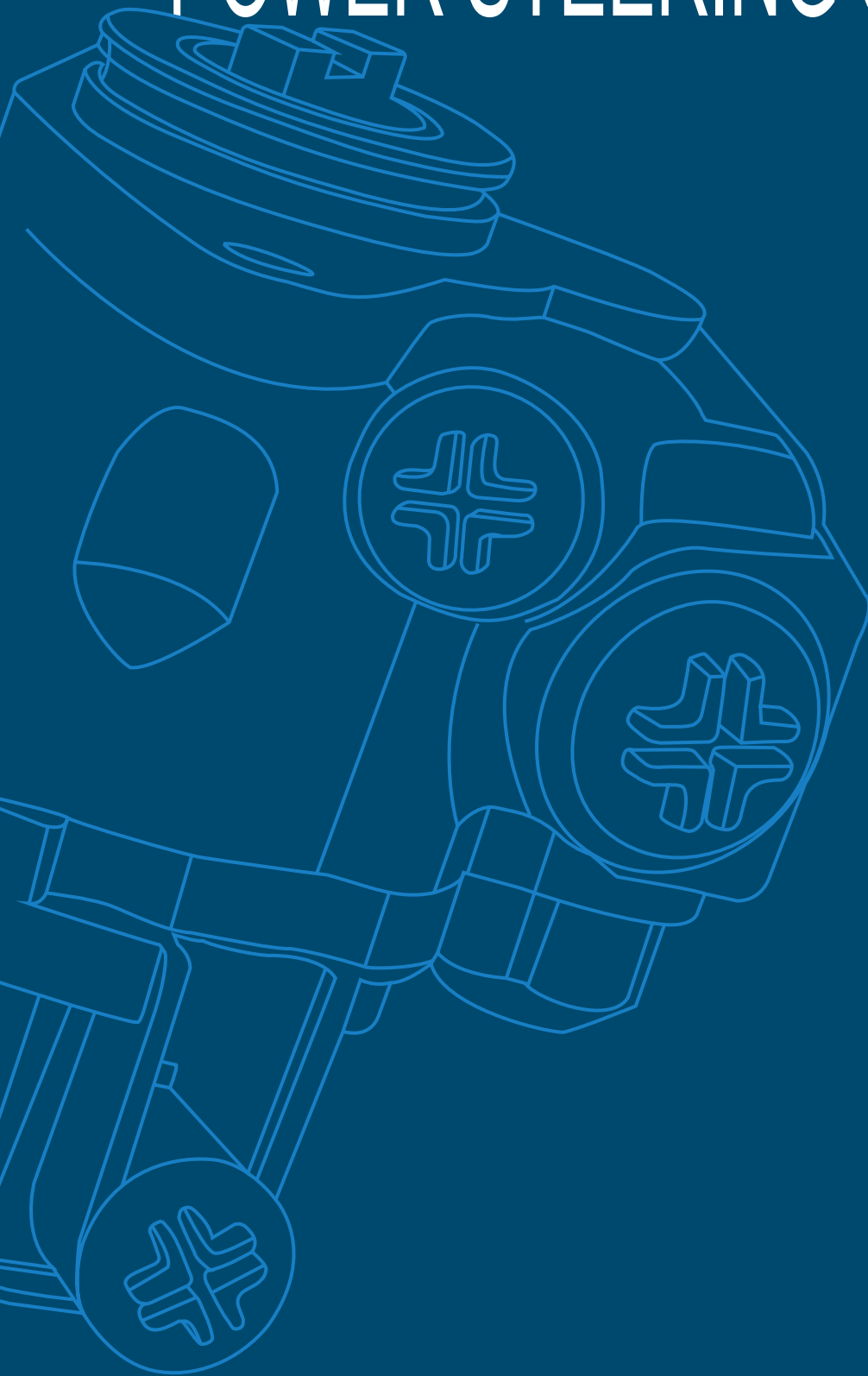


POWER STEERING SYSTEM



2019
Edition

TESTING EQUIPMENT

1 CLEANLINESS AUTO-COUNTING MICROSCOPE (GERMANY Umesa)

1

CONTENTS

EUROPEAN VEHICLE SERIES	VOLVO	18/22
	SCANIA	22/24
	BENZ	24/29
	MAN	29/32
	IVECO	32/34
	DAF	34/36
INDIAN VEHICLE SERIES	ASHOK LEYLAND	36/37
	TATA	37/40
	MAHINDRA	40/41
	EICHER	41
JAPANESE AND KOREAN VEHICLE SERIES	DAEWOO	41/43
	SUZUKI	43
	HYUNDAI	43/47
	MITSUBISHI	47/52
	HINO	52/56
	ISUZU	56/62
	NISSAN	63/71
	TOYOTA	71/81
	HOLDEN	82/83
	HONDA	83/84
MAZDA	84/86	
RUSSIAN VEHICLE SERIES	KAMAZ	86/88
	RUSSIA	88/92
CHINESE VEHICLE SERIES		92/95
AMERICAN VEHICLE SERIES		95/117
AUTO POWER STEERING GEAR BOX		117/133
HYDRAULIC PUMP	RENAULT	134/136
	FIAT	136/141
	DEUTZ	142/143
	FORD	143/144
	MASSEY FERGUSON	144/149
	KOMATSU	149/156
	KUBOTA	156/159
	OTHER	159/169
PASSENGER CAR SERIES		170/201
SPARE PARTS		202/205
INSTALLATION STEPS		206/207

1 EUROPEAN VEHICLE SERIES **FOR VOLVO**

ZYB-1016L/197-1



MANUFACTORY REF No.: 7673 955 209	
OEM REF No.: 1591014	
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	M18x1.5
Direction of rotation	Left

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

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

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

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

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

ZYB-1116L/221-2



MANUFACTORY REF No.: 542 0448 10	
OEM REF No.: 3177329	
Nominal displacement	21.0ml/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

ZYB-0016R/134A



MANUFACTORY REF No.: 542 0037 10	
OEM REF No.: 1628208/3172193/8113268/FH12/B12	
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

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

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

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

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	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

ZYB-0014L/197-4



MANUFACTORY REF No.: 7673 955 963	
OEM REF No.: 8124341	
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

ZYB-1614R/214-2



MANUFACTORY REF No.: 7673 955 395	
OEM REF No.: 8113590	
Nominal displacement	17.5ml/r
Maximum pressure	160bar
Highest rotational speed	500–3200r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

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

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	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

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	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

ZYB-0016R/221



MANUFACTORY REF No.: 542 0434 10	
OEM REF No.: 203050652	
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

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

ZYB-0020R/222-3

MANUFACTORY REF No.: 542 04260 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

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	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

ZYB-0024L/535-2

MANUFACTORY REF No.: 7685 955 791	
OEM REF No.: 85103705/85114317/2424075/ 8500973/211103666/8500769	
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

ZYB-0016L/2020-1

MANUFACTORY REF No.: 8694 974 624/627	
OEM REF No.: 21110365	
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

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	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Right

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

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

ZYB-0020L/2020-2

MANUFACTORY REF No.: 7685 955 628	
OEM REF No.: 21488865/042415	
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

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

ZYB-0017L/535-1

MANUFACTORY REF No.:	
OEM REF No.: 20453450 / 7421077101 / 24424074	
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

ZYB-0017L/535-4

MANUFACTORY REF No.: VOLVO FH 13/20902696	
OEM REF No.: 8694 974 507/ 8694 974 521 36 teeth	
Nominal displacement	17.0ml/r
Maximum pressure	200bar
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

ZYB-0016L/2020-3

MANUFACTORY REF No.: 7684 955 626	
OEM REF No.: 21488833/7421186659/ks00000384	
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

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

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

ZYB-0017L/535-5

MANUFACTORY REF No.: VOLVO FH 13/20902696	
OEM REF No.: 8694 974 507/ 8694 974 521 36 Teeth	
Nominal displacement	17.0ml/r
Maximum pressure	200bar
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

ZYB-0020L/2020-4

MANUFACTORY REF No.: 7685 955 628	
OEM REF No.: 21488865/042415	
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

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

ZYB-0017L/535-1 oil pump

MANUFACTORY REF No.:	
OEM REF No.:85103778/20997341/7420997341	
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

ZYB-00164L/2020

MANUFACTORY REF No.: 8694 974 624/627 8695 974 629	
OEM REF No.: 21110365	
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

ZYB-1814L/2020-5

MANUFACTORY REF No.:	
OEM REF No.: VOLVO	
Nominal displacement	15.0ml/r
Maximum pressure	180bar
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

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

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

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

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

ZYB-1010L/2313



MANUFACTORY REF No.: 7684 975 956	
OEM REF No.: Ford F250 / F350 / F4000	
Nominal displacement	17.0ml/r
Maximum pressure	100bar
Highest rotational speed	500–3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	1/16–12UN–2B
Fuel discharge hole	3/4–16UNF–2B
Direction of rotation	Left

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

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

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

ZYB-2028L/2318



MANUFACTORY REF No.: DAF16920491797693	
OEM REF No.: VOLVO	
Nominal displacement	32.0ml/r
Maximum pressure	200bar
Highest rotational speed	500–3600r/min
Controlled flow rate	28.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

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

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

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	16.0L/min
Fuel feed hole	M26x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

ZYB-0015R/2354



MANUFACTORY REF No.: ZF7673955335 / KS00 000 232 / 8001462	
OEM REF No.: 7673 955 335	
Nominal displacement	17.5ml/r
Maximum pressure	000bar
Highest rotational speed	500–3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

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

ZYB-0022R/228-1



MANUFACTORY REF No.: 542 0012 10	
OEM REF No.: 1332653/1457711/2106214/2064855	
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

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

2 EUROPEAN VEHICLE SERIES FOR SCANIA

ZYB-08515R/130-5



MANUFACTORY REF No.: 7677 955 110	
OEM REF No.:	
Nominal displacement	34.0ml/r
Maximum pressure	85bar
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

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

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

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

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

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

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

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

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

ZYB-0020L/93-10



MANUFACTORY REF No.: 7685 955 164	
OEM REF No.: FD6C463K514AA	
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

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

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

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

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

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

ZYB-1316L/2092



MANUFACTORY REF No.:	
OEM REF No.: 7674 955 217	
Nominal displacement	17.5ml/r
Maximum pressure	130bar
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

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

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

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

3 EUROPEAN VEHICLE SERIES FOR BENZ

ZYB-0715R/93D3




MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	17.0ml/r
Maximum pressure	70bar
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	Right

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

ZYB-1820R/192A




MANUFACTORY REF No.: 542 0047 10/8695 955 113	
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

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

ZYB-1012R/200-1



MANUFACTORY REF No.: 7673 955 125 /7673.955.925	
OEM REF No.:MERCEDES 1113/ 1116/ 1313/ 1513/ 2013/ 2213/0362/ 0364	
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

ZYB-0016L/254




MANUFACTORY REF No.: 7684 955 121	
OEM REF No.: A001 466 4001	
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

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

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

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

ZYB-0016L/254-1



MANUFACTORY REF No.:	
OEM REF No.: 7074 955 500 BENZ	
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

ZYB-15518R/277-3



MANUFACTORY REF No.: 542 0050 10	
OEM REF No.: 001 460 7280/001 460 6880/002 460 6480	
Nominal displacement	21.0ml/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

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

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

ZYB-1516L/275



MANUFACTORY REF No.: 7685 955 247	
OEM REF No.: 002 460 1580/002 460 4980/7685 955 194/253, 002 460 1780	
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	M16x1.5
Direction of rotation	Left

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

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

ZYB-08519R/200-4



MANUFACTORY REF No.: 7673 955 932	
OEM REF No.: ZYB-0012L/277-13	
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

ZYB-1816L/275-4



MANUFACTORY REF No.: 7685 955 251	
OEM REF No.: A002 460 5180	
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	Left

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

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

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

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

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

ZYB-1012L/277-13A

MANUFACTORY REF No.: 542 0049 10	
OEM REF No.: BENZ	
Nominal displacement	17.0ml/r
Maximum pressure	100bar
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

ZYB-0009R/348-2A

MANUFACTORY REF No.:	
OEM REF No.: 7684 955 167 / 8547101-6004	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–4000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26 x 1.5–6H
Fuel discharge hole	M16 x 1.5–6H
Direction of rotation	Right

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	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

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

ZYB-0012L/277-13B

MANUFACTORY REF No.:	
OEM REF No.: MAN	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26 x 1.5–6H
Fuel discharge hole	M16 x 1.5–6H
Direction of rotation	Left

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

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

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

ZYB-0017L/348

MANUFACTORY REF No.: 7684 955 139	
OEM REF No.: 001 460 4480 / 7685 955 139 / 7685 955 139	
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

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

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

ZYB-0024R/719-3

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

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

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

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

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

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

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

ZYB-0018R/719

MANUFACTORY REF No.: 8695 955 147	
OEM REF No.: A003 460 1980/002 460 3980/8001901	
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

4 EUROPEAN VEHICLE SERIES FOR MAN

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

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

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

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

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

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

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

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

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

ZYB-0022L/93J

MANUFACTORY REF No.:	
OEM REF No.: CP179 2796 018	
Nominal displacement	25.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3500r/min
Controlled flow rate	22.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

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

ZYB-0910R/275-8

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	17.0ml/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	Right

ZYB-1816L/93-15

MANUFACTORY REF No.: ZF7685 955 346/81.47101.6218	
OEM REF No.: MAN	
Nominal displacement	21.0ml/r
Maximum pressure	180bar
Highest rotational speed	500–3600r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

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

ZYB-1516L/254-2

MANUFACTORY REF No.: 7674 955 519	
OEM REF No.: 81.47101.6031	
Nominal displacement	17.0ml/r
Maximum pressure	150bar
Highest rotational speed	500–3600r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26 x 1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

ZYB-1519L/275A-5

MANUFACTORY REF No.:	
OEM REF No.: MAN	
Nominal displacement	21.0ml/r
Maximum pressure	150bar
Highest rotational speed	500–4000r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

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

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

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

ZYB-0025R/275E-2


MANUFACTORY REF No.:	
OEM REF No.: CP192 5358 005	
Nominal displacement	25.0ml/r
Maximum pressure	000bar
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	Right

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

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

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

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

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

ZYB-0019R/407B



MANUFACTORY REF No.:	
OEM REF No.: MAN	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3900r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Right

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

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

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

ZYB-0026R/2335



MANUFACTORY REF No.: 81471016109 / 81471016107 /ZF7677955141	
OEM REF No.: MAN F2000/F90	
Nominal displacement	34.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3200r/min
Controlled flow rate	26.0L/min
Fuel feed hole	M33x2.0–6H
Fuel discharge hole	M22x1.5–6H
Direction of rotation	Right

ZYB-0008L/166-4



MANUFACTORY REF No.: 7684 900 113	
OEM REF No.: 504078368	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3600r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M18 × 1.5–6H
Direction of rotation	Left

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	M16x1.5
Fuel discharge hole	M18x1.5
Direction of rotation	Left

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.:



MANUFACTORY REF No.: 7685 955 103	
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

ZYB-0008L/166B



MANUFACTORY REF No.:	
OEM REF No.: IVECO	
Nominal displacement	16.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M18 × 1.5–6H
Direction of rotation	Left

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


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

5 EUROPEAN VEHICLE SERIES FOR IVECO

ZYB-0016L/166C



MANUFACTORY REF No.:	
OEM REF No.: IVECO	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M16 × 1.5–6H
Direction of rotation	Left

ZYB-0015R/230-1



MANUFACTORY REF No.:	
OEM REF No.: CP287.0411.206	
Nominal displacement	19.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3600r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26 × 1.5–7H
Fuel discharge hole	M18 × 1.5–7H
Direction of rotation	Right

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

ZYB-0018L/594



MANUFACTORY REF No.: 8695 955 116	
OEM REF No.: 41211223/ZF8001113	
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

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

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

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

ZYB-0020L/594-1



MANUFACTORY REF No.:	
OEM REF No.: 8696 955 107 / 41211224	
Nominal displacement	25.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–4000r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

ZYB-0015L/151-1



MANUFACTORY REF No.:	
OEM REF No.: DAF	
Nominal displacement	16.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3500r/min
Controlled flow rate	15.0L/min
Fuel feed hole	M26 x 1.5–6H
Fuel discharge hole	ZM18–6H
Direction of rotation	Left

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

ZYB-1007L/421



MANUFACTORY REF No.: 7683 955 114	
OEM REF No.: FIAT(DUCATO) 500399379 / 4646075	
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

ZYB-0018R/828



MANUFACTORY REF No.: RENAULT	
OEM REF No.: 5010 557 101/542 0443 10/5010 383 033/2107542	
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

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

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

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

ZYB-0007L/2102



MANUFACTORY REF No.: 7672 955 259	
OEM REF No.:	
Nominal displacement	14.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3600r/min
Controlled flow rate	7.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

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

ZYB-1314L/227-1



MANUFACTORY REF No.: 7673 955 227	
OEM REF No.: Fendt Tractor	
Nominal displacement	16.0ml/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


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

6 EUROPEAN VEHICLE SERIES FOR DAF

ZYB-0008L/166D




MANUFACTORY REF No.:	
OEM REF No.: DAF	
Nominal displacement	15.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

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

ZYB-0016L/269




MANUFACTORY REF No.: 542 0014 10	
OEM REF No.: 1291227/1239411/ZF8001449	
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

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	M16x1.5–6H
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Left


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

8 INDIAN VEHICLE SERIES **FOR TATA**


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 INDIAN VEHICLE SERIES **FOR ASHOK LEYLAND**

ZYB-0907R/337B




MANUFACTORY REF No.:	
OEM REF No.: LEYLAND DOST	
Nominal displacement	7.2ml/r
Maximum pressure	9 bar
Highest rotational speed	500–7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	φ 17.5
Fuel discharge hole	M14 x 1.5–6H
Direction of rotation	Right

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

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

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

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

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

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

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

ZYB-10510L/405-1




MANUFACTORY REF No.:	
OEM REF No.: AL F8320900 30210036	
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

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

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

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

ZYB-0014L/422




MANUFACTORY REF No.: 7673 955 802	
OEM REF No.: ASHOK LEYLAND	
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

ZYB-1212R/133




MANUFACTORY REF No.: 9686525480 4007LP 28240748	
OEM REF No.: TATA TURBO TATA HCV RANE TYPE / SORL 1612 TATA TURBO 7672 955 380/2632 4660 0111	
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

ZYB-1009R/146




MANUFACTORY REF No.:	
OEM REF No.: TATA LCV 709	
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

ZYB-1514R/195




MANUFACTORY REF No.: 7673 955 380 / 7673 955 218	
OEM REF No.: TATA ZF TYPE	
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

ZYB-0707R/337A-2




MANUFACTORY REF No.:	
OEM REF No.: TATA ACE	
Nominal displacement	7.2ml/r
Maximum pressure	70bar
Highest rotational speed	8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M14x1.5-6H
Direction of rotation	Right

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

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

ZYB-1009R/195-2




MANUFACTORY REF No.:7672 955 274 / 2153 4680 0104	
OEM REF No.: TATA MCV 1109	
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

ZYB-0707R/337A-3



MANUFACTORY REF No.:	
OEM REF No.: TATA ACE RANE TYPE	
Nominal displacement	7.2ml/r
Maximum pressure	8 bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M14x1.5-6H
Direction of rotation	Right

ZYB-0906R/339-7



MANUFACTORY REF No.: 7613 955 137	
OEM REF No.: Benz OM 616 and OM 611 Force Traveller	
Nominal displacement	8.5ml/r
Maximum pressure	90bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17.4
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-1212R/167-2



