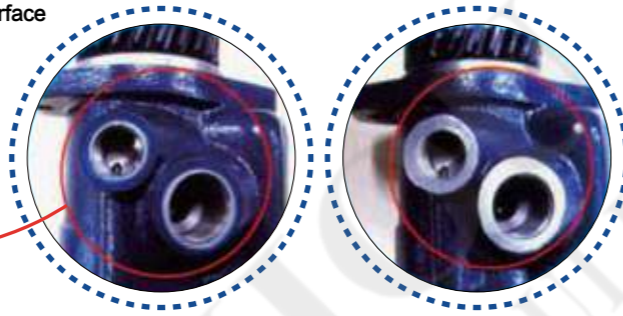
	<b>PART NO.:</b> 167-2	<b>DIMENSION</b>		<b>PART NO.:</b> 54200	<b>DIMENSION</b>
--	---------------------------	------------------	--	---------------------------	------------------

<b>PART NO.:</b>	<b>DIMENSION</b>	<b>PART NO.:</b>	<b>DIMENSION</b>
475-75560	77×26×19T×1H	ZF005	64.5×19.5×14T×3H
475-75550	77×26×10T×1H	ZF006	64.5×19.5×14T×1H
431-11127	64×12×18T×6H	ZF007	64.5×23.5×14T×3H
14714-99011	92×19×14T×4H	ZF008	64.5×23.5×14T×1H
14714-99012	92×16×10T×14H	ZF009	64.5×23.5×14T×1H
14714-99004	65×18×10T×10H	V10-005	77×22×23T×14H
1-19519135-0	65×24×10T×10H	V10-006	77×27×23T×14H
7673 860 153	64.5×19.5×14T×1H	C34	65×16.5×14T×4H
ZF001	64.5×19.5×14T×1H	VOLVO-485	64.5×23.5×14T×2H
ZF002	64.5×19.5×14T×1H	LUK-001	63.5×23.5×23T×10H
ZF003	64.5×23.5×14T×3H	LUK-002	63.5×23.5×23T×10H
ZF004	64.5×23.5×14T×3H		

## THE CORRECT INSTALLATION STEPS OF AUTO POWER STEERING PUMP

### Step 1:

Remove all the oil plugs and use lacquer thinner to clean the painting at the surface of the feed hole and the discharge hole.



Use lacquer thinner clean

### Step 2:

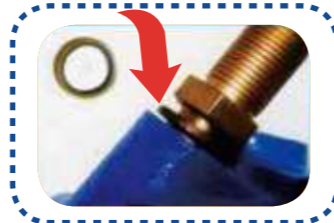
Clean the flange face of the pump as well as fitting surface on the engine. When installing the pump put an o-ring or plain washers in the middle of the installation face. Do not tight one single bolt strongly at once, make sure all bolts are at the right positions and then tighten them strongly.

### Step 3:

In order to prevent air penetration inside the pump, make sure the sealing of the connector with the feed hole/Oil tank is installed properly. Do not use PTFE thread sealing tape or sealing glue and strictly use o-ring /static seal to seal the pump. Make sure the oil feed pipeline diameter is around  $\Phi 14$  to  $\Phi 18$ mm in order to avoid the noise caused by insufficient oil feed.



Connector diameter



### Step 4:

There are two choices when sealing the pump's discharge hole (High pressure oil pipe): (1) Use plain steel washer. (2) Use an O-ring. Make sure not to use PTFE thread sealing tape or sealing glue to avoid blocking the discharge oil pipe line/power steering gear.



### Step 5:

Before installing the pump, make sure that all oil pipelines/ power steering gears/oil tank and the oil filter cartridge are clean and without any problem. We strictly recommend using metal filter cartridge and not using paper filter cartridge.



### Step 6:

Step 6: After all cleaning, feed the oil and start the engine, wait for 3 to 5 minutes and then turn the steering wheel to both left /right limit positions in order to release the air from the steering system until no bubbles come from oil tank. Last step, check the oil level in the oil tank to match with the mark line and finally place the dust cover.



### Step 7:

- 1 Make sure to use high quality anti-wear hydraulic oil.
- 2 All the steering system must be cleaned from any oil stain or impurities before installing the power steering pump.
- 3 After starting the engine do not turn the steering wheel immediately. Maintain it on No-Load position for at least 3 minutes.
- 4 In order to release the air bubbles from the steering system, turn the steering wheel to reach both left/right limits until no bubbles come from oil tank.
- 5 When turning the steering wheel to left/right limit, do not maintain it in that position for more than 10 seconds.
- 6 The newly installed steering pump can run for first 3,000 km, after that hydraulic oil and filter cartridge must be changed every 5,000 km, especially for Engineering/Mechanical equipments & Trucks.
- 7 Check the oil level in the tank periodically. When refilling the tank, make sure to add the same type of anti-wear hydraulic oil and watch the mark line in oil tank.