MANUFACTORY REF No.: CUMMINS 6BT	
OEM REF No.: TATA ZF TYPE TATA HCV TC 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

ZYB-1514L/196




MANUFACTORY REF No.: 7673 955 304	
OEM REF No.: TATA / Eicher AL	
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

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

ZYB-0707R/349-1




MANUFACTORY REF No.: TATA SUMO WINGER	
OEM REF No.: 2823 4660 0112 / 2823 4660 0125	
Nominal displacement	7.2ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.3
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-1417R/167-2A



MANUFACTORY REF No.: 2913 1246 2143	
OEM REF No.: TATA 3118	
Nominal displacement	17ml/r
Maximum pressure	140bar
Highest rotational speed	500-4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26*1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

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

ZYB-1106R/339-1




MANUFACTORY REF No.: 7613 955 159 / 5502 4660 0205	
OEM REF No.: TATA XENON&SAFARI TML No: 2699 4660 0284 ZF TYPE	
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

ZYB-0807R/349-1A




MANUFACTORY REF No.: 2826 4660 0136 / 2826 4660 0139	
OEM REF No.: TATA TML 207DI	
Nominal displacement	7ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

ZYB-1212R/167-2B



MANUFACTORY REF No.:	
OEM REF No.: AMW	
Nominal displacement	14.5ml/r
Maximum pressure	140bar
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

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

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

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

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

ZYB-0806R/622-1



MANUFACTORY REF No.: D061-700A 490019	
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

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

ZYB-1312L/422-1



MANUFACTORY REF No.: 7673 955 804/303	
OEM REF No.: EICHER 3407 1540 001	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3600r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ23
Fuel discharge hole	M18x1.5
Direction of rotation	Left

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

ZYB-0706R/622-2



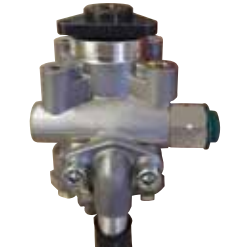
MANUFACTORY REF No.: YSN Type design	
OEM REF No.: D061-700A	
Nominal displacement	9.6ml/r
Maximum pressure	70bar
Highest rotational speed	600–7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5
Direction of rotation	Right

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

ZYB-1007R/2326



MANUFACTORY REF No.: Rane &TRW, 302200144, TATA LCV909	
OEM REF No.: EICHER CANTER	
Nominal displacement	9.6ml/r
Maximum pressure	100bar
Highest rotational speed	500–6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x 1.5–6H
Direction of rotation	Right

ZYB-1616R/2090



MANUFACTORY REF No.: 288546600105 / 30230017	
OEM REF No.: TATA PRIMA Rane Type	
Nominal displacement	20.52ml/r
Maximum pressure	160bar
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

ZYB-0807R/622-3



MANUFACTORY REF No.: 1102DAA04130N	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	75bar
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

ZYB-0906R/768



MANUFACTORY REF No.: 490018	
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

11 JAPANESE AND KOREAN VEHICLE SERIES **FOR DAEWOO**

9 INDIAN VEHICLE SERIES **FOR MAHINDRA**

ZYB-0707R/622A



MANUFACTORY REF No.: New bolero MMF 9308	
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

10 INDIAN VEHICLE SERIES **FOR EICHER**

ZYB-12518R/116



MANUFACTORY REF No.: 65.47101-6041/65.47101-7029/65.47101-6040	
OEM REF No.: DAEWOO/ISUZU	
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

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

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

ZYB-1316L/143




MANUFACTORY REF No.:ID 200714	
OEM REF No.: EICHER 3407 1539 001	
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

ZYB-12518R/153




MANUFACTORY REF No.: 65.47101-7025/65.47101-7017/65.47101-7019	
OEM REF No.: DAEWOO/ISUZU 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

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

ZYB-0606R/2030-1

	MANUFACTORY REF No.: 94567383	
	OEM REF No.: MATIZ 2003-2015 CON POLEA	
	Nominal displacement	7.2ml/r
	Maximum pressure	6.0 bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	φ 18
	Fuel discharge hole	M16 x 1.5-6H
	Direction of rotation	Right


QUANXING NO.:

	MANUFACTORY REF No.: 96460960	
	OEM REF No.: DAEWOO	
	Nominal displacement	
	Maximum pressure	
	Highest rotational speed	
	Controlled flow rate	
	Fuel feed hole	
	Fuel discharge hole	
	Direction of rotation	


13

JAPANESE AND KOREAN VEHICLE SERIES FOR HYUNDAI

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

ZYB-0907R/2158B

	MANUFACTORY REF No.: 540415	
	OEM REF No.: DAEWOO	
	Nominal displacement	8.5ml/r
	Maximum pressure	90bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	φ 17.79
	Fuel discharge hole	M16x1.5-6H (φ 9.91)
	Direction of rotation	Right


12

JAPANESE AND KOREAN VEHICLE SERIES FOR SUZUKI

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

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

ZYB-0906R/2158C

	MANUFACTORY REF No.: 96445803	
	OEM REF No.: DAEWOO	
	Nominal displacement	8.5ml/r
	Maximum pressure	9.0bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	φ 16
	Fuel discharge hole	M16 x 1.5-6H
	Direction of rotation	Right


ZYB-0807R/2343B

	MANUFACTORY REF No.:	
	OEM REF No.: 49100-65J00	
	Nominal displacement	8.5ml/r
	Maximum pressure	8 bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	φ 17.8
	Fuel discharge hole	M16x1.5-6H
	Direction of rotation	Right


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

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


ZYB-1318L/2216

	MANUFACTORY REF No.: 34333 00600	
	OEM REF No.: DAEWOO	
	Nominal displacement	21.0ml/r
	Maximum pressure	130bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	18.0L/min
	Fuel feed hole	M26x1.5-6H
	Fuel discharge hole	M18x1.5-6H
	Direction of rotation	Left


NO.:

	MANUFACTORY REF No.: 49100-65D10	
	OEM REF No.:	
	Nominal displacement	
	Maximum pressure	
	Highest rotational speed	
	Controlled flow rate	
	Fuel feed hole	
	Fuel discharge hole	
	Direction of rotation	

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

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

ZYB-0906R/2363B


	MANUFACTORY REF No.: 24510062	
	OEM REF No.: DAEWOO D200/300	
	Nominal displacement	8.5ml/r
	Maximum pressure	9.0bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	φ 13.5
	Fuel discharge hole	M16 x 1.5-6H
	Direction of rotation	Right



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

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

ZYB-0805R/627-1




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	M16x1.5-6H
Direction of rotation	Right

ZYB-0807R/688



MANUFACTORY REF No.:	
OEM REF No.: HYUNDAI SANTAFE2.7/57100-26100/57100-26100	
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

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

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

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

ZYB-0707R/711B



MANUFACTORY REF No.: HYUNDAI	
OEM REF No.: 57100-2B000	
Nominal displacement	7.2ml/r
Maximum pressure	7.0bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-08075R/870-1



MANUFACTORY REF No.: 57100-17000	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.5L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

ZYB-0805R/627-3



MANUFACTORY REF No.:	
OEM REF No.: 57100-43003	
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

ZYB-0807R/711C



MANUFACTORY REF No.:	
OEM REF No.: 5710026300	
Nominal displacement	8.5ml/r
Maximum pressure	8.0bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0606R/870-2




MANUFACTORY REF No.:	
OEM REF No.: 57110 22502	
Nominal displacement	9.6ml/r
Maximum pressure	60bar
Highest rotational speed	600-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ15
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0807R/613B



MANUFACTORY REF No.:	
OEM REF No.: HYUNDAI	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	600-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M14x1.25-6H
Direction of rotation	Right

ZYB-0805R/627-4



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	M16x1.5-6H
Direction of rotation	Right

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

ZYB-08507R/2050




MANUFACTORY REF No.:	
OEM REF No.: DHB 57100-2E100	
Nominal displacement	9.6ml/r
Maximum pressure	8.5bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0907R/627



MANUFACTORY REF No.: 57100-4F100	
OEM REF No.: HYUNDA	
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

ZYB-0808R/627-5




MANUFACTORY REF No.: 57100-4B100	
OEM REF No.: HYUNDAI YSOA27	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ13.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

ZYB-0908R/2100




MANUFACTORY REF No.: KIA Besta GS 2.7/3.0	
OEM REF No.: 0K72A 32600A/32600B	
Nominal displacement	8.5ml/r
Maximum pressure	95bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M14 x 1.5-6H
Direction of rotation	Right

ZYB-0806R/2134




MANUFACTORY REF No.: 571000Q000(8002 023)	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-08508R/2152



MANUFACTORY REF No.:	
OEM REF No.: 57100-1Z100	
Nominal displacement	8.5ml/r
Maximum pressure	98.5bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ15
Fuel discharge hole	M16x1.5-6h
Direction of rotation	Right


ZYB-0908R/2238



MANUFACTORY REF No.: 57100-2E200	
OEM REF No.: HYUNDAI	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ10.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

14 JAPANESE AND KOREAN MITSUBISHI FOR VEHICLE SERIES

ZYB-0807R/2150




MANUFACTORY REF No.: HYUNDAI HB 20	
OEM REF No.: 57100-15000/57100-2F600	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0907R/2173



MANUFACTORY REF No.:57100-4A850	
OEM REF No.:	
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

ZYB-0807R/2295



MANUFACTORY REF No.: KIA MOTORS CARENS	
OEM REF No.: 94730863 97016	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right

ZYB-1416R/115



MANUFACTORY REF No.: 475-03451	
OEM REF No.: FUSO 6D16T	
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

ZYB-0909R/2150-1



MANUFACTORY REF No.: 57100-1S000	
OEM REF No.: HYUNDAI HB20	
Nominal displacement	8.5ml/r
Maximum pressure	9.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0907R/2173-1



MANUFACTORY REF No.:57100-4F200	
OEM REF No.:	
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

ZYB-0709R/2302



MANUFACTORY REF No.: 661 460 38 80	
OEM REF No.: HYUNDAI	
Nominal displacement	9.6ml/r
Maximum pressure	70bar
Highest rotational speed	600-5500r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ13
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-1216R/115-1




MANUFACTORY REF No.: MC092059/475-03479/475-03498	
OEM REF No.: FUSO 6D17	
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

ZYB-0807R/2151



MANUFACTORY REF No.:HYUNDAI TUCSON	
OEM REF No.: 57100-2E000	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6h
Direction of rotation	Right

ZYB-08508R/2175



MANUFACTORY REF No.:57100-4H100	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	85bar
Highest rotational speed	600-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0907R/2320



MANUFACTORY REF No.: 57100-5H001	
OEM REF No.: HYUNDAI	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	Φ15.2xΦ14.2
Direction of rotation	Right

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

ZYB-0808R/2151-1



MANUFACTORY REF No.: 57100-2D101	
OEM REF No.: HYUNDAI	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16.8
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-08075R/2228



MANUFACTORY REF No.:57100-2B301	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.5L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.:



MANUFACTORY REF No.: 57110-29100	
OEM REF No.: HYUNDAI, different pulley	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-1212L/125-1



MANUFACTORY REF No.: MC043047/475-03434/MC826124/475-03428	
OEM REF No.: FUSO 6D16	
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

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

ZYB-0706R/384



MANUFACTORY REF No.: 4D32/ MC117853	
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

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

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

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

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

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

ZYB-0705R/650




MANUFACTORY REF No.: Y3K05312	
OEM REF No.: MB501385	
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	M12x1.25–6H
Direction of rotation	Right

ZYB-0906L/240B




MANUFACTORY REF No.:	
OEM REF No.: MITSUBISHI	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	500–7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M12*1.25–6g
Direction of rotation	Left

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

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

ZYB-0706R/650-1




MANUFACTORY REF No.: KUDA	
OEM REF No.: MITSUBISHI	
Nominal displacement	8.5ml/r
Maximum pressure	70bar
Highest rotational speed	600–6000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ13.5
Fuel discharge hole	M12x1.25–6g
Direction of rotation	Right

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

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

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

ZYB-0910R/668




MANUFACTORY REF No.: MIT PAJERO V31	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	90bar
Highest rotational speed	500–7000r/min
Controlled flow rate	6.1L/min
Fuel feed hole	Φ14.4
Fuel discharge hole	M12 x 1.25
Direction of rotation	Right

ZYB-0906L/240-4



MANUFACTORY REF No.: Customization	
OEM REF No.: MITSUBISHI	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	600–7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M12x1.25–6g
Direction of rotation	Left

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

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

ZYB-0907R/707-1



MANUFACTORY REF No.: 220-24CV	
OEM REF No.: TRITON MR992873T WG2.7/MR995027	
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


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	M12x1.25-6H
	Direction of rotation	Right


ZYB-1007R/818

	MANUFACTORY REF No.:	
	OEM REF No.: A001 4D56/MR267661	
	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	M12x1.25-6g
	Direction of rotation	Right

ZYB-0705R/856-2

	MANUFACTORY REF No.: WIRA 1.5	
	OEM REF No.: MITSUBISHI	
	Nominal displacement	7.2ml/r
	Maximum pressure	70bar
	Highest rotational speed	600-6000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ13.5
	Fuel discharge hole	M12x1.25-6g
	Direction of rotation	Right

ZYB-1007R/2074

	MANUFACTORY REF No.: JKC 475-04161	
	OEM REF No.:	
	Nominal displacement	13.34ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	Φ20
	Fuel discharge hole	G3/8-19
	Direction of rotation	Right


ZYB-0807L/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	M12x1.25-6H
	Direction of rotation	Right


ZYB-0805R/818-1

	MANUFACTORY REF No.:	
	OEM REF No.: 4M40/MR374895/MR8020/MB922703	
	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	M12x1.25-6g
	Direction of rotation	Right


ZYB-0706R/856-3

	MANUFACTORY REF No.: MR353475	
	OEM REF No.: MITSUBISHI	
	Nominal displacement	8.5ml/r
	Maximum pressure	70bar
	Highest rotational speed	600-7000r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	Φ13.5
	Fuel discharge hole	Φ15.2/Φ14
	Direction of rotation	Right


ZYB-1010R/2118

	MANUFACTORY REF No.: 470-04456	
	OEM REF No.: 6D31	
	Nominal displacement	9.6ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	10.0L/min
	Fuel feed hole	Φ13.5
	Fuel discharge hole	M18 x 1.5-6H
	Direction of rotation	Right

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


ZYB-0906R/837

	MANUFACTORY REF No.: ME994444	
	OEM REF No.: 4M51/MC081431/MK382473	
	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	M12x1.25-6G
	Direction of rotation	Right


ZYB-0905R/856C

	MANUFACTORY REF No.: WIRA 1.6	
	OEM REF No.: MITSUBISHI	
	Nominal displacement	6.1ml/r
	Maximum pressure	90bar
	Highest rotational speed	600-6000r/min
	Controlled flow rate	5.0L/min
	Fuel feed hole	Φ13.5
	Fuel discharge hole	M12x1.25-6G
	Direction of rotation	Right

ZYB-0706L/2160

	MANUFACTORY REF No.: 4M Canter, with 880#gear	
	OEM REF No.: MITSUBISHI	
	Nominal displacement	9.6ml/r
	Maximum pressure	70bar
	Highest rotational speed	500-6000r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	Φ16.7
	Fuel discharge hole	M12 x 1.25-6g
	Direction of rotation	Left

ZYB-0807R/734-3B

	MANUFACTORY REF No.:	
	OEM REF No.: 1MZ	
	Nominal displacement	9.6ml/r
	Maximum pressure	8.0bar
	Highest rotational speed	600-5500r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	Φ17.8
	Fuel discharge hole	M16 x 1.5-6H
	Direction of rotation	Right

ZYB-0907L/854

	MANUFACTORY REF No.: MR992873(3X01A044)	
	OEM REF No.: TRITON L200/4M41	
	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	M16x1.5-6H
	Direction of rotation	Left


ZYB-1312L/880

	MANUFACTORY REF No.: 6D31/6D36	
	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	M12x1.25-6G
	Direction of rotation	Left


ZYB-1015R/2166

	MANUFACTORY REF No.: 475-03722/475-03739	
	OEM REF No.:	
	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


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	M16x1.6-6H
	Direction of rotation	Right


ZYB-0907R/856

	MANUFACTORY REF No.:	
	OEM REF No.: 4G18	
	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	M16x1.5-6H
	Direction of rotation	Right


ZYB-1215L/886

	MANUFACTORY REF No.:	
	OEM REF No.: 6M60T/MC081985	
	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

ZYB-0806R/2200


	MANUFACTORY REF No.: MIT Magna TE KE KF V6	
	OEM REF No.:	
	Nominal displacement	9.6ml/r
	Maximum pressure	80bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	Φ17.5
	Fuel discharge hole	M12 x 1.25-6g
	Direction of rotation	Right

ZYB-06505R/2230-1




MANUFACTORY REF No.: ALZA	
OEM REF No.: MITSUBISHI	
Nominal displacement	7.2ml/r
Maximum pressure	65bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16×1.5-6H
Direction of rotation	Right

ZYB-0807R/2358



MANUFACTORY REF No.:	
OEM REF No.: TRITON ALL	
Nominal displacement	9.6ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16×1.5-6H
Direction of rotation	Right

ZYB-1316L/62-2




MANUFACTORY REF No.: WITH SCREW HOLE	
OEM REF No.: HINO J08C 44310-2790/44310-E0250	
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	M16x1.5
Direction of rotation	Left

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	M22x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

ZYB-0807R/2296



MANUFACTORY REF No.: MR491774	
OEM REF No.: MITSUBISHI; 4M41	
Nominal displacement	9.0ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ11.5
Fuel discharge hole	M16×1.5-6H
Direction of rotation	Right

NO.:



MANUFACTORY REF No.:	
OEM REF No.: 8DC9	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-1316R/62-3




MANUFACTORY REF No.: 44350-1570	
OEM REF No.: HINO J08E/44310-E0300/E0301	
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	M16x1.5-6H
Direction of rotation	Right

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	M16x1.5
Direction of rotation	Right

ZYB-1211L/2301




MANUFACTORY REF No.: 6M61/MK383575/470-03334	
OEM REF No.: MITSUBISHI	
Nominal displacement	14.5ml/r
Maximum pressure	120bar
Highest rotational speed	500-6000r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ15.5
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

NO.:




MANUFACTORY REF No.: MR223480	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

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	M22x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

ZYB-1516R/174-1



MANUFACTORY REF No.: 44310-2260/	
OEM REF No.: HINO	
Nominal displacement	20.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3200r/min
Controlled flow rate	16.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right


ZYB-0808R/2303



MANUFACTORY REF No.: 4D56 Storm	
OEM REF No.: MITSUBISHI	
Nominal displacement	9.6ml/r
Maximum pressure	85bar
Highest rotational speed	500-5000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	Φ15.2/Φ14
Direction of rotation	Right


15 JAPANESE AND KOREAN VEHICLE SERIES FOR HINO

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	M22x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Right

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

ZYB-1008R/2336




MANUFACTORY REF No.: MK383011 / 478-04303	
OEM REF No.: 4M51	
Nominal displacement	9.0ml/r
Maximum pressure	10.0bar
Highest rotational speed	500-4500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.8
Fuel discharge hole	M16×1.5-6H
Direction of rotation	Right

ZYB-1316L/62



MANUFACTORY REF No.: 44310-2362/44310-2322	
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	M20x1.5
Fuel discharge hole	M16x1.5
Direction of rotation	Left

ZYB-1016R/155



MANUFACTORY REF No.: 44300-1641	
OEM REF No.: HINO EF750/F13C	
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	M16x1.5
Direction of rotation	Right

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	M16x1.5
Direction of rotation	Left

ZYB-0910R/253-2



MANUFACTORY REF No.: 44310-2231	
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	M16x1.5-6H
Direction of rotation	Right

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

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

ZYB-13511R/554-1A



MANUFACTORY REF No.: E0100	
OEM REF No.:	
Nominal displacement	14.5ml/r
Maximum pressure	135bar
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

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

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

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

ZYB-13511R/554-1B



MANUFACTORY REF No.: HINO E0100	
OEM REF No.: HINO	
Nominal displacement	14.5ml/r
Maximum pressure	135bar
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

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

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

ZYB-1420L/551C



MANUFACTORY REF No.:	
OEM REF No.: HINO	
Nominal displacement	20.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	20.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

ZYB-0808R/554-2



MANUFACTORY REF No.: J05C	
OEM REF No.:	
Nominal displacement	14.5ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-3600r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

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

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

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

ZYB-13509L/554-3



MANUFACTORY REF No.: HINO E0102	
OEM REF No.:	
Nominal displacement	14.5ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

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

ZYB-1417L/507B



MANUFACTORY REF No.: 11467-2280/F20C/	
OEM REF No.: HINO	
Nominal displacement	28.0ml/r
Maximum pressure	140bar
Highest rotational speed	625-4790r/min
Controlled flow rate	17.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

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

ZYB-1312L/554-4



MANUFACTORY REF No.:	
OEM REF No.: E0100	
Nominal displacement	14.5ml/r
Maximum pressure	135bar
Highest rotational speed	500-3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left

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

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

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

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

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

ZYB-12155R/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

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

ZYB-08509L/235




MANUFACTORY REF No.: 1-19500-433-0	
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

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

: ZYB-0808L/2391-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	11.4ml/r
Maximum pressure	8.0bar
Highest rotational speed	500–6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Left

ZYB-08511R/142-1



MANUFACTORY REF No.: NISSAN 47.5 HOLE	
OEM REF No.: NISSAN	
Nominal displacement	15.77ml/r
Maximum pressure	85bar
Highest rotational speed	500–3200r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ12 (PCD47.5-2*M8)
Fuel discharge hole	M18*1.5–6H
Direction of rotation	Left

ZYB-1014R/238



MANUFACTORY REF No.: 44306-1160Q/8-97098878-0	
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

ZYB-0907R/645



MANUFACTORY REF No.:	
OEM REF No.: HINO JOSC 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

16 JAPANESE AND KOREAN VEHICLE SERIES FOR ISUZU

QUANXING 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

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

ZYB-1109R/645-1




MANUFACTORY REF No.:	
OEM REF No.: JOSC dynar	
Nominal displacement	13.6ml/r
Maximum pressure	110bar
Highest rotational speed	500–3600r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ25.4
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

ZYB-08509L/126



MANUFACTORY REF No.: 470-04156	
OEM REF No.: ISUZU 6HH1(2 HOLES)/1-19500-456-0	
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

ZYB-1318L/170-1



MANUFACTORY REF No.: 19500-413/475-05028/475-05032/6SD1	
OEM REF No.: ISUZU	
Nominal displacement	20.0ml/r
Maximum pressure	130bar
Highest rotational speed	600–3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

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


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	


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	

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	

ZYB-09507R/612

	MANUFACTORY REF No.:	
	OEM REF No.: ELF77PS	
	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	

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	

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	


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	


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	

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	


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	


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.: 4JA1/8-97129-593-1	
	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	

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	

ZYB-0506R/383-1

	MANUFACTORY REF No.: 71102H	
	OEM REF No.:	
	Nominal displacement	7.0ml/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	


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	


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	


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	


ZYB-1007R/383-3

	MANUFACTORY REF No.:	
	OEM REF No.: 4JG2 with pulley	
	Nominal displacement	7.0ml/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	

ZYB-09507R/593

	MANUFACTORY REF No.: ISUZU 4JJ1	
	OEM REF No.: 8-97466-694-0/8-97355980-3	
	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	


ZYB-1109R/723-16

	MANUFACTORY REF No.: 8-97354730-0/7079 955 516	
	OEM REF No.: ISUZU	
	Nominal displacement	8.5ml/r
	Maximum pressure	110bar
	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	


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


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


ZYB-1207R/890-1

	MANUFACTORY REF No.:	
	OEM REF No.: JMC	
	Nominal displacement	11.25ml/r
	Maximum pressure	120bar
	Highest rotational speed	500-8000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	Φ20
	Fuel discharge hole	M16x1.5-6H
	Direction of rotation	Right


ZYB-1418R/

	MANUFACTORY REF No.: 119500614	
	OEM REF No.: 488-00112 6WF1	
	Nominal displacement	31.0ml/r
	Maximum pressure	140bar
	Highest rotational speed	500-3600r/min
	Controlled flow rate	18.0L/min
	Fuel feed hole	Φ14
	Fuel discharge hole	M18 x 1.5-6H
	Direction of rotation	Right

ZYB-0907R/732

	MANUFACTORY REF No.: 8970 887 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


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


ZYB-1309L/2052

	MANUFACTORY REF No.: 4HK1	
	OEM REF No.: 470-04170 / 119500538 / 1-19500636-1	
	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


ZYB-1418R/2162-1

	MANUFACTORY REF No.: 119500614 , with gear	
	OEM REF No.: ISUZU	
	Nominal displacement	31.0ml/r
	Maximum pressure	140bar
	Highest rotational speed	500-4000r/min
	Controlled flow rate	18.0L/min
	Fuel feed hole	Φ14
	Fuel discharge hole	M18 x 1.5-6H
	Direction of rotation	Right

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


ZYB-0605R/885

	MANUFACTORY REF No.:	
	OEM REF No.: SUZUKI 15E-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	M16x1.5-6H
	Direction of rotation	Right


ZYB-1415R/2088

	MANUFACTORY REF No.: 6HK1	
	OEM REF No.: 1-19500-539-0	
	Nominal displacement	15.39ml/r
	Maximum pressure	140bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	15.0L/min
	Fuel feed hole	Φ12
	Fuel discharge hole	G3/8-19
	Direction of rotation	Right


ZYB-1418R/2162B

	MANUFACTORY REF No.:	
	OEM REF No.: ISUZU	
	Nominal displacement	31ml/r
	Maximum pressure	140bar
	Highest rotational speed	500-4000r/min
	Controlled flow rate	18.0L/min
	Fuel feed hole	Φ14
	Fuel discharge hole	3/4-16UNF-2B
	Direction of rotation	Right

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	G3/8
	Direction of rotation	Right

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


ZYB-1415L/2095

	MANUFACTORY REF No.: 119500629(B4240-15001)	
	OEM REF No.: 470-04170	
	Nominal displacement	15.0ml/r
	Maximum pressure	140bar
	Highest rotational speed	500-3600r/min
	Controlled flow rate	15.0L/min
	Fuel feed hole	Φ20
	Fuel discharge hole	M20 x 1.5-6H
	Direction of rotation	Left


ZYB-1520R/2231

	MANUFACTORY REF No.: 474-01080/474-01063/1-19500-382/6RB1D	
	OEM REF No.: ISUZU	
	Nominal displacement	13*2ml/r
	Maximum pressure	150bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	20.0L/min
	Fuel feed hole	Φ12(PDC48-2*M8)
	Fuel discharge hole	M18 x 1.25-6H
	Direction of rotation	Right

ZYB-1207L/873

	MANUFACTORY REF No.: 897258461/475-04961	
	OEM REF No.: NPR/4HE1/4HG1/475-04951	
	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

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

ZYB-0706R/2111

	MANUFACTORY REF No.: 8-94450-411-2	
	OEM REF No.: Isuzu Trooper Rodeo 88'-97'	
	Nominal displacement	6.1ml/r
	Maximum pressure	70bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	6.0L/min
	Fuel feed hole	Φ12.5
	Fuel discharge hole	M16 x 1.25-6g
	Direction of rotation	Right

ZYB-1220L/2294

	MANUFACTORY REF No.: 1-19500506/6SD1D06	
	OEM REF No.: ISUZU	
	Nominal displacement	2*18ml/r
	Maximum pressure	120bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	20.0L/min
	Fuel feed hole	Φ13
	Fuel discharge hole	M18 x 1.5-6H
	Direction of rotation	Left

ZYB-1220L/2294B

MANUFACTORY REF No.: 6SD1D83R 119500555(474-01057)	
OEM REF No.: ISUZU	
Nominal displacement	2*18ml/r
Maximum pressure	120bar
Highest rotational speed	500-3500r/min
Controlled flow rate	20.0L/min
Fuel feed hole	Φ13
Fuel discharge hole	M18 x 1.5-6H
Direction of rotation	Left

ZYB-1321R/2365

MANUFACTORY REF No.: MK363403	
OEM REF No.: ISUZU; D-MAX 1.9	
Nominal displacement	28.0ml/r
Maximum pressure	13.0bar
Highest rotational speed	500-3200r/min
Controlled flow rate	21.0L/min
Fuel feed hole	Φ23.5
Fuel discharge hole	3/4-16-UNF-2B
Direction of rotation	Left

ZYB-1108L/2298

MANUFACTORY REF No.: 898155752; B4230-08054	
OEM REF No.: ISUZU 4HE1 Customization	
Nominal displacement	8.5ml/r
Maximum pressure	110bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M12 x 1.5-6g(外螺纹)
Direction of rotation	Left

NO.:

MANUFACTORY REF No.: 897350530	
OEM REF No.: 4HL1	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-1318L/2317

MANUFACTORY REF No.: 6SD1SRH 119500560/475-05062	
OEM REF No.: ISUZU	
Nominal displacement	26.65ml/r
Maximum pressure	130bar
Highest rotational speed	600-3200r/min
Controlled flow rate	18.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M18 x 1.5-6H
Direction of rotation	Left

NO.:

MANUFACTORY REF No.:	
OEM REF No.: 6WA1D	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-1215L/2319

MANUFACTORY REF No.: 119500533/475-05200/19500548(05202)	
OEM REF No.: ISUZU	
Nominal displacement	15.39ml/r
Maximum pressure	120bar
Highest rotational speed	500-3300r/min
Controlled flow rate	15.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	G 3/8-19
Direction of rotation	Left

NO.:

MANUFACTORY REF No.: 119500624/474-01080	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-0907L/2359

MANUFACTORY REF No.: 898319938	
OEM REF No.: ISUZU; D-MAX 1.9	
Nominal displacement	7.0ml/r
Maximum pressure	9.0bar
Highest rotational speed	500-4500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.8
Fuel discharge hole	M14 x 1.5-6H
Direction of rotation	Left

NO.:

MANUFACTORY REF No.: 26112229	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

17
JAPANESE AND KOREAN VEHICLE SERIES
FOR NISSAN

ZYB-13518L/152-2

MANUFACTORY REF No.: 14670-97312/14670-96367/475-03290/475-03257	
OEM REF No.: NISSAN CW520L/RF8/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	Left

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

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

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	M20x1.5-6G
Direction of rotation	Right

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

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

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


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

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

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

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

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

ZYB-12518L/581-1




MANUFACTORY REF No.: 14670-97369	
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

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

ZYB-10513R/234-5




MANUFACTORY REF No.:	
OEM REF No.: NISSAN	
Nominal displacement	13.2ml/r
Maximum pressure	105bar
Highest rotational speed	500–3200r/min
Controlled flow rate	13L/min
Fuel feed hole	Φ12 (PCD48–2*M8)
Fuel discharge hole	3/4–16UNF
Direction of rotation	Right

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

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

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

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

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

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

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

ZYB-1216R/237




MANUFACTORY REF No.: 475-04332/14670-95031 CKA-2	
OEM REF No.: 475-04332/14670-95031 CKA-2/CK12/475-04212/14720-95003	
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

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

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

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

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

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

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

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

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

ZYB-0806R/834




MANUFACTORY REF No.:	
OEM REF No.: NISSAN E2	
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

ZYB-0808R/887-3



MANUFACTORY REF No.: 49110-0M000 NISSAN SUNNY	
OEM REF No.: NISSAN	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0807R/598-2A




MANUFACTORY REF No.: with 598#pulley	
OEM REF No.: NISSAN	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M12x1.25-6G
Direction of rotation	Right

ZYB-0807R/695-1



MANUFACTORY REF No.: 49110-9S000	
OEM REF No.: NISSAN ZD-300	
Nominal displacement	12.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

ZYB-0807R/2059-1




MANUFACTORY REF No.:48040	
OEM REF No.: FE6	
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

ZYB-0607R/598-6




MANUFACTORY REF No.:	
OEM REF No.: BDH-5535	
Nominal displacement	8.5ml/r
Maximum pressure	6.0bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0909R/695-3



MANUFACTORY REF No.: 49110-VZ10B	
OEM REF No.: NISSAN/URVAN 2008-2013, SIN POLEA-MOTOR DIESEL	
Nominal displacement	9.6ml/r
Maximum pressure	9.0bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

ZYB-0807R/2076



MANUFACTORY REF No.: UJ570	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0905R/632-5




MANUFACTORY REF No.: 49110-00QAG/49110-0246R	
OEM REF No.:	
Nominal displacement	9.3ml/r
Maximum pressure	90bar
Highest rotational speed	500-8000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

ZYB-0808L/853B



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	8.0bar
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

ZYB-0808R/2112




MANUFACTORY REF No.: 49110-VK93A	
OEM REF No.: NISSAN D22	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

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

ZYB-0807R/887-2




MANUFACTORY REF No.: 49110-0M005	
OEM REF No.: SENTRA B13/B14 /49110-0M000/49110-52Y00	
Nominal displacement	7.2ml/r
Maximum pressure	80bar
Highest rotational speed	600-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M18 x 1.5-6H
Direction of rotation	Right

ZYB-0808R/2115




MANUFACTORY REF No.: 49110-EB700	
OEM REF No.: NISSAN FRONTIER	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16.6
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-08065R/2115-1



MANUFACTORY REF No.: 49110-EB300	
OEM REF No.: NISSAN	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16.6
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0807R/2119




MANUFACTORY REF No.:	
OEM REF No.: Pathfinder	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0906R/2293B




MANUFACTORY REF No.:	
OEM REF No.: 49110-8H305	
Nominal displacement	7.2ml/r
Maximum pressure	90bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0705R/2331D




MANUFACTORY REF No.: Cardon 21-5990; 5535	
OEM REF No.: NISSAN URVAN	
Nominal displacement	7.2ml/r
Maximum pressure	7.0bar
Highest rotational speed	500-5000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0909R/2115-2




MANUFACTORY REF No.: 49110-0W000	
OEM REF No.: NISSAN	
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.:



MANUFACTORY REF No.: 49110-32J00	
OEM REF No.: Pathfinder	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ14
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0807R/2316




MANUFACTORY REF No.: 49110-11J00	
OEM REF No.: NISSAN	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0805R/2343



MANUFACTORY REF No.: 49110-BN00C	
OEM REF No.: BOMBA DIRECCION HIDRAULICA SENTRA (B15)	
Nominal displacement	7.2ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0908R/2115-3



MANUFACTORY REF No.: 49110-2S600; Middle East	
OEM REF No.: NISSAN	
Nominal displacement	9.6ml/r
Maximum pressure	95bar
Highest rotational speed	500-5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-07506R/2120



MANUFACTORY REF No.: 49110-2N000	
OEM REF No.: TD 27(Yellow Pulley)	
Nominal displacement	9.6ml/r
Maximum pressure	75bar
Highest rotational speed	500-5500r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0906R/2331




MANUFACTORY REF No.: 49110-2S600	
OEM REF No.: NISSAN; D23	
Nominal displacement	9.6ml/r
Maximum pressure	9.0bar
Highest rotational speed	500-5000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.:



MANUFACTORY REF No.: 49110-10J10	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-0807R/2115-4



MANUFACTORY REF No.: 49110-2S600; Southeast Asia	
OEM REF No.: NISSAN	
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

ZYB-07506R/2120-1



MANUFACTORY REF No.: 49110-2N000	
OEM REF No.: TD 27(Black Pulley)	
Nominal displacement	9.6ml/r
Maximum pressure	75bar
Highest rotational speed	500-5500r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0806R/2331B



MANUFACTORY REF No.: 49110-4Z800	
OEM REF No.: BOMBA DIRECCION HIDRAULICA SENTRA (B15)	
Nominal displacement	7.2ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-5000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.: 38229895



MANUFACTORY REF No.: 49110-000AE	
OEM REF No.: NISSAN PLATINA 4CIL 1.6L 02-10	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-0808R/2116



MANUFACTORY REF No.: 49110-EB700	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0806R/2120-2



MANUFACTORY REF No.:	
OEM REF No.: NISSAN; D22	
Nominal displacement	9.6ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-5500r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0809R/2331C



MANUFACTORY REF No.: 49110-VZ00B	
OEM REF No.: NISSAN;URVAN 2008-2015, CON POLEA-MOTOR 2.5 LITROS	
Nominal displacement	9.6ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-5000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.:



MANUFACTORY REF No.: 49110-9F600	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:

MANUFACTORY REF No.: 49110-1AA0A	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:

MANUFACTORY REF No.: 49110-CB000	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:

MANUFACTORY REF No.: 49110-VZ00B	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

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.:

MANUFACTORY REF No.: 49110-6Z700	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:

MANUFACTORY REF No.: 49110-EA200	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:

MANUFACTORY REF No.: 49110-7P000	
OEM REF No.: INFINITI	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

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.:

MANUFACTORY REF No.: 49110-7S000	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:

MANUFACTORY REF No.: 49110-3S505	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

18 JAPANESE AND KOREAN VEHICLE SERIES FOR TOYOTA

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.:

MANUFACTORY REF No.: 49110-9Z401	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:

MANUFACTORY REF No.: 49110-VB300	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

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

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.:

MANUFACTORY REF No.: 49110-86G00	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:

MANUFACTORY REF No.: 49110-VW000	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

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

ZYB-0707R/262-3

MANUFACTORY REF No.: 1567	
OEM REF No.: TOYOTA Hilux ' 83- '97	
Nominal displacement	11.0ml/r
Maximum pressure	7.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.8
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

ZYB-0606R/412




MANUFACTORY REF No.: 35010	
OEM REF No.: ELF77PSP3901/7K/44310-0B010/0B030	
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

ZYB-0907R/489A-1



MANUFACTORY REF No.: TOYOTA Hilux KUN26R 3.0L TD	
OEM REF No.:1KD FTV TDEFI engine	
Nominal displacement	7.20ml/r
Maximum pressure	90bar
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

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

ZYB-1007R/352




MANUFACTORY REF No.: 44320-87304/44320-59145	
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

ZYB-0807R/439-1



MANUFACTORY REF No.: 44320-35540/1RZ	
OEM REF No.: TOYOTA	
Nominal displacement	9.6ml/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

ZYB-0809R/489Q



MANUFACTORY REF No.: 44310-60500 / 44000-10010	
OEM REF No.: TOYOTA 1VD FT	
Nominal displacement	9.0ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ17.8
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

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

ZYB-0808R/439-2



MANUFACTORY REF No.: 44320-04090 TOYOTA HILUX 4WD/2WD	
OEM REF No.: TOYOTA	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ13
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0809R/572



MANUFACTORY REF No.: 44320-60300	
OEM REF No.:LANDCRUISER FZJ70 PETROL 1FZ	
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

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

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

ZYB-0807R/489




MANUFACTORY REF No.: 44310-35610	
OEM REF No.: TOYOTA HILUX 1KD/INNOVA	
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

ZYB-0809R/572-1




MANUFACTORY REF No.: 44320-60182	
OEM REF No.: CARDONE 96-5879	
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

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

ZYB-1007R/352-3



MANUFACTORY REF No.:	
OEM REF No.:	
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	M16x1.5-6H
Direction of rotation	Right

ZYB-0807R/489A




MANUFACTORY REF No.: 44310-0K040/020	
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

ZYB-0909R/572A




MANUFACTORY REF No.:	
OEM REF No.: LANDCRUISER FZJ70 PETROL 1FZ	
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

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

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

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

ZYB-0807R/646




MANUFACTORY REF No.: 44310-OK010	
OEM REF No.: TOYOTA ZTR	
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

ZYB-0708R/648B



MANUFACTORY REF No.:	
OEM REF No.: 44320-33100/1821	
Nominal displacement	9.6ml/r
Maximum pressure	8.0bar
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

ZYB-0807R/602-1A




MANUFACTORY REF No.: 44320-26070	
OEM REF No.: 44320-35530/44320-26290	
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

ZYB-0805R/639-3



MANUFACTORY REF No.: 44320-60270	
OEM REF No.: TOYOTA PRADO	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500–5500r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

ZYB-0907R/646-1



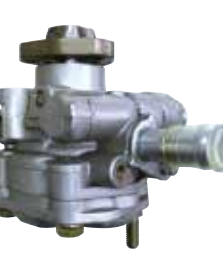
MANUFACTORY REF No.:	
OEM REF No.: YCG16040	
Nominal displacement	9.0ml/r
Maximum pressure	90bar
Highest rotational speed	500–6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ11.5
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

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

ZYB-0807R/612-3



MANUFACTORY REF No.: 1566/44310-60400	
OEM REF No.: Landcruiser UZJ100R 4.7L V8 petrol	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500–6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

ZYB-0807R/639-4



MANUFACTORY REF No.: 44310 0C010	
OEM REF No.: TOYOTA	
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

ZYB-0807R/646-2



MANUFACTORY REF No.: 44320-0K010	
OEM REF No.:	
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

ZYB-0807R/649-1



MANUFACTORY REF No.: Toyota Tacoma Pickup	
OEM REF No.: PICKUP	
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

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

ZYB-0807R/639-5




MANUFACTORY REF No.: 639-2 with oiler	
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	
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

ZYB-0908R/646-3



MANUFACTORY REF No.: 44310-42070	
OEM REF No.:	
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

ZYB-08508R/649-2



MANUFACTORY REF No.: 44320-02033 21-5129	
OEM REF No.: PICKUP	
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

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

ZYB-0808R/639-6



MANUFACTORY REF No.: TOYOTA HILUX 5LE 3LT DIESEL LN167 4WD	
OEM REF No.: TOYOTA	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500–5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

ZYB-0908R/646-4



MANUFACTORY REF No.: 44310-02120 TOYOTA COROLLA	
OEM REF No.: TOYOTA	
Nominal displacement	9.0ml/r
Maximum pressure	90bar
Highest rotational speed	500–6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

ZYB-1009R/649-3




MANUFACTORY REF No.: 44320-35550	
OEM REF No.: TOYOTA	
Nominal displacement	13.0ml/r
Maximum pressure	100bar
Highest rotational speed	500–7000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ14.5 (PCD22–M8)
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

ZYB-0807R/649A



MANUFACTORY REF No.: WITH PULLEY	
OEM REF No.: 3RZ/5L 44320-35560 / 17 Teeth	
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

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

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

ZYB-0807R/734-5




MANUFACTORY REF No.:	
OEM REF No.: Camry MCV36 V6/Avalon MC10R 3.0L V6	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-1009R/667




MANUFACTORY REF No.: Toyota 2UZ	
OEM REF No.: 44310-60400	
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

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

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

ZYB-0807R/734-6



MANUFACTORY REF No.:	
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	Φ14.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-1009R/667A



MANUFACTORY REF No.: 1577/44310-60400	
OEM REF No.: Landcruiser UZJ100R 4.7L V8 Petrol	
Nominal displacement	12.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-1110R/667-6



MANUFACTORY REF No.: 44310-60490	
OEM REF No.:	
Nominal displacement	15.0ml/r
Maximum pressure	110bar
Highest rotational speed	500-6000r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

ZYB-0807R/734-7



MANUFACTORY REF No.: TOYOTA 5S	
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	Φ16
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-1009R/667-1




MANUFACTORY REF No.: Toyota 2UZ	
OEM REF No.: 44310-60590	
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

ZYB-1210R/667-7



MANUFACTORY REF No.: 44310-60470	
OEM REF No.:	
Nominal displacement	15.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-6000r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0807R/734-2A




MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	8.0bar
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

ZYB-0907R/734-8



MANUFACTORY REF No.: Toyota 3ZZ	
OEM REF No.: CAMRY	
Nominal displacement	9.6ml/r
Maximum pressure	90bar
Highest rotational speed	500-5500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-1009R/667-2



MANUFACTORY REF No.: Toyota 2UZ	
OEM REF No.: 44310-60390/CARDONE 96-5402	
Nominal displacement	12.0ml/r
Maximum pressure	100ba
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

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

ZYB-0807R/734-3



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	Φ14.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0707R/734-9



MANUFACTORY REF No.: 44320-33060	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	70bar
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

ZYB-09065R/734-10

MANUFACTORY REF No.: 44310-48040 LEXUS	
OEM REF No.: TOYOTA	
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

ZYB-0505R/778-1

MANUFACTORY REF No.:	
OEM REF No.: AVANZA 8K20027	
Nominal displacement	7.2ml/r
Maximum pressure	50bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ10
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-1006R/2035-1

MANUFACTORY REF No.: TOYOTA CAMRY ACV36 4CYL	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-0806R/2035-7

MANUFACTORY REF No.:	
OEM REF No.: BDH-33456	
Nominal displacement	9.0ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-6000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0808R/734-11

MANUFACTORY REF No.: 44320 02031(Corolla 1ZZFE98)	
OEM REF No.: TOYOTA	
Nominal displacement	11.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0905R/782

MANUFACTORY REF No.: TOYOTA L/C 1VD	
OEM REF No.: 44310-60450, 44310-60420, 44310-60500	
Nominal displacement	12.0ml/r
Maximum pressure	90bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.5L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0807R/2035-2

MANUFACTORY REF No.:	
OEM REF No.: 44310-28240	
Nominal displacement	9.0ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-0908R/2035A-1

MANUFACTORY REF No.: 44310-35660	
OEM REF No.:	
Nominal displacement	9.0ml/r
Maximum pressure	9.0bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

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

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

ZYB-1008R/2035-3

MANUFACTORY REF No.: 44320-30430	
OEM REF No.:	
Nominal displacement	9.0ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-0809R/2056

MANUFACTORY REF No.: 44320-35630	
OEM REF No.: Landruiser RZJ120	
Nominal displacement	9.6ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-0807R/737-1

MANUFACTORY REF No.: TOYOTA PRADO/1593/with fitting	
OEM REF No.: TOYOTA PRADO	
Nominal displacement	10.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ18.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

ZYB-1006R/2035-4

MANUFACTORY REF No.: 44310-06130	
OEM REF No.: TOYOTA	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0907R/2056-1

MANUFACTORY REF No.: 44320 35490	
OEM REF No.: TOYOTA LANDCRUISER	
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

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

29300-17010/081000-1712

MANUFACTORY REF No.: 29300-17010/4.2TD14 1HZ/1HDT	
OEM REF No.: TOYOTA LANDCRUISER TOYOTA LANDCRUISER HDJ100	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-0807R/2035-6

MANUFACTORY REF No.:	
OEM REF No.: 44310-20860	
Nominal displacement	9.0ml/r
Maximum pressure	8.0bar
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

ZYB-0806R/2110

MANUFACTORY REF No.: 44320-12390, 44320-12342	
OEM REF No.: TOYOTA CAROLLA AE101	
Nominal displacement	9.6 ml/r
Maximum pressure	80bar
Highest rotational speed	500-5500r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ11.7
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0806R/2110-2

MANUFACTORY REF No.:	
OEM REF No.: 7K (NEW)	
Nominal displacement	9.6 ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-5500r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-07506R/2213-2

MANUFACTORY REF No.: 44320-20380P	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	85bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-1006R/2346

MANUFACTORY REF No.: 7A	
OEM REF No.:	
Nominal displacement	8.0ml/r
Maximum pressure	10.0bar
Highest rotational speed	500-6000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ12
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.:

MANUFACTORY REF No.: 44320-42010	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-0805R/2123-2

MANUFACTORY REF No.: 350105	
OEM REF No.: TOYOTA L/Cruiser HDJ78/79	
Nominal displacement	14.5 ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-5000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-09507R/2213-3

MANUFACTORY REF No.: 44320-42010 TOYOTA 3S	
OEM REF No.: TOYOTA	
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

ZYB-0705R/2374

MANUFACTORY REF No.: 2C	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	7.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

NO.:

MANUFACTORY REF No.: 44310-05100	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-0809R/2123

MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-3600r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-0605R/2213B

MANUFACTORY REF No.:	
OEM REF No.: 44320-28140	
Nominal displacement	8.0ml/r
Maximum pressure	6.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-0806R/2402

MANUFACTORY REF No.: 5E	
OEM REF No.:	
Nominal displacement	8.0ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	M16 x1.5-6H
Fuel discharge hole	M10 x1.25-6H
Direction of rotation	Right

NO.:

MANUFACTORY REF No.: 44310-33150	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-08507R/2213

MANUFACTORY REF No.: CAMRY-SV21/22 4CYL	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	85bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-1008R/2154-1

MANUFACTORY REF No.: 44320-60320	
OEM REF No.: TOYOTA	
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.:

MANUFACTORY REF No.: 44320-50020	
OEM REF No.: TOYOTA	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.:

MANUFACTORY REF No.: 44310-42090	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-07506R/2213-1

MANUFACTORY REF No.: 44320-20380	
OEM REF No.:	
Nominal displacement	10.0ml/r
Maximum pressure	85bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-0706R/2341

MANUFACTORY REF No.: 44320-28130	
OEM REF No.: TOYOTA; LITEACE NOAH; 3S-FE	
Nominal displacement	10.0ml/r
Maximum pressure	7.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ18
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right


NO.:

MANUFACTORY REF No.: 44320-60230	
OEM REF No.: TOYOTA	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	




19 JAPANESE AND KOREAN VEHICLE SERIES **FOR HOLDEN**

ZYB-0807R/612-4




MANUFACTORY REF No.: 4JH1	
OEM REF No.: HOLDEN Rodeo RA 3.0L Diesel Turbo	
Nominal displacement	8.5ml/r
Maximum pressure	80bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M12 x1.5-6H
Direction of rotation	Right

ZYB-0907R/877-1



MANUFACTORY REF No.:	
OEM REF No.: HOLDEN Commodore VZ 6C & Crewman ZWD	
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

ZYB-0808R/2147-3




MANUFACTORY REF No.:	
OEM REF No.: HOLDEN Commodore VT (8cyl Standard) series II	
Nominal displacement	14.5ml/r
Maximum pressure	79.25bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.37
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-1007R/261A



MANUFACTORY REF No.: HOLDEN Jackaroo UBS 69 Diesel	
OEM REF No.: Rodeo TF Diesel 2WD & 4WD	
Nominal displacement	7.2ml/r
Maximum pressure	100bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ16.7
Fuel discharge hole	M12 x1.25-6g
Direction of rotation	Right

ZYB-08507R/785-3




MANUFACTORY REF No.:	
OEM REF No.: 98-03 Subaru Liberty 2.0 & 2.5L	
Nominal displacement	7.2ml/r
Maximum pressure	85bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M14 x 1.5-6H
Direction of rotation	Right

ZYB-1005R/2143




MANUFACTORY REF No.: Without Pulley	
OEM REF No.: FORD Falcon XH XR6 Utility & P'van	
Nominal displacement	14.5ml/r
Maximum pressure	100bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ11
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-0808R/2147-4



MANUFACTORY REF No.:	
OEM REF No.: HOLDEN Commodore VT (8cyl Variatronic) series II WH	
Nominal displacement	15ml/r
Maximum pressure	79.30bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.37
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-1011R/363-9




MANUFACTORY REF No.:	
OEM REF No.: FORD Falcon-XT standard 8cyl & 16" wheels	
Nominal displacement	14.3ml/r
Maximum pressure	100bar
Highest rotational speed	500-7500r/min
Controlled flow rate	11.0L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZXB-0908R/840-13




MANUFACTORY REF No.:	
OEM REF No.: HOLDEN VECTRA	
Nominal displacement	9.3ml/r
Maximum pressure	90bar
Highest rotational speed	500-8000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ19.5
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

ZYB-07507R/2143-1




MANUFACTORY REF No.:	
OEM REF No.: HOLDEN Commodore VN VQ series II (8cyl)	
Nominal displacement	15ml/r
Maximum pressure	75bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ11
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-08505R/2147-5



MANUFACTORY REF No.:	
OEM REF No.: HOLDEN Commodore	
Nominal displacement	14.5ml/r
Maximum pressure	85bar
Highest rotational speed	500-6000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	Φ17.37
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-1209R/562-6



MANUFACTORY REF No.:	
OEM REF No.: FORD FG FALCON- G6 , G6E&XR6	
Nominal displacement	9.3ml/r
Maximum pressure	120bar
Highest rotational speed	500-8000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ11.2
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-10509R/840-14



MANUFACTORY REF No.:	
OEM REF No.: Falcon BA	
Nominal displacement	9.3ml/r
Maximum pressure	105bar
Highest rotational speed	500-8000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	Φ10
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right


ZYB-0808R/2147



MANUFACTORY REF No.:	
OEM REF No.: HOLDEN Commodore VS (6 cyl) with ABS	
Nominal displacement	14.5ml/r
Maximum pressure	79.25bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.37
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

20 JAPANESE AND KOREAN VEHICLE SERIES **FOR HONDA**

ZYB-1007R/593-1



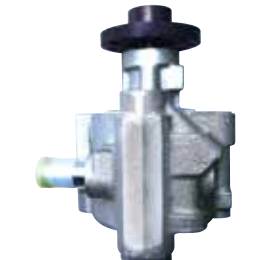
MANUFACTORY REF No.: Holden Rodeo/Colorado/Dmax	
OEM REF No.: 350004	
Nominal displacement	7.2ml/r
Maximum pressure	10.0bar
Highest rotational speed	500-6000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M12 x1.25-6g
Direction of rotation	Left

ZYB-0907R/877




MANUFACTORY REF No.:	
OEM REF No.: HOLDEN Commodore Statesman	
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

ZYB-0808R/2147-1




MANUFACTORY REF No.:	
OEM REF No.: HOLDEN Commodore VT (6cyl Variatronic) serie	
Nominal displacement	15ml/r
Maximum pressure	79.3bar
Highest rotational speed	500-6000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17.37
Fuel discharge hole	M16 x1.5-6H
Direction of rotation	Right

ZYB-0907L/652




MANUFACTORY REF No.:	
OEM REF No.: NEW ACCORD 2.4/56110-PLA-013	
Nominal displacement	10ml/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
Direction of rotation	Left

ZYB-0907L/652-1




MANUFACTORY REF No.: 56110-PLA-033	
OEM REF No.: HONDA	
Nominal displacement	9ml/r
Maximum pressure	90bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	Φ18
Direction of rotation	Left

ZYB-0808R/2264




MANUFACTORY REF No.: 56110-RCA-A01	
OEM REF No.:	
Nominal displacement	12.0ml/r
Maximum pressure	8.0bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ16.2
Fuel discharge hole	Φ18
Direction of rotation	Right

ZYB-0807R/387-1




MANUFACTORY REF No.:	
OEM REF No.: FAMILY 1.8	
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	M14 x 1.5
Direction of rotation	Right

ZYB-09065R/689




MANUFACTORY REF No.:	
OEM REF No.: MAZDA 3 1.6L	
Nominal displacement	7.2ml/r
Maximum pressure	90bar
Highest rotational speed	500-7000r/min
Controlled flow rate	6.5L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M14 x 1.5
Direction of rotation	Right

ZYB-0908R/733A



MANUFACTORY REF No.: 56100-R40-A0/56110-PND-003	
OEM REF No.: HONDA ACURA ACCORD(without adaptor)	
Nominal displacement	9ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ18
Direction of rotation	Right

NO.:




MANUFACTORY REF No.: 56110-RAA-A01	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-1011R/601-1




MANUFACTORY REF No.: 475-04165	
OEM REF No.: MAZDA SL T3500	
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

ZYB-0707R/689-1



MANUFACTORY REF No.: BN9R-32-600C (MAZDA3 1.4/1.6)	
OEM REF No.: MAZDA	
Nominal displacement	7.2ml/r
Maximum pressure	70bar
Highest rotational speed	500-7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ17.7
Fuel discharge hole	M14 x 1.5-6H
Direction of rotation	Right

ZYB-0807R/733A-1




MANUFACTORY REF No.:	
OEM REF No.: HONDA	
Nominal displacement	9ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ8 (PCD20.15/27.67-2*M6)
Direction of rotation	Right

NO.:



MANUFACTORY REF No.: 56110-P2A-013	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-0907R/643



MANUFACTORY REF No.:	
OEM REF No.: MAZDA	
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

ZYB-0807R/777-2



MANUFACTORY REF No.: B25 D35650BL2	
OEM REF No.: FAMILY 1.6	
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	M16 x 1.5
Direction of rotation	Right

ZYB-0808R/2121




MANUFACTORY REF No.: 56100-RAA-A02-1825	
OEM REF No.: ACCORD 2002-2007	
Nominal displacement	10ml/r
Maximum pressure	80bar
Highest rotational speed	500-7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ18
Direction of rotation	Right

NO.:



MANUFACTORY REF No.: 56110-RCA-A01	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

ZYB-0909R/643-1




MANUFACTORY REF No.: MAZADA T4000	
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

ZYB-0907R/881



MANUFACTORY REF No.:	
OEM REF No.: MAZDA BT50	
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	M14x1.5-6H
Direction of rotation	Right

ZYB-0707R/2233



MANUFACTORY REF No.: 56100-RNA-A01;	
OEM REF No.: HONDA	
Nominal displacement	9ml/r
Maximum pressure	80bar
Highest rotational speed	500-8000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ19
Fuel discharge hole	Φ18 (PDC34-2*M6)
Direction of rotation	Right


21 JAPANESE AND KOREAN VEHICLE SERIES FOR MAZDA

ZYB-1007R/661-1




MANUFACTORY REF No.: FC01-32650-A	
OEM REF No.: MAZDA 6	
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	M14 x 1.5
Direction of rotation	Right

ZYB-0907R/881-1



MANUFACTORY REF No.:	
OEM REF No.: MAZDA & FORD	
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	M14x1.5-6H
Direction of rotation	Right

ZYB-0907R/2155




MANUFACTORY REF No.:	
OEM REF No.: FORD/MAZDA ESCAPE BA,ZA,ZB,ZC,ZD V6/ TRIBUTE V6	
Nominal displacement	8.5ml/r
Maximum pressure	90bar
Highest rotational speed	600–7000r/min
Controlled flow rate	7.0L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

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

ZYB-0820R/149-3




MANUFACTORY REF No.: 256B-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

ZYB-1512L/276-3




MANUFACTORY REF No.: CATERPILLAR 106-4356	
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

ZYB-0708R/2167




MANUFACTORY REF No.: 6 Grooves pulley	
OEM REF No.: MIT	
Nominal displacement	9.6ml/r
Maximum pressure	70bar
Highest rotational speed	500–7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	Φ17
Fuel discharge hole	M16 x 1.5–6H
Direction of rotation	Right

ZYB-1616L/93-16




MANUFACTORY REF No.: 7685 955 138	
OEM REF No.: KAMAZ 45104-3407049-90/C4891342	
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

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

ZYB-1816R/353B-2




MANUFACTORY REF No.: 7685 955 382	
OEM REF No.: 5490 truck	
Nominal displacement	21.0ml/r
Maximum pressure	18.0bar
Highest rotational speed	500–4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Right

ZYB-1015R/149




MANUFACTORY REF No.:	
OEM REF No.: MAZDA TRITEC	
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

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

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

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

ZYB-0715R/149-1




MANUFACTORY REF No.: B26K32650B	
OEM REF No.:	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

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

ZYB-1055R/265-7



MANUFACTORY REF No.: 7691 955 339	
OEM REF No.: LADA	
Nominal displacement	8.5ml/r
Maximum pressure	100bar
Highest rotational speed	500–600r/min
Controlled flow rate	5.5L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right


ZYB-1716L/700



MANUFACTORY REF No.: 65110	
OEM REF No.: KAMAZA	
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

22 RUSSIAN VEHICLE SERIES **FOR KAMAZ**

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

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

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

ZYB-12085R/723-14




MANUFACTORY REF No.: 7692 955 419	
OEM REF No.: 5286672	
Nominal displacement	11ml/r
Maximum pressure	120bar
Highest rotational speed	500–7000r/min
Controlled flow rate	8.5L/min
Fuel feed hole	Φ17.5
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

ZYB-1206R/2081-1



MANUFACTORY REF No.: 453471.125-40T	
OEM REF No.:	
Nominal displacement	9.0ml/r
Maximum pressure	120bar
Highest rotational speed	600–7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	M16x1.5–6H
Fuel discharge hole	M14x1.5–6H
Direction of rotation	Right

ZYB-12518L/91A1



MANUFACTORY REF No.: 4310-3407200-11	
OEM REF No.:	
Nominal displacement	19.8ml/r
Maximum pressure	125bar
Highest rotational speed	500–4800r/min
Controlled flow rate	18.0L/min
Fuel feed hole	M26x1.5–6g
Fuel discharge hole	M18x1.5–6g
Direction of rotation	Left

ZYB-1816R/275A-4



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

ZYB-1006R/879



MANUFACTORY REF No.: LADA 2123 3407012	
OEM REF No.:	
Nominal displacement	8.5ml/r
Maximum pressure	100bar
Highest rotational speed	500–7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	Φ13.5
Fuel discharge hole	Φ18
Direction of rotation	Right

ZYB-10507R/2081-2



MANUFACTORY REF No.: 453471.105-40T	
OEM REF No.:	
Nominal displacement	9.0ml/r
Maximum pressure	105bar
Highest rotational speed	600–7500r/min
Controlled flow rate	7.0L/min
Fuel feed hole	M16x1.5–6H
Fuel discharge hole	M14x1.5–6H
Direction of rotation	Right

ZYB-1816L/275A




MANUFACTORY REF No.:	
OEM REF No.: 7685 955 377	
Nominal displacement	21.0ml/r
Maximum pressure	18bar
Highest rotational speed	500–4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

ZYB-1816R/275C




MANUFACTORY REF No.:	
OEM REF No.: 7685 955 381 / 6532-3407200	
Nominal displacement	21.0ml/r
Maximum pressure	18bar
Highest rotational speed	500–5000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Right

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

ZYB-1825R/2271



MANUFACTORY REF No.: 7688 955 528	
OEM REF No.:	
Nominal displacement	32.0ml/r
Maximum pressure	18.0bar
Highest rotational speed	500–2700r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M16x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Right

ZYB-1816R/275A-1




MANUFACTORY REF No.:	
OEM REF No.: ZF7683 955 122	
Nominal displacement	15.0ml/r
Maximum pressure	16bar
Highest rotational speed	500–3500r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Left

ZYB-1009R/275C-1




MANUFACTORY REF No.: 93-20A	
OEM REF No.: PAZ	
Nominal displacement	18.0ml/r
Maximum pressure	10bar
Highest rotational speed	500–3500r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Right

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

ZYB-1408R/2084




MANUFACTORY REF No.: 453471-015	
OEM REF No.:	
Nominal displacement	9.6ml/r
Maximum pressure	140bar
Highest rotational speed	500–7000r/min
Controlled flow rate	8.0L/min
Fuel feed hole	M16x1.5–6H
Fuel discharge hole	M16x1.5–6H
Direction of rotation	Right

ZYB-1009L/275A-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	

ZYB-1516R/275C-2



MANUFACTORY REF No.:	
OEM REF No.: 7685 955 379	
Nominal displacement	21.0ml/r
Maximum pressure	15bar
Highest rotational speed	500–5000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Right


ZYB-1206R/2081



MANUFACTORY REF No.: 453471.125T	
OEM REF No.:	
Nominal displacement	9.0ml/r
Maximum pressure	120bar
Highest rotational speed	600–7000r/min
Controlled flow rate	6.0L/min
Fuel feed hole	M16x1.5–6H
Fuel discharge hole	M14x1.5–6H
Direction of rotation	Right


23 **RUSSIAN VEHICLE SERIES** **FOR RUSSIA**

ZYB-1809L/275A-3



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

ZYB-1120R/275C-3




MANUFACTORY REF No.:	
OEM REF No.: 7685 955 382	
Nominal displacement	21.0ml/r
Maximum pressure	11bar
Highest rotational speed	500–5000r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5–6H
Fuel discharge hole	M18x1.5–6H
Direction of rotation	Right

ZYB-1125R/275C-4

	
MANUFACTORY REF No.:	
OEM REF No.: 7686 955 330	
Nominal displacement	21.0ml/r
Maximum pressure	15bar
Highest rotational speed	500-5000r/min
Controlled flow rate	25.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right


ZYB-1725L/715A-12

	
MANUFACTORY REF No.:	
OEM REF No.: 7686 955 113	
Nominal displacement	25.0ml/r
Maximum pressure	17.0bar
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	Left


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


ZYB-2016R/817-6

	
MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	185bar
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	Right

ZYB-1009R/275E-1

	
MANUFACTORY REF No.:	
OEM REF No.: GAZ	
Nominal displacement	18.0ml/r
Maximum pressure	00bar
Highest rotational speed	500-3500r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right


ZYB-1409R/715F-2

	
MANUFACTORY REF No.:	
OEM REF No.: 7683 955 180	
Nominal displacement	14.0ml/r
Maximum pressure	10.0bar
Highest rotational speed	500-4000r/min
Controlled flow rate	9.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right


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

ZYB-1816L/817-10

	
MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	18ml/r
Maximum pressure	185bar
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

ZYB-0010R/275-8A

	
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	


ZYB-0010R/715F-3

	
MANUFACTORY REF No.:	
OEM REF No.: 7683 955 177	
Nominal displacement	15.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-3500r/min
Controlled flow rate	10.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M16x1.5-6H
Direction of rotation	Right

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

ZYB-1816L/872

	
MANUFACTORY REF No.: 7679 955 303	
OEM REF No.:	
Nominal displacement	18.0ml/r
Maximum pressure	18.0bar
Highest rotational speed	500-4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Light

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


ZYB-0012R/715G-1

	
MANUFACTORY REF No.:	
OEM REF No.: 7684 955 235	
Nominal displacement	17.0ml/r
Maximum pressure	000bar
Highest rotational speed	500-4000r/min
Controlled flow rate	12.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right


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


ZYB-1816L/872-1

	
MANUFACTORY REF No.: 7679 955 616	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	18.0bar
Highest rotational speed	500-4000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Light


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


ZYB-0025R/715G-2

	
MANUFACTORY REF No.:	
OEM REF No.: 7686 955 329	
Nominal displacement	25.0ml/r
Maximum pressure	000bar
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

ZYB-1816R/817-5

	
MANUFACTORY REF No.: 7685 955 229	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	185bar
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	Right

ZYB-1820L/872-2

	
MANUFACTORY REF No.: 7679 955 617	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	18.0bar
Highest rotational speed	500-4000r/min
Controlled flow rate	20.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Light

ZYB-1825L/872-3




MANUFACTORY REF No.: 7679 955 618	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	18.0bar
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	Light

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

ZYB-13533R/175



MANUFACTORY REF No.: 3406Z61-001	
OEM REF No.:	
Nominal displacement	22.0ml/r
Maximum pressure	150bar
Highest rotational speed	500-3200r/min
Controlled flow rate	22.7L/min
Fuel feed hole	M22x1.5
Fuel discharge hole	M20x1.5
Direction of rotation	Right

ZYB-1316R/332



MANUFACTORY REF No.: DZ9100130037	
OEM REF No.: HOWO 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

ZYB-1816L/2128




MANUFACTORY REF No.: Aluminum	
OEM REF No.: P1617 (DI-0401-00W-A)	
Nominal displacement	17ml/r
Maximum pressure	175bar
Highest rotational speed	3500r/min
Controlled flow rate	16.0L/min
Fuel feed hole	M26x1.5-6H
Fuel discharge hole	M18x1.5-6H
Direction of rotation	Left

ZYB-1419R/107




MANUFACTORY REF No.: 3406Z36-001	
OEM REF No.: 6CT300	
Nominal displacement	15.77ml/r
Maximum pressure	140bar
Highest rotational speed	500-3600r/min
Controlled flow rate	19.0L/min
Fuel feed hole	M30x2
Fuel discharge hole	M20x1.5
Direction of rotation	Right

ZYB-1010R/194-4B



MANUFACTORY REF No.: 34.2D-0910-A01	
OEM REF No.:	
Nominal displacement	16.0ml/r
Maximum pressure	80bar
Highest rotational speed	500-3600r/min
Controlled flow rate	10.0L/min
Fuel feed hole	M22x1.5-6H
Fuel discharge hole	M20x1.5-6H
Direction of rotation	Right

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


24 CHINESE VEHICLE SERIES

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

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

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

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

ZYB-1316R/144-9




MANUFACTORY REF No.: DZ9100130028	
OEM REF No.: WEICHAI 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

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

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

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

ZYB-1316R/144-17




MANUFACTORY REF No.: DZ9100130028	
OEM REF No.: WEICHAI 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

ZYB-1418R/329



MANUFACTORY REF No.: 1124134000021	
OEM REF No.: Foton Auman BT5253/3253	
Nominal displacement	16.5ml/r
Maximum pressure	140bar
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

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


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

ZYB-0807R/513-5

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	8.5ml/r
	Maximum pressure	80bar
	Highest rotational speed	500-7000r/min
	Controlled flow rate	7.0L/min
	Fuel feed hole	Φ16.8
	Fuel discharge hole	M16x1.5-6H
	Direction of rotation	Right


ZYB-0907R/2324

	MANUFACTORY REF No.: JIMBEI COMBI/DK0A-3407006A (FZB06A)	
	OEM REF No.: JIMBEI	
	Nominal displacement	11ml/r
	Maximum pressure	90bar
	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

ZYB-1320R/69

	MANUFACTORY REF No.: 7673 955 286	
	OEM REF No.:	
	Nominal displacement	16.0ml/r
	Maximum pressure	130bar
	Highest rotational speed	600-3200r/min
	Controlled flow rate	20.0L/min
	Fuel feed hole	M26x1.5
	Fuel discharge hole	M18x1.5
	Direction of rotation	Right

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

ZYB-1316R/514-2


	MANUFACTORY REF No.: DZ9100130028	
	OEM REF No.: WEICHAI 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

25 AMERICAN VEHICLE SERIES


ZYB-0016L/93-2B

	MANUFACTORY REF No.: PL25003M	
	OEM REF No.:	
	Nominal displacement	25.0ml/r
	Maximum pressure	000 bar
	Highest rotational speed	500-3600r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M18x1.5-6H
	Fuel discharge hole	M26x1.5-6H
	Direction of rotation	Left

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


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


ZYB-1418R/17

	MANUFACTORY REF No.: 3406G-010-C	
	OEM REF No.: CUMMINS 6BT/3415378	
	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


ZYB-0009R/93C-1

	MANUFACTORY REF No.: 7684 975 992/ 6025.007.001.00.1	
	OEM REF No.: VOLARE	
	Nominal displacement	17.0ml/r
	Maximum pressure	000 bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	9.0L/min
	Fuel feed hole	φ 21
	Fuel discharge hole	3/4-16UNF-2A
	Direction of rotation	Right

ZYB-1316R/464-6

	MANUFACTORY REF No.: DZ9100130028	
	OEM REF No.: WEICHAI WD12 FZB13C	
	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

ZYB-0907R/785

	MANUFACTORY REF No.: S12-3407010	
	OEM REF No.: Chery B11	
	Nominal displacement	7.2ml/r
	Maximum pressure	9.0bar
	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


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


ZYB-1618R/93C-2

	MANUFACTORY REF No.:	
	OEM REF No.: 7684 975 993 / 7684 975 944	
	Nominal displacement	17.0ml/r
	Maximum pressure	16.0 bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	18.0L/min
	Fuel feed hole	φ 21
	Fuel discharge hole	3/4-16UNF-2A
	Direction of rotation	Right

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

ZYB-08507R/2041-1

	MANUFACTORY REF No.: F3-3407010	
	OEM REF No.:	
	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


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


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

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

ZYB-0010L/93G1

	MANUFACTORY REF No.: 7684 975 922	
	OEM REF No.: INTERNETIONAL 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


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

QUANXING NO.: 0824R/211

	MANUFACTORY REF No.: V10SA	
	OEM REF No.: ISUZU 6SA1	
	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


ZYB-0016L/93F-2

	MANUFACTORY REF No.: 7684 975 501/ 6025.007.031.00.9	
	OEM REF No.: VOLARE	
	Nominal displacement	17.0ml/r
	Maximum pressure	000bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	Φ21
	Fuel discharge hole	3/4-16UNF-2A
	Direction of rotation	Left


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

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


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


ZYB-0009L/93F-3

	MANUFACTORY REF No.: 7683 975 909 /6008.007.702.00.1	
	OEM REF No.: MARCOPOLO; VOLARE; A.8	
	Nominal displacement	15.0ml/r
	Maximum pressure	000bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	9.0L/min
	Fuel feed hole	Φ21
	Fuel discharge hole	3/4-16UNF-2A
	Direction of rotation	Left


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

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

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

ZYB-0009L/93F-4

	MANUFACTORY REF No.: 7684 975 914/ 6007.007.310.00.5	
	OEM REF No.: 7.500/8.500	
	Nominal displacement	17.0ml/r
	Maximum pressure	000bar
	Highest rotational speed	500-3500r/min
	Controlled flow rate	9.0L/min
	Fuel feed hole	φ 21
	Fuel discharge hole	3/4-16UNF-2A
	Direction of rotation	Left


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

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

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

ZYB-0010L/93G

	MANUFACTORY REF No.: 7684 975 814	
	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

ZYB-10513R/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

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

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

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

ZYB-0016R/257-4A




MANUFACTORY REF No.: 7674 975 959 /6022.007.032.00.4	
OEM REF No.: Cummins 6CT / FORD Cargo 1721 ; XC453A674JA	
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

ZYB-0017R/277-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	21.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3000r/min
Controlled flow rate	17.0L/min
Fuel feed hole	1 1/16–12UN
Fuel discharge hole	3/4–16UNF
Direction of rotation	Left

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

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

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

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

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

ZYB-0016R/257-4



MANUFACTORY REF No.: TJG145157	
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

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

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

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

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

ZYB-0018L/275G



MANUFACTORY REF No.: 7684 975 930/ 4C453A674BA	
OEM REF No.: FORD	
Nominal displacement	18.0ml/r
Maximum pressure	000bar
Highest rotational speed	500–3600r/min
Controlled flow rate	18.0L/min
Fuel feed hole	φ 21
Fuel discharge hole	3/4–16UNF–2A
Direction of rotation	Left

ZYB-1214R/336A



MANUFACTORY REF No.: 542 0239 10	
OEM REF No.: FREIGHTLINER	
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

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

ZYB-1316R/257-6



MANUFACTORY REF No.:	
OEM REF No.: 7674 955 913	
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

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

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

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

ZYB-1614L/336C




MANUFACTORY REF No.: 542 0191 10	
OEM REF No.: 226H050040/CUMMINS68TA	
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

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

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

ZYB-18516L/375-2




MANUFACTORY REF No.: EV221618L 101015	
OEM REF No.: PEV221618L101	
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

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

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

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

ZYB-18516R/375-3




MANUFACTORY REF No.:	
OEM REF No.: PEV221618R101	
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

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

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

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

ZYB-1516L/375-4



MANUFACTORY REF No.:	
OEM REF No.: PEV251615L101	
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

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

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

ZYB-14516L/375



MANUFACTORY REF No.: EV 221615 L101	
OEM REF No.: PEV221615L101	
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

ZYB-1516L/375-5




MANUFACTORY REF No.:	
OEM REF No.:PEV1816-15L101	
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

ZYB-16316R/336G




MANUFACTORY REF No.: 542019510	
OEM REF No.: 542024710/2105424/2106032/Freightliner	
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

QUANXING NO.: 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

ZYB-14516R/375-1




MANUFACTORY REF No.: EV 221615 R101	
OEM REF No.: PEV221615R101	
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

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


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	


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	


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	


ZYB-1416R/375-7B

	MANUFACTORY REF No.: EV181614R101	
	OEM REF No.:	
	Nominal displacement	18.0ml/r
	Maximum pressure	140bar
	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	


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	


ZYB-18156R/375-18

	MANUFACTORY REF No.: 465.TRW.27	
	OEM REF No.:	
	Nominal displacement	22.0ml/r
	Maximum pressure	185bar
	Highest rotational speed	500-4000r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M26x1.5-6H
	Fuel discharge hole	M18x1.5-6H
Direction of rotation	Right	


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	


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	


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	

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	

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	


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	


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	

ZYB-1616R/375-10

	MANUFACTORY REF No.:	
	OEM REF No.: PEV181616R101	
	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	

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	


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	


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	


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

ZYB-16303L/381-8

	MANUFACTORY REF No.: JGBV20	
	OEM REF No.:	
	Nominal displacement	36.4ml/r
	Maximum pressure	160bar
	Highest rotational speed	600-2500r/min
	Controlled flow rate	30.3L/min
	Fuel feed hole	NPT1-1/4
	Fuel discharge hole	NPT3/4-14
	Direction of rotation	Left


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


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

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


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


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


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	

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

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


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

ZYB-1516L/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

ZYB-1010L/394B

	MANUFACTORY REF No.: 7684 975 968/ 6C353A674AD	
	OEM REF No.: FORD	
	Nominal displacement	17.5ml/r
	Maximum pressure	10.0bar
	Highest rotational speed	500-3600r/min
	Controlled flow rate	10.0L/min
	Fuel feed hole	1 1/16-12-2B
	Fuel discharge hole	3/4-16UNF-2B
	Direction of rotation	Left

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


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

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

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


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

ZYB-0008L/398B


	MANUFACTORY REF No.: 7673 975 851/7673 975 836	
	OEM REF No.: VW 7673 975 817/2R0145157C / 5258323	
	Nominal displacement	17.5ml/r
	Maximum pressure	000bar
	Highest rotational speed	500-4000r/min
	Controlled flow rate	8.0L/min
	Fuel feed hole	Φ21.5
	Fuel discharge hole	3/4-16UNF-2A
	Direction of rotation	Left

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

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

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

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

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

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

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

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

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

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

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

ZYB-16316L/436-5



MANUFACTORY REF No.: LF73C 2107361	
OEM REF No.: 380C4135	
Nominal displacement	21.0ml/r
Maximum pressure	163bar
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	Left

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

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

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

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

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

ZYB-08519R/415-3



MANUFACTORY REF No.:	
OEM REF No.:	
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

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

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

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

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

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

ZYB-1416L/539-4



MANUFACTORY REF No.: PS251614L102	
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

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

ZYB-1524R/537-3




MANUFACTORY REF No.: PS252415R1401	
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

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

ZYB-1628R/539-5



MANUFACTORY REF No.: PS282816R10501	
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

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

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

ZYB-1424L/539-1




MANUFACTORY REF No.: PS252414L102	
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

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

ZYB-1216R/528-1




MANUFACTORY REF No.: PS2216R32601S	
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

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

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

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

ZYB-1528R/537



MANUFACTORY REF No.: PS282815R1401	
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

ZYB-1416L/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

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

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

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

ZYB-1524R/539-12



MANUFACTORY REF No.: PS362415R102	
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

ZYB-1516R/539-13



MANUFACTORY REF No.: PS221615R102	
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

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

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

ZYB-1515R/573



MANUFACTORY REF No.: PS251515R103	
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

ZYB-1616L/563-1



MANUFACTORY REF No.:	
OEM REF No.: 380C4122M/VT73515971	
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

ZYB-1520L/573-1



MANUFACTORY REF No.: PS251615L103	
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

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

ZYB-1528L/573-3



MANUFACTORY REF No.: PS251615L11300	
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

ZYB-1216L/573-3A



MANUFACTORY REF No.: PS251612L11300	
OEM REF No.: TRW	
Nominal displacement	25.0ml/r
Maximum pressure	12.0bar
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

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

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

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

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

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 x 1.5-6H
Fuel discharge hole	G3/8-19
Direction of rotation	Right

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 x 1.5-6H
Direction of rotation	Left

ZYB-14135L/607-8A




MANUFACTORY REF No.:	
OEM REF No.: GM	
Nominal displacement	11.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-4800r/min
Controlled flow rate	13.5L/min
Fuel feed hole	Φ10
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Left

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

ZYB-1008L/607




MANUFACTORY REF No.: 7002657C1/541012810	
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 x 1.5-6H
Direction of rotation	Left

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 x 1.5-6H
Direction of rotation	Left

ZYB-14135L/607-8B




MANUFACTORY REF No.:	
OEM REF No.: GM	
Nominal displacement	11.0ml/r
Maximum pressure	140bar
Highest rotational speed	500-4800r/min
Controlled flow rate	1.5L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Left

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

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 x 1.5-6H
Direction of rotation	Left

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 x 1.5-6H
Direction of rotation	Left

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 x 1.5-6H
Direction of rotation	Left

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

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 x 1.5-6H
Direction of rotation	Left

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 x 1.5-6H
Direction of rotation	Left

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

ZYB-1010R/585



MANUFACTORY REF No.: ZF 7684975952	
OEM REF No.: GM Silverado and Ford XC353A674AB	
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

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 x 1.5-6H
Direction of rotation	Left

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 x 1.5-6H
Direction of rotation	Left

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

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 x 2-6H
Fuel discharge hole	M20 x 1.5-6H
Direction of rotation	Left

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

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

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

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

ZYB-1824R/718-2




MANUFACTORY REF No.: PS3224-18R103	
OEM REF No.:	
Nominal displacement	32.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3000r/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

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

ZYB-1430R/731-5




MANUFACTORY REF No.: V20NF1D9T138B8H22	
OEM REF No.:	
Nominal displacement	29.7ml/r
Maximum pressure	140bar
Highest rotational speed	500-3200r/min
Controlled flow rate	30.0L/min
Fuel feed hole	1-5/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Right

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

ZYB-1824R/725




MANUFACTORY REF No.:	
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	1-1/16-12UN-2B
Fuel discharge hole	3/4-16UNF-2B
Direction of rotation	Left

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

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

ZYB-1616L/698



MANUFACTORY REF No.: 1816065C91	
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

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

ZYB-1320L/731-2




MANUFACTORY REF No.: V20NF1D11P38C6G20LH	
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	
Direction of rotation	Right

ZYB-18516L/741A



MANUFACTORY REF No.: LH2114080	
OEM REF No.:	
Nominal displacement	25.0ml/r
Maximum pressure	185bar
Highest rotational speed	500-3600r/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

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

ZYB-1528L/726



MANUFACTORY REF No.:	
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

ZYB-12225R/731-3




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

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


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

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


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


F3-V10-1P5P-11D

	MANUFACTORY REF No.: VICKERS V10	
	OEM REF No.:	
	Nominal displacement	16.4ml/r
	Maximum pressure	172bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	19.0L/min
	Fuel feed hole	NPT1/2-14
	Fuel discharge hole	NPT1
	Direction of rotation	Right


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


ZYB-10512R/815-2B

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	14.5ml/r
	Maximum pressure	107bar
	Highest rotational speed	500-5000r/min
	Controlled flow rate	12.0L/min
	Fuel feed hole	Φ10
	Fuel discharge hole	M16*15-6H
	Direction of rotation	Right

ZYB-1724R/2097

	MANUFACTORY REF No.: PS282417L106	
	OEM REF No.:	
	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	Left


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

ZYB-08512R/815-2

	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	M16*15-6H
	Direction of rotation	Right


ZYB-1209L/800

	MANUFACTORY REF No.: 1816065C91	
	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


ZYB-08512R/815-3

	MANUFACTORY REF No.: PS362418R103	
	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


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

ZYB-1316L/850

	MANUFACTORY REF No.: PS251613L1101	
	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

ZYB-1616L/2127

	MANUFACTORY REF No.: PS221616L555A1S	
	OEM REF No.:	
	Nominal displacement	22.0ml/r
	Maximum pressure	160bar
	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

26 AUTO POWER STEERING GEAR BOX

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	6.4r
Output Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 55.5 x 36

C104-3411010 RH



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	5.4r
Output Angle	± 45°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 19 x 48
Output Shaft Spline	Φ 48.45 x 48

C109-1-3411010 RH



MANUFACTORY REF No.: 4 holes	
OEM REF No.: NISSAN PF6T	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16-22L/min
Circles	6.4r
Output Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 55.5 x 36

C112-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.: 8DC9 446-01911 ISUZU	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4r
Output Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 55.5 x 36

B104-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	8000kg
Power Cylinder Diameter	110mm
Rated Work Pressure	13.7MPa
Recommend Pump Flow Rate	18L/min
Circles	6.37r
Output Angle	± 48°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 55.5 x 36

C105-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.: ASHOK LEYLAND FH100122	
Applicable Front A x le Load	8000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	5.4r
Output Angle	± 47.5°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 19 x 48
Output Shaft Spline	2"x48

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	6.4r
Output Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 55.5 x 36

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 x 1.5
Oil Outlet Hole	M20 x 1.5
Input Shaft Spline	Φ 22.4 x 36
Output Shaft Spline	Φ 49.5 x 52

B106-3411010 RH



MANUFACTORY REF No.: 449-01000 (I440008192)	
OEM REF No.: ISUZU GIGA	
Applicable Front A x le Load	8000kg
Power Cylinder Diameter	110mm
Rated Work Pressure	15MPa
Recommend Pump Flow Rate	20L/min
Circles	5.4r
Output Angle	± 48°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775X36
Output Shaft Spline	Φ 55.5X36

C106-3411010 RH



MANUFACTORY REF No.: 4 holes	
OEM REF No.: NISSAN 48083-Z1012	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16-22L/min
Circles	6.4r
Output Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	m0.5 x 39
Output Shaft Spline	Φ 55.5 x 36

C110-1-3411010 RH



MANUFACTORY REF No.: With drop arm	
OEM REF No.: HINO J08C/E	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4r
Output Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 55.5 x 36

C115-3411010 RH



MANUFACTORY REF No.: TAS655299	
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 x 1.5
Oil Outlet Hole	M20 x 1.5
Input Shaft Spline	Φ 22.4 x 36
Output Shaft Spline	Φ 49.5 x 52

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	5.4r
Output Angle	± 45°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 19 x 48
Output Shaft Spline	Φ 48.45 x 48

C106-1-3411010 RH



MANUFACTORY REF No.: 4 holes	
OEM REF No.: NISSAN 48083-Z1012	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16-22L/min
Circles	6.4r
Output Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	m0.5 x 39
Output Shaft Spline	Φ 55.5 x 36

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	6.4r
Output Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 55.5 x 36

C116-3411010 RH



MANUFACTORY REF No.: TAS652262	
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 x 1.5
Oil Outlet Hole	M20 x 1.5
Input Shaft Spline	Φ 22.4 x 36
Output Shaft Spline	Φ 49.5 x 52

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	5.4r
Output Angle	± 45°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 19 x 48
Output Shaft Spline	Φ 48.45 x 48

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	6.4r
O x Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 55.5 x 36

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	6.4r
Output Angle	± 47.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 55.5 x 36

C122-3411010 RH



MANUFACTORY REF No.: 446-01911	
OEM REF No.: ISUZU	
Applicable Front A x le Load	6500kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13.7MPa
Recommend Pump Flow Rate	18L/min
Circles	6.33r
Output Angle	± 48°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ 21.775X36
Output Shaft Spline	Φ 55.5X36

C123-3411010RH



MANUFACTORY REF No.:	
OEM REF No.: TAS65219	
Applicable Front A x le Load	69KN
Power Cylinder Diameter	101.6mm
Rated Work Pressure	15MPa
Recommend Pump Flow Rate	18L/min
Circles	5.4r
Output Angle	± 47.5°
Oil Inlet Hole	3/4-16 UNF-28
Oil Outlet Hole	3/4-16 UNF-28
Input Shaft Spline	Φ20.5x Φ19.38x36
Output Shaft Spline	Φ49.5x Φ48x52

D103-1-3411010 RH



MANUFACTORY REF No.: Oil holes with connector	
OEM REF No.: NISSAN FE6T	
Applicable Front A x le Load	4500kg
Power Cylinder Diameter	90mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	14L/min
Circles	5.38r
Output Angle	± 45°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ21.775 x 36
Output Shaft Spline	Φ42.12x36

F102-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	3000kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	5r
Output Angle	± 41.7°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ17.5 x 36
Output Shaft Spline	ΦM0.95 x 40

F127Z-3411010 RH



MANUFACTORY REF No.: TOYOTA SG-10030RH	
OEM REF No.: TOYOTA SG-10030RH	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	4.5r
Output Angle	± 43°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ17.5 x 36
Output Shaft Spline	Φ30.3 x 48

C125-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.: M100PCL1=1659881C91	
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	

D106--3411010RH



MANUFACTORY REF No.: THP60010 - Freightliner OEM# 14-15702-000,14-17726-000	
OEM REF No.: 14-17727-000 Interchange THP60011 OEM# 14-15701-000	
Applicable Front A x le Load	60KN
Power Cylinder Diameter	95mm
Rated Work Pressure	15MPa
Recommend Pump Flow Rate	12.7-16.9L/min
Circles	5r
Output Angle	± 47.5°
Oil Inlet Hole	3/4-16 UNF-28
Oil Outlet Hole	3/4-16 UNF-28
Input Shaft Spline	Φ20.5x Φ19.38x36
Output Shaft Spline	Φ49.5x Φ48x52

F122-3411010 RH



MANUFACTORY REF No.: AUSTRALIA	
OEM REF No.: TOYOTA LANDCRUISER HZJ80/HDJ80 DIESEL	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	4.5r
Output Angle	± 42.5°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ17.5 x 36
Output Shaft Spline	Φ30.3 x 48

F127Z-1-3411010 RH



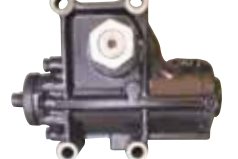
MANUFACTORY REF No.: TOYOTA SG-10040RH	
OEM REF No.: TOYOTA SG-10040RH	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	4.5r
Output Angle	± 43°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ17.5 x 36
Output Shaft Spline	Φ30.3 x 48

C126-3411010RH



MANUFACTORY REF No.:	
OEM REF No.: M100PHE3=3519043C91	
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	

D108-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	4000kg
Power Cylinder Diameter	90mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	10-12L/min
Circles	5.48r
Output Angle	± 46.5°
Oil Inlet Hole	M16 x 1.5-6H
Oil Outlet Hole	M16 x 1.5-6H
Input Shaft Spline	Φ21.775x Φ20.38x36
Output Shaft Spline	Φ38.9x Φ36.8x36

F122Y-3411010 RH



MANUFACTORY REF No.: AUSTRALIA	
OEM REF No.: TOYOTA LANDCRUISER FZJ 75 PETROL	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	4.5r
Output Angle	± 42.5°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ17.5 x 36
Output Shaft Spline	Φ30.3 x 36

F131-3411010 RH



MANUFACTORY REF No.: FORD F250	
OEM REF No.: FORD	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	12L/min
Circles	3.27r
O x Angle	± 42.5°
Oil Inlet Hole	1/2-20
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ18.4 x 36
Output Shaft Spline	Φ32.3 x 40

D102-3411010 RH



MANUFACTORY REF No.: 6D16	
OEM REF No.: MITSUBISHI	
Applicable Front A x le Load	4500kg
Power Cylinder Diameter	90mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	12L/min
Circles	5.38r
Output Angle	± 45°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ21.775 x 36
Output Shaft Spline	Φ44.8 x 44

E103-3411010 RH



MANUFACTORY REF No.: 44310-E0120	
OEM REF No.:	
Applicable Front A x le Load	3500kg
Power Cylinder Diameter	85mm
Rated Work Pressure	13.7MPa
Recommend Pump Flow Rate	10L/min
Circles	4.88r
Output Angle	± 45°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ21.775 x 36
Output Shaft Spline	Φ38.9 x 36

F123-3411010 RH



MANUFACTORY REF No.: TOYOTA DYNAR	
OEM REF No.: 454-04010/44110-37270	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	5.04r
Output Angle	± 45.8°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ17.5 x 36
Output Shaft Spline	M1X36

F141-3411010 RH



MANUFACTORY REF No.: AUSTRALIA	
OEM REF No.: AUSTRALIA	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9L/min
Circles	3.25r
Output Angle	± 43°
Oil Inlet Hole	1/2-20
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ18.4 x 36
Output Shaft Spline	Φ30.8 x 40

D103-3411010 RH



MANUFACTORY REF No.: NISSAN FE6T	
OEM REF No.: 446-02312	
Applicable Front A x le Load	4500kg
Power Cylinder Diameter	90mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	14L/min
Circles	5.38r
Output Angle	± 45°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M18 x 1.5
Input Shaft Spline	Φ21.775 x 36
Output Shaft Spline	Φ42.12x36

F101-3411010 RH



MANUFACTORY REF No.: 897356103	
OEM REF No.: Tractorrefitted Vehicle	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	5r
Output Angle	± 45°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ17.5 x 36
Output Shaft Spline	Φ32.74 x 36

F127-2-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8-10L/min
Circles	4.5r
Output Angle	± 42.5°
Oil Inlet Hole	M16 x 1.5-6H
Oil Outlet Hole	M17 x 1.5-6H
Input Shaft Spline	Φ17.5x Φ16.4x36
Output Shaft Spline	Φ30.3x Φ29.04x48

F146-3411010 RH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.8L/min
Circles	3.34r
Output Angle	± 43°
Oil Inlet Hole	M18 x 1.5-6H
Oil Outlet Hole	M16 x 1.5-6H
Input Shaft Spline	Φ20.4x Φ19.38x36
Output Shaft Spline	Φ30x28.1x36

G102-3411010 RH



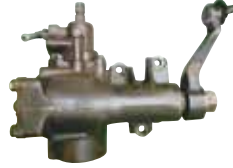
MANUFACTORY REF No:	
OEM REF No.: MITSUBISHI L300	
Applicable Front A x le Load	1750kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	3.78r
Output Angle	± 35°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 16.6 x 36
Output Shaft Spline	Φ 26.3 x 42

G127-3411010 RH



MANUFACTORY REF No:	
OEM REF No.: FUSO PS120	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	75mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	5.7r
Output Angle	± 45°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 16.6 x 36
Output Shaft Spline	M1 x 36

G146-3411010 RH



MANUFACTORY REF No:	
OEM REF No.:	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	75mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	4.36r
Output Angle	± 46.88°
Oil Inlet Hole	M16 x 1.5-6H
Oil Outlet Hole	M17 x 1.5-6H
Input Shaft Spline	Φ 17.5x Φ 16.4x36
Output Shaft Spline	Φ 30.3x Φ 29.04x48

H103-3411010 RH



MANUFACTORY REF No:	
OEM REF No.: MIT L200	
Applicable Front A x le Load	1200kg
Power Cylinder Diameter	66 mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	7L/min
Circles	3.78r
Output Angle	± 41°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 16.6 x 36
Output Shaft Spline	Φ 26.3 x 42

G103-3411010 RH



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 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.6 x 48

G135-3411010 RH



MANUFACTORY REF No: LN106	
OEM REF No.: LN106	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	4.7r
Output Angle	± 39°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	11/16-16
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.6 x 48

H05-3411010 RH



MANUFACTORY REF No:	
OEM REF No.: ISUZU FTR	
Applicable Front A x le Load	1200kg
Power Cylinder Diameter	66mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	6L/min
Circles	4.2r
Output Angle	± 47.5°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	

H104-1-3411010 RH



MANUFACTORY REF No:	
OEM REF No.:	
Applicable Front A x le Load	900kg
Power Cylinder Diameter	66 mm
Rated Work Pressure	8.3MPa
Recommend Pump Flow Rate	7.6L/min
Circles	4.2r
Output Angle	± 47.5°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M14 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 26 x 36

G107-3411010 RH



MANUFACTORY REF No:	
OEM REF No.: TOYOTA	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	4.7r
Output Angle	± 42.5°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.6 x 48

G136-3411010 RH



MANUFACTORY REF No: LN56	
OEM REF No.: LN56	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	5.38r
Output Angle	± 45°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	11/16-16
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.6 x 48

H05-2-3411010 RH



MANUFACTORY REF No:	
OEM REF No.: ISUZU FTR	
Applicable Front A x le Load	1200kg
Power Cylinder Diameter	66 mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	6L/min
Circles	4.2r
Output Angle	± 47.5°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	m0.75 x 40

J102-3411010 RH



MANUFACTORY REF No: C22	
OEM REF No.: C22	
Applicable Front A x le Load	1000kg
Power Cylinder Diameter	mm
Rated Work Pressure	MPa
Recommend Pump Flow Rate	L/min
Circles	5.3r
Output Angle	± 54°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	Φ 15.7 x 36
Output Shaft Spline	Φ 23.8 x 36

G111-1-3411010 RH



MANUFACTORY REF No:	
OEM REF No.:	
Applicable Front A x le 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 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	M0.95 x 40

G138-3411010 RH



MANUFACTORY REF No:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	4.38r
Output Angle	± 43°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.3 x 48

H101-3411010 RH



MANUFACTORY REF No:	
OEM REF No.: NISSAN ZD30	
Applicable Front A x le Load	900kg
Power Cylinder Diameter	66 mm
Rated Work Pressure	8.3MPa
Recommend Pump Flow Rate	7L/min
Circles	4.2r
Output Angle	± 47.5°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 27.1 x 44

J103-3411010 RH



MANUFACTORY REF No: F0603	
OEM REF No.: F0603	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	mm
Rated Work Pressure	MPa
Recommend Pump Flow Rate	L/min
Circles	6.3r
Output Angle	± 40°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	Φ 15.7 x 36
Output Shaft Spline	m0.75 x 40

G113-3411010 RH



MANUFACTORY REF No:	
OEM REF No.: MR319978	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	75mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9L/min
Circles	3.83r
Output Angle	± 41°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 16.6 x 36
Output Shaft Spline	M1 x 32

G143-3411010 RH



MANUFACTORY REF No:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9L/min
Circles	3.25r
Output Angle	± 43.2°
Oil Inlet Hole	M18 x 1.5-6H
Oil Outlet Hole	M16 x 1.5-6H
Input Shaft Spline	Φ 18.4x Φ 17.1x30
Output Shaft Spline	Φ 30x28.1x36

H102-3411010 RH



MANUFACTORY REF No:	
OEM REF No.: STRADA	
Applicable Front A x le Load	1200kg
Power Cylinder Diameter	66 mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	7L/min
Circles	3.78r
Output Angle	± 38°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 16.6 x 36
Output Shaft Spline	Φ 30.75 x 40

J104-3411010 RH



MANUFACTORY REF No: DV57	
OEM REF No.: DV57	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	mm
Rated Work Pressure	MPa
Recommend Pump Flow Rate	L/min
Circles	6.2r
Output Angle	± 47.7°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	Φ 15.7 x 36
Output Shaft Spline	m0.75 x 40

J105-3411010 RH



MANUFACTORY REF No.: LH80	
OEM REF No.: LH80	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	mm
Rated Work Pressure	MPa
Recommend Pump Flow Rate	L/min
Circles	6.2r
Output Angle	±46.7°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	Φ 17.4 × 36
Output Shaft Spline	Φ29.94 × 48

B102-3411010 LH



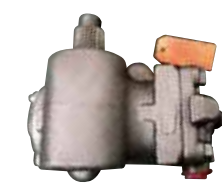
MANUFACTORY REF No.:	
OEM REF No.: 44110-2700	
Applicable Front A x le Load	8000kg
Power Cylinder Diameter	110 mm
Rated Work Pressure	13 MPa
Recommend Pump Flow Rate	18L/min
Circles	6.4
Output Angle	±47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	Φ21.775 × 36
Output Shaft Spline	Φ55.5×36

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	Φ21.775 × 36
Output Shaft Spline	Φ55.5 × 36

C120-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 8014955109 2011-05 Ford F Series & Super Duty (2WD & 4WD)	
Applicable Front A x le Load	3000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	10.7MPa
Recommend Pump Flow Rate	11.4L/min
Circles	4.5r
Output Angle	±47.5°
Oil Inlet Hole	M16 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	
Output Shaft Spline	Φ38.78 × 36

J106-3411010 RH



MANUFACTORY REF No.: TOYOTA SG-10010RH	
OEM REF No.: TOYOTA SG-10010RH	
Applicable Front A x le Load	1000kg
Power Cylinder Diameter	mm
Rated Work Pressure	MPa
Recommend Pump Flow Rate	L/min
Circles	5.8r
Output Angle	±47°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	Φ 17.5 × 36
Output Shaft Spline	Φ26.3 × 42

B102-1-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 44110-2260	
Applicable Front A x le Load	8000kg
Power Cylinder Diameter	110 mm
Rated Work Pressure	13 MPa
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	Φ21.775 × 36
Output Shaft Spline	Φ55.5 × 36

C113-3411010 LH



MANUFACTORY REF No.: TAS652274/TAS65090/TAS65007/KENWORTH OEM K294194	
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	Φ22.4 × 36
Output Shaft Spline	Φ49.5 × 52

C121-3411010 LH



MANUFACTORY REF No.: TAS65072	
OEM REF No.:	
Applicable Front A x le Load	6500kg
Power Cylinder Diameter	101.6mm
Rated Work Pressure	15MPa
Recommend Pump Flow Rate	20L/min
Circles	5.4r
Output Angle	±47.5°
Oil Inlet Hole	3/4-16
Oil Outlet Hole	3/4-16
Input Shaft Spline	Φ20.4 × 36
Output Shaft Spline	m0.93556 × 52

J107-3411010 RH



MANUFACTORY REF No.: TOYOTA SG-10020RH	
OEM REF No.: TOYOTA SG-10020RH	
Applicable Front A x le Load	1000kg
Power Cylinder Diameter	mm
Rated Work Pressure	MPa
Recommend Pump Flow Rate	L/min
Circles	5.7r
Output Angle	±47°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	Φ 17.5 × 36
Output Shaft Spline	Φ26.3 × 42

B107-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	85KN
Power Cylinder Diameter	112 mm
Rated Work Pressure	17 MPa
Recommend Pump Flow Rate	18-20L/min
Circles	4.8r
Output Angle	±46°
Oil Inlet Hole	M16 × 1.5-6H
Oil Outlet Hole	M18 × 1.5-6H
Input Shaft Spline	Φ25.6 × Φ24.51 × 79
Output Shaft Spline	Φ52.94 × Φ50.52 × 48

C117-3411010 LH



MANUFACTORY REF No.: MC082018/446-00651	
OEM REF No.: FUS06M70/FP51J 6D24T/FP210 FP517 FP519	
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	Φ21.775 × 36
Output Shaft Spline	Φ55.5 × 36

E101-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: ISUZU 898110200/455-01047	
Applicable Front A x le 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	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	

J109-3411010 RH



MANUFACTORY REF No.: 48600-8006	
OEM REF No.: JEEP	
Applicable Front A x le Load	1000kg
Power Cylinder Diameter	mm
Rated Work Pressure	MPa
Recommend Pump Flow Rate	L/min
Circles	4.19r
Output Angle	±85.5°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	Φ23.8 × Φ22.3 × 36

B102-2-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 44110-E0670	
Applicable Front A x le Load	8000kg
Power Cylinder Diameter	110 mm
Rated Work Pressure	13 MPa
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	Φ21.775 × 36
Output Shaft Spline	Φ55.5 × 36

C117-1-3411010 LH



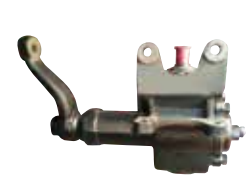
MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	7000kg
Power Cylinder Diameter	100mm
Rated Work Pressure	13MPa
Recommend Pump Flow Rate	16L/min
Circles	6.4
Output Angle	±47.5°
Oil Inlet Hole	M18 × 1.5
Oil Outlet Hole	M18 × 1.5
Input Shaft Spline	Φ21.775 × 36
Output Shaft Spline	2" × 48

E102-3411010



MANUFACTORY REF No.:	
OEM REF No.: 897305047/451-01013	
Applicable Front A x le 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.:



MANUFACTORY REF No.:	
OEM REF No.: TATA ACE Steering Gear	
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	

QUANXING NO.: 3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: MK590031	
Applicable Front A x le Load	8000kg
Power Cylinder Diameter	110 mm
Rated Work Pressure	13 MPa
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	Φ21.775 × 36
Output Shaft Spline	Φ55.5 × 36

C119-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 446-04593/44110-E0090	
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	Φ21.775 × 36
Output Shaft Spline	Φ55.5 × 36

E108-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 44110-37240	
Applicable Front A x le Load	3500kg
Power Cylinder Diameter	85mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	5.67r
Output Angle	±47°
Oil Inlet Hole	M16 × 1.5
Oil Outlet Hole	M16 × 1.5
Input Shaft Spline	Φ17.5 × 36
Output Shaft Spline	Φ36.8 × 36

E109-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: YS9C80	
Applicable Front A x le Load	3500kg
Power Cylinder Diameter	85mm
Rated Work Pressure	12MPa
Recommend Pump Flow Rate	10L/min
Circles	5.2r
Output Angle	± 42°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 41 x 40

F102-3-3411010 LH



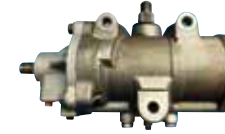
MANUFACTORY REF No.:	
OEM REF No.: MK472191	
Applicable Front A x le Load	3000kg
Power Cylinder Diameter	85mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	5.04r
Output Angle	± 41.7°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 39 x 40

F108-3411010 LH



MANUFACTORY REF No.: Cardone 27-7585	
OEM REF No.: 52113500AF	
Applicable Front A x le 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 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.25 x 30
Output Shaft Spline	Φ 30 x 36

F111-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: Cardone 27-8418	
Applicable Front A x le 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 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	
Output Shaft Spline	Φ 30 x 36

3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: HC7C4	
Applicable Front A x le Load	3500kg
Power Cylinder Diameter	85mm
Rated Work Pressure	12MPa
Recommend Pump Flow Rate	10L/min
Circles	5.72r
Output Angle	± 46°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 16.6 x 36
Output Shaft Spline	Φ 41 x 10

F103-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: ISUZU 898251947/454-01005	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	5
Output Angle	± 45°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	
Output Shaft Spline	

F109-3411010 LH



MANUFACTORY REF No.: Cardone 27-7524	
OEM REF No.: 7846959	
Applicable Front A x le 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	Φ 18.45 x 36
Output Shaft Spline	Φ 29.9 x 36

F112-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: Cardone 27-6529	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.5L/min
Circles	4.25
Output Angle	± 43.5°
Oil Inlet Hole	11/16-18
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 20.4x Φ 19.38x36
Output Shaft Spline	Φ 30x Φ 28.1x36

E111-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: MOROCCO	
Applicable Front A x le Load	4000kg
Power Cylinder Diameter	85mm
Rated Work Pressure	12MPa
Recommend Pump Flow Rate	12L/min
Circles	5r
Output Angle	± 46.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 42.12 x 36

F105-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le 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	Φ 18.45 x 36
Output Shaft Spline	Φ 30.8 x 36

F109-1-3411010 LH



MANUFACTORY REF No.: Connector changes	
OEM REF No.:	
Applicable Front A x le 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 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 31.46 x 9

F112-1-3411010 LH



MANUFACTORY REF No.: Shaft Changed	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	4.25
Output Angle	± 42.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

E113-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	3500kg
Power Cylinder Diameter	85mm
Rated Work Pressure	12MPa
Recommend Pump Flow Rate	7.5-10.5L/min
Circles	4.85r
Output Angle	± 43°
Oil Inlet Hole	M16 x 1.5-6H
Oil Outlet Hole	M16 x 1.5-6H
Input Shaft Spline	Φ 21.775 x 36
Output Shaft Spline	Φ 42.12 x 36

F106-3411010 LH



MANUFACTORY REF No.: Cardone 27-7631	
OEM REF No.:	
Applicable Front A x le 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 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	
Output Shaft Spline	Φ 39 x 36

F109-2-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le 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 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 20.4 x 36
Output Shaft Spline	Φ 31.46 x 9

F113-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: Cardone 27-7501	
Applicable Front A x le 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	Φ 18.45 x 36
Output Shaft Spline	Φ 29.9 x 36

E114-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	3500kg
Power Cylinder Diameter	85mm
Rated Work Pressure	13.7MPa
Recommend Pump Flow Rate	8-10L/min
Circles	4.88r
Output Angle	± 45°
Oil Inlet Hole	M18 x 1.5-6H
Oil Outlet Hole	M18 x 1.5-6H
Input Shaft Spline	Φ 21.775 x Φ 20.38 x 36
Output Shaft Spline	Φ 38.9 x Φ 36.8 x 36

F107-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: Cardone 27-7621	
Applicable Front A x le 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 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.45 x 36
Output Shaft Spline	Φ 39 x 36

F110-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: Cardone 27-7507	
Applicable Front A x le 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	Φ 18.45 x 36
Output Shaft Spline	Φ 29.9 x 36

F113-1-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	3.4
Output Angle	± 41.5°
Oil Inlet Hole	11/16-18
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

F114-3411010 LH



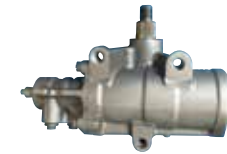
MANUFACTORY REF No.:	
OEM REF No.: Cardone 27-7504	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	4.2
Output Angle	± 42.5°
Oil Inlet Hole	1/2"-20
Oil Outlet Hole	5/8"-18
Input Shaft Spline	Φ 18.45 x 36
Output Shaft Spline	Φ 29.9 x 36

F119-3411010 LH



MANUFACTORY REF No.: Brazil	
OEM REF No.: FORD F250/350(4C343504AC)	
Applicable Front A x le 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	Φ 18.45 x 36
Output Shaft Spline	Φ 32.3 x 40

F120-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8-10L/min
Circles	4.06r
Output Angle	± 41°
Oil Inlet Hole	1/2"-20
Oil Outlet Hole	5/8"-18
Input Shaft Spline	
Output Shaft Spline	Φ 32.3x Φ 30.7x40

F128-1-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	3.25r
Output Angle	± 42°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 16.8
Output Shaft Spline	Φ 30 x 36

F115-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 15173571	
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	

F119-1-3411010 LH



MANUFACTORY REF No.: Cardone 27-7569	
OEM REF No.: 2003-02 Ford E250,E350,E45	
Applicable Front A x le 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	Φ 18.45 x 36
Output Shaft Spline	Φ 32.3 x 40

F125-3411010 LH



MANUFACTORY REF No.: Cardone 27-7512	
OEM REF No.: 1979-77 Chevrolet C-10/20/30,GMC Jimmy	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	3.34r
Output Angle	± 43°
Oil Inlet Hole	11/16"-18
Oil Outlet Hole	5/8"-16
Input Shaft Spline	Φ 18.4 x 36
Output Shaft Spline	Φ 30 x 36

F129-3411010 LH



MANUFACTORY REF No.: Cardone 27-7588	
OEM REF No.: 1999 Dodge Dakota/Durango	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	2.94r
Output Angle	± 36°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 36
Output Shaft Spline	Φ 30 x 36

F116-3411010 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	

F119-2-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le 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	Φ 18.45 x 36
Output Shaft Spline	Φ 30.8 x 36

F126-3411010 LH



MANUFACTORY REF No.: Cardone 27-7522	
OEM REF No.: 1986-80 Chevrolet C-10/20/30	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	3.34r
Output Angle	± 43°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 36
Output Shaft Spline	Φ 30 x 36

F130-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	2.93r
Output Angle	± 38°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18
Output Shaft Spline	Φ 38.6 x 36

F117-3411010 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	

F119-3-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	3.27
Output Angle	± 42.5°
Oil Inlet Hole	1/2"-20
Oil Outlet Hole	5/8"-18
Input Shaft Spline	Φ 18.45 x 36
Output Shaft Spline	Φ 32.3 x 40

F127-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: Toyota Landcruiser	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8-10L/min
Circles	4.5r
Output Angle	± 42.5°
Oil Inlet Hole	M16 x 1.-6H
Oil Outlet Hole	M17 x 1.5-6H
Input Shaft Spline	Φ 17.5x Φ 16.4x36
Output Shaft Spline	Φ 30.3x Φ 29.4x48

F130-1-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	3.38r
Output Angle	± 38°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18
Output Shaft Spline	Φ 38.6 x 36

F118-3411010 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	

F119-4-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: USA	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9L/min
Circles	4.07r
Output Angle	± 43°
Oil Inlet Hole	1/2"-20
Oil Outlet Hole	5/8"-18
Input Shaft Spline	Φ 18.45 x 36
Output Shaft Spline	Φ 32.3 x 40

F128-3411010 LH



MANUFACTORY REF No.: Cardone 27-7594	
OEM REF No.: 2002-01 Chevrolet Silverado 1500,GMC Sierra 1500,Yukon	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	3.25r
Output Angle	± 42°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 16.8
Output Shaft Spline	Φ 30 x 36

F132-3411010 LH



MANUFACTORY REF No.: 1979-77 Chevrolet K10, K20, K30, K5 Blazer 1979-77 GMC Jimmy	
OEM REF No.: 1979-77 Chevrolet K10 & K20 Suburban 1978-77 GMC K15, K25, K25 Suburban	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	9.5MPa
Recommend Pump Flow Rate	9.5L/min
Circles	4.25r
Output Angle	± 42°
Oil Inlet Hole	11/16"-18
Oil Outlet Hole	5/8"-18
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 31.46 x 9

F133-3411010 LH



MANUFACTORY REF No.: 52121986AA AG 2008-06 Dodge Ram 1500 Truck 2008-03	
OEM REF No.: Dodge Ram 1500 Truck 2008-03 Dodge Ram 3500 Truck	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	12L/min
Circles	3.05r
Output Angle	± 42°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M20 x 1.5
Input Shaft Spline	Φ 18.4 x 36
Output Shaft Spline	Φ 32.3 x 40

F138-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: GM	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	13L/min
Circles	3.34r
Output Angle	± 43°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M22 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

G106-2-3411010 LH



MANUFACTORY REF No.: 4411035080 27-8471	
OEM REF No.: 89-86 TOYOTA TRUCK 4RUNNER/88-86 TOYOTA TRUCKD TSCOMS & PICKUP	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	6-8 L/min
Circles	4.72r
Output Angle	± 42.9°
Oil Inlet Hole	M16 x 1.5-6H
Oil Outlet Hole	M17 x 1.5-6H
Input Shaft Spline	Φ 17.5 x Φ 16.4 x 36
Output Shaft Spline	Φ 30.6 x Φ 29.34 x 48

G112-3411010 LH



MANUFACTORY REF No.: Cardone 27-6539	
OEM REF No.: 1969-65 Ford Country Sedan, Custom, Galaxie 500	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	4r
Output Angle	± 40°
Oil Inlet Hole	11/16-18
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 20.4 x 36
Output Shaft Spline	Φ 30 x 36

F134-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: USA	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.8L/min
Circles	3.06r
Output Angle	± 43.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 20.4 x 36
Output Shaft Spline	Φ 30 x 36

G101-3411010 LH



MANUFACTORY REF No.: 2700 4600 0109/JA3N32110	
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 x 1.5
Oil Outlet Hole	M14 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 32.8 x 32

G108-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.8 L/min
Circles	3.06r
Output Angle	± 77.5°
Oil Inlet Hole	11/16-18
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 20.4 x Φ 19.38 x 36
Output Shaft Spline	Φ 30 x Φ 28.1 x 36

G114-3411010 LH



MANUFACTORY REF No.: Russia	
OEM REF No.: 453461.123	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	75mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	4r
Output Angle	± 41.7°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 20
Output Shaft Spline	Φ 29.66 x 36

F135-3411010 LH



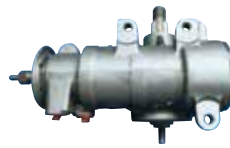
MANUFACTORY REF No.:	
OEM REF No.: 1989-86 Dodge D100, 1993-80 Dodge Ram Charger	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.5L/min
Circles	3.4r
Output Angle	± 43°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 20.4 x 30
Output Shaft Spline	Φ 30 x 36

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 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.6 x 48

G109-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1200kg
Power Cylinder Diameter	66mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	3.48r
Output Angle	± 42.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 27 x 36

G115-3411010 LH



MANUFACTORY REF No.: Russia	
OEM REF No.: 453461.133-50	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	75mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	4r
Output Angle	± 41.7°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 29.66 x 36

F136-3411010 LH



MANUFACTORY REF No.: 1974-75 Ford Country Sedan, Galaxie 500 1979-70 Lincoln Continental 1976-72 Ford Grand Torino	
OEM REF No.: 1974-75 Mercury Colony Park, Monterey 1979-77 Ford LTD II 1979-75 Mercury Grand Marquis	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	4.06r
Output Angle	± 43°
Oil Inlet Hole	1/2-20
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 18.4 x 36
Output Shaft Spline	Φ 30 x 36

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 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.6 x 48

G111-3411010 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	8 L/min
Circles	2.93r
Output Angle	± 38°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18
Output Shaft Spline	Φ 30 x 36

G116-3411010 LH



MANUFACTORY REF No.: Russia	
OEM REF No.: 453461.133-60	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	75mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	4r
Output Angle	± 41.7°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 20
Output Shaft Spline	Φ 29.66 x 36

F137-3411010 LH



MANUFACTORY REF No.: 1974-70 Chevrolet Blazer 1976-70 GMC Jimmy 1976-75 Chevrolet K10, K20, K5 Blazer 1976-75 GMC K15	
OEM REF No.: K15, K25 Suburban 1974-68 Chevrolet K10 Pickup, K20 Pickup 1974-68 GMC K15, K2500 Pickup, K35, K3500 Pickup	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	80mm
Rated Work Pressure	11MPa
Recommend Pump Flow Rate	8.5L/min
Circles	3.3r
Output Angle	± 43°
Oil Inlet Hole	11/16-18
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 20.4 x 36
Output Shaft Spline	Φ 31.46 x 9

G106-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8L/min
Circles	4.72r
Output Angle	± 42.9°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.6 x 48

G111-1-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: USA	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	2.94r
Output Angle	± 38°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 36
Output Shaft Spline	Φ 30 x 36

G119-3411010 LH



MANUFACTORY REF No.: Cardone 27-7582	
OEM REF No.: 1998-96 Jeep Grand Cherokee	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	3.38r
Output Angle	± 43°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

G120-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	2.8r
Output Angle	± 36.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

G125-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	10L/min
Circles	3.38r
Output Angle	± 43°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 36
Output Shaft Spline	Φ 30 x 36

G133-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 1987-84 Buick Regal 1992-82 Chevrolet Camaro 1987-86 Pontiac Grand Prix	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	8.6MPa
Recommend Pump Flow Rate	11.4L/min
Circles	2.75r
Output Angle	± 36.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

H04-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: ISUZUJ4616026	
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	

G120-1-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	3.06r
Output Angle	± 40°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

G129-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: J20 1991-84 Jeep Grand Wagoneer 1995-87 Jeep Wrangler	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.8L/min
Circles	3.38r
Output Angle	± 43°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 36
Output Shaft Spline	Φ 30 x 36

G134-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	11.4L/min
Circles	3r
Output Angle	± 36°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

H106-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	900kg
Power Cylinder Diameter	62mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	6L/min
Circles	3.57r
Output Angle	± 44°
Oil Inlet Hole	11/16-18
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30.6 x 48

G121-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	3.83r
Output Angle	± 43.8°
Oil Inlet Hole	M14 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.18 x 48

G130-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 78-77 AMERICAN MOTORS AMBASSADOR, MATADOR, REBEL & CLASSIC	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	3r
Output Angle	± 44°
Oil Inlet Hole	11/16-18
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

G137-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: USA	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.5L/min
Circles	2.73r
Output Angle	± 39.5°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	
Output Shaft Spline	Φ 30 x 36

H107-3411010 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	

G123-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	4.38r
Output Angle	± 43°
Oil Inlet Hole	M16 x 1.5
Oil Outlet Hole	M17 x 1.5
Input Shaft Spline	Φ 17.5 x 36
Output Shaft Spline	Φ 30.3 x 48

G131-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 358938 1975-73 Buick Apollo 1976-67 Chevrolet Camaro 1976-70 American Motors Gremlin	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.8 L/min
Circles	3.5r
Output Angle	± 43°
Oil Inlet Hole	11/16-18
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 20.4 x 36
Output Shaft Spline	Φ 30 x 36

G141-3411010 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	6-8L/min
Circles	4.7r
Output Angle	± 39.2°
Oil Inlet Hole	M16 x 1.5-6H
Oil Outlet Hole	M17 x 1.5-6H
Input Shaft Spline	Φ 17.5 x Φ 16.4 x 36
Output Shaft Spline	Φ 30.6 x Φ 29.34 x 48

J101-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	2000kg
Power Cylinder Diameter	mm
Rated Work Pressure	MPa
Recommend Pump Flow Rate	L/min
Circles	6.64r
Output Angle	± 50°
Oil Inlet Hole	
Oil Outlet Hole	
Input Shaft Spline	Φ 18.45 x 36
Output Shaft Spline	Φ 27 x 36

G124-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	8 L/min
Circles	3r
Output Angle	± 43°
Oil Inlet Hole	M18 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 18.4 x 30
Output Shaft Spline	Φ 30 x 36

G132-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.: 1976-67 Chevrolet Camaro, 1976-69 Pontiac Firebird, 1971-64 Pontiac GTO	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.5 L/min
Circles	2.94r
Output Angle	± 38.5°
Oil Inlet Hole	11/16-18
Oil Outlet Hole	5/8-18
Input Shaft Spline	Φ 20.4 x 36
Output Shaft Spline	Φ 30 x 36

G142-3411010 LH



MANUFACTORY REF No.:	
OEM REF No.:	
Applicable Front A x le Load	1500kg
Power Cylinder Diameter	70mm
Rated Work Pressure	10MPa
Recommend Pump Flow Rate	9.8L/min
Circles	4.25r
Output Angle	± 43°
Oil Inlet Hole	M18 x 1.5-6H
Oil Outlet Hole	M16 x 1.5-6H
Input Shaft Spline	Φ 18.4 x Φ 17.1 x 30
Output Shaft Spline	Φ 30 x 28.1 x 36


LS8-3411010 LH




MANUFACTORY REF No.:	
OEM REF No.: Actros 940 460 3300/3500	
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 x 1.5
Oil Outlet Hole	M16 x 1.5
Input Shaft Spline	Φ 25.6 x 79
Output Shaft Spline	Φ 52.94 x 48

27 **HYDRAULIC PUMP FOR RENAULT**


ZCB-1314R/121

	MANUFACTORY REF No.: NDF258	
	OEM REF No.: RENAULT	
	Nominal displacement	15.77ml/r
	Maximum pressure	130bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	14.0L/min
	Fuel feed hole	M18x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Right	


ZCB-1316L/123

	MANUFACTORY REF No.: NDF258	
	OEM REF No.: RENAULT	
	Nominal displacement	15.77ml/r
	Maximum pressure	130bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	M18x1.5
	Fuel discharge hole	M18x1.5
Direction of rotation	Left	


ZCB-1316R/129

	MANUFACTORY REF No.: 80225	
	OEM REF No.: RENAULT	
	Nominal displacement	15.77ml/r
	Maximum pressure	130bar
	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	

ZCB-1316L/141

	MANUFACTORY REF No.: 800255	
	OEM REF No.: RENAULT	
	Nominal displacement	15.77ml/r
	Maximum pressure	130bar
	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	


ZCB-0016L/388

	MANUFACTORY REF No.: 555224 771	
	OEM REF No.: RENAULT 5000787865	
	Nominal displacement	14.0ml/r
	Maximum pressure	225bar
	Highest rotational speed	3000r/min
	Controlled flow rate	16.0L/min
	Fuel feed hole	Φ20
	Fuel discharge hole	M16x1.5-6H
Direction of rotation	Left	


ZCB-0015R/411

	MANUFACTORY REF No.: 555 239 652	
	OEM REF No.: RENAULT	
	Nominal displacement	14.0ml/r
	Maximum pressure	000bar
	Highest rotational speed	3600r/min
	Controlled flow rate	15.0L/min
	Fuel feed hole	Φ21
	Fuel discharge hole	M16x1.5
Direction of rotation	Right	


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 x 1.5
Direction of rotation	Right	

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 x 1.5
Direction of rotation	Right	

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 x 1.5
	Fuel discharge hole	M16 x 1.5
Direction of rotation	Right	


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 x 1.5
Direction of rotation	Left	


QUANXING NO.: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 x 1.5
	Fuel discharge hole	M24 x 1.5
Direction of rotation	Right	

ZCB-0018/426-6

	MANUFACTORY REF No.:	
	OEM REF No.: RENAULT	
	Nominal displacement	18.0ml/r
	Maximum pressure	160bar
	Highest rotational speed	600-3000r/min
	Controlled flow rate	18.0L/min
	Fuel feed hole	4 x M6-Φ20/PDC40
	Fuel discharge hole	M16 x 1.5-6H
Direction of rotation	Right	


ZCB-0018L/426-7

	MANUFACTORY REF No.:	
	OEM REF No.: RENAULT	
	Nominal displacement	16ml/r
	Maximum pressure	180bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	18L/min(1500r/min)
	Fuel feed hole	4*M6/PDC40-Φ20
	Fuel discharge hole	M16*1.5
Direction of rotation	Left	


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 x 1.5
	Fuel discharge hole	M16 x 1.5
Direction of rotation	Right	


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 x 1.5
	Fuel discharge hole	M16 x 1.5
Direction of rotation	Right	


ZCB-0018L/955-2

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	22.0ml/r
	Maximum pressure	160bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	18.0L/min
	Fuel feed hole	Φ23
	Fuel discharge hole	M24 x 1.5-6g
Direction of rotation	Left	


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 x M6pcd40
	Fuel discharge hole	M16 x 1.5
Direction of rotation	Left	

ZCB-0018/961A

	MANUFACTORY REF No.:	
	OEM REF No.: RENAULT	
	Nominal displacement	12ml/r
	Maximum pressure	200bar
	Highest rotational speed	500-3200r/min
	Controlled flow rate	18L/min(1500r/min)
	Fuel feed hole	4*M6/PDC40-Φ20
	Fuel discharge hole	M16*1.5
Direction of rotation	Right	

ZCB-1614R/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 x 4-M6
	Fuel discharge hole	M16 x 1.5
Direction of rotation	Right	

ZCB-1614/961-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	16.0ml/r
Maximum pressure	160bar
Highest rotational speed	600–3200r/min
Controlled flow rate	14.0L/min
Fuel feed hole	M28 × 1.5–6g
Fuel discharge hole	M18 × 1.5–6g
Direction of rotation	Right

NO1016L/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

CB-F12.5+8L/1011



MANUFACTORY REF No.: 770013742	
OEM REF No.: RENAULT	
Nominal displacement	12.5/8.0ml/r
Maximum pressure	160bar
Highest rotational speed	500–3000r/min
Controlled flow rate	formt18.0L/min,12.0L/min
Fuel feed hole	Φ20/Φ20
Fuel discharge hole	Φ15/Φ15
Direction of rotation	Left

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

CB-F19+15L/1011-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	19/15ml/r
Maximum pressure	20/20bar
Highest rotational speed	600–3000r/min
Controlled flow rate	
Fuel feed hole	Φ20/Φ20
Fuel discharge hole	Φ15/Φ15
Direction of rotation	Left

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

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

CB-F20L/928-17



MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	20ml/r
Maximum pressure	250bar
Highest rotational speed	600–3000r/min
Controlled flow rate	30L/min(1500r/min)
Fuel feed hole	4*M8/PDC40–Φ20
Fuel discharge hole	4*M6/PDC30–Φ15
Direction of rotation	Left

28 HYDRAULIC PUMP FOR FIAT

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

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 × 1.5
Fuel discharge hole	M16 × 1.5
Direction of rotation	Right

CB-F15L/928-18



MANUFACTORY REF No.:	
OEM REF No.: FIAT	
Nominal displacement	15ml/r
Maximum pressure	250bar
Highest rotational speed	600–3000r/min
Controlled flow rate	22.5L/min(1500r/min)
Fuel feed hole	4*M8/PDC40–Φ19
Fuel discharge hole	4*M6/PDC30–Φ14
Direction of rotation	Left

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

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

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 × 1.5
Fuel discharge hole	M16 × 1.5
Direction of rotation	Left

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

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/PDC40
Fuel discharge hole	Φ14.2/4 x M8/PDC30
Direction of rotation	Left

CB-1613R/949-2



MANUFACTORY REF No.: C25	
OEM REF No.: 5179722	
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

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	Φ19.2
Fuel discharge hole	Φ13.5
Direction of rotation	Right

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

CB-F11/942-10



MANUFACTORY REF No.: C25X	
OEM REF No.: FIAT	
Nominal displacement	11.0ml/r
Maximum pressure	250bar
Highest rotational speed	600-3000r/min
Controlled flow rate	16.5L/min(1500r/min)
Fuel feed hole	4*M8/PDC40-Φ19
Fuel discharge hole	4*M6/PDC30-Φ14
Direction of rotation	Right

CB-1613L/949-3



MANUFACTORY REF No.: A25	
OEM REF No.: 5129478	
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

CB-F8.2/942-11



MANUFACTORY REF No.: C18X	
OEM REF No.: FIAT	
Nominal displacement	8.2ml/r
Maximum pressure	250bar
Highest rotational speed	3600r/min
Controlled flow rate	12.3L/min@1500
Fuel feed hole	12.3L/min@1500
Fuel discharge hole	12.3L/min@1500
Direction of rotation	right

CB-1615L/949-4



MANUFACTORY REF No.: A33	
OEM REF No.: 5129483	
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

CB-1620L/949



MANUFACTORY REF No.: A42	
OEM REF No.: 5120481,5129488	
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

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

CB-2019L/942-4



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

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

CB-1609R/949-1



MANUFACTORY REF No.: C18	
OEM REF No.: C185179724	
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

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

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

CB-F19L/949-12



MANUFACTORY REF No.: A42X	
OEM REF No.: FIAT	
Nominal displacement	19ml/r
Maximum pressure	250bar
Highest rotational speed	3600r/min
Controlled flow rate	28.5L/min@1500
Fuel feed hole	4*M8-φ 19/PDC40
Fuel discharge hole	4*M6-φ 14/PDC30
Direction of rotation	Left

CB-F15L/949-13




MANUFACTORY REF No.: A33X	
OEM REF No.: FIAT	
Nominal displacement	15ml/r
Maximum pressure	250bar
Highest rotational speed	3600r/min
Controlled flow rate	22.5L/min@1500
Fuel feed hole	4*M8-φ 19/PDC40
Fuel discharge hole	4*M6-φ 14/PDC30
Direction of rotation	Left

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

CB-F31L/1063-1



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 x M10/PDC50.7-Φ27
Fuel discharge hole	4 x M8/PDC39.7-Φ19
Direction of rotation	Left

CB-F12L/1080-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	12ml/r
Maximum pressure	200MPa
Highest rotational speed	600-3000r/min
Controlled flow rate	10.80L/min
Fuel feed hole	M18 x 1.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Left

CB-F20/949-26



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	20.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	30.0L/min
Fuel feed hole	4 x M8-Φ 20/PDC40
Fuel discharge hole	4 x M6-Φ 15/PDC30
Direction of rotation	Right

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	Right

CB-F24.5L/1063-2



MANUFACTORY REF No.: A54X	
OEM REF No.: FIAT	
Nominal displacement	24.5ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	36.8L/min@1500
Fuel feed hole	4*M8-φ 19/PDC40
Fuel discharge hole	4*M8-φ 19/PDC40
Direction of rotation	Left

ZCB-0023L/1416




MANUFACTORY REF No.: 5180277	
OEM REF No.: FIAT	
Nominal displacement	19.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	23L/min(1500r/min)
Fuel feed hole	4*M8-6H PDC39.7-Φ20
Fuel discharge hole	M18*1.5(Out, back)
Direction of rotation	Left

CB-F9L/949-27



MANUFACTORY REF No.: A18	
OEM REF No.: FIAT	
Nominal displacement	9.0ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	13.5L/min(1500r/min)
Fuel feed hole	4*M6/PDC30-Φ13
Fuel discharge hole	4*M6/PDC30-Φ13
Direction of rotation	Left

CB-B3.7L/1031



MANUFACTORY REF No.:	
OEM REF No.: FIAT IVECO 504140125	
Nominal displacement	3.7ml/r
Maximum pressure	15bar
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	Right

CB-42.6L/1063-3



MANUFACTORY REF No.: A94X	
OEM REF No.: FAIT	
Nominal displacement	42.6ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	63.8L/min@1500
Fuel feed hole	4*M10-φ 27/PDC51
Fuel discharge hole	4*M8-φ 19/PDC40
Direction of rotation	Left

ZCB-0018L/1416-1



MANUFACTORY REF No.: 5180275	
OEM REF No.: FIAT	
Nominal displacement	13.7ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	18L/min(1500r/min)
Fuel feed hole	4*M8-6H PDC39.7-Φ20
Fuel discharge hole	M18*1.5(Out, back)
Direction of rotation	Left

CB-F15/949-28



MANUFACTORY REF No.: C33	
OEM REF No.: FIAT	
Nominal displacement	15.0ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	22.5L/min@1500
Fuel feed hole	4*M8-φ 19/PDC40
Fuel discharge hole	4*M6-φ 14.2/PDC30
Direction of rotation	right

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	Φ15
Fuel discharge hole	Φ8
Direction of rotation	Left

CB-F12/1080



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 x M10/PDC50.7-Φ27
Fuel discharge hole	4 x M8/PDC39.7-Φ19
Direction of rotation	Left

ZCB-2018L/1417



MANUFACTORY REF No.: 5180271	
OEM REF No.: FIAT	
Nominal displacement	13.7ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	18L/min(1500r/min)
Fuel feed hole	4*M8-6H PDC39.7-Φ20
Fuel discharge hole	M18*1.5
Direction of rotation	Left

CB-F15L/949-29



MANUFACTORY REF No.: 0510625319/ZPB.F19.B2.G2L	
OEM REF No.: FIAT A42	
Nominal displacement	19ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	28.5L/min@1500
Fuel feed hole	4*M8-φ 19/PDC40
Fuel discharge hole	4*M6-φ 14/PDC30
Direction of rotation	Left

CB-F31/1063



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 x M10/PDC50.7-Φ27
Fuel discharge hole	4 x M8/PDC39.7-Φ19
Direction of rotation	Right

CB-F12/1080-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	12ml/r
Maximum pressure	200MPa
Highest rotational speed	600-3000r/min
Controlled flow rate	10.80L/min
Fuel feed hole	M18 x 1.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

CB-F18L/1432



MANUFACTORY REF No.: A42	
OEM REF No.: FAIT	
Nominal displacement	18ml/r
Maximum pressure	250bar
Highest rotational speed	3000r/min
Controlled flow rate	27L/min@1500
Fuel feed hole	4*M8-φ 19.2/PDC40
Fuel discharge hole	4*M6-φ 14.2/PDC30
Direction of rotation	Left

29 HYDRAULIC PUMP FOR DEUTZ

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

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	M18x1.5
Direction of rotation	Right

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

ZCB-2012/1014-1



MANUFACTORY REF No.:	
OEM REF No.: HP 20C11X542	
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	M18x1.5
Direction of rotation	Right

CB-F16L/224C



MANUFACTORY REF No.:	
OEM REF No.: DEUTZ	
Nominal displacement	16ml/r
Maximum pressure	250bar
Highest rotational speed	600-3000r/min
Controlled flow rate	24L/min(1500r/min)
Fuel feed hole	4*M6/PDC40-Φ20
Fuel discharge hole	4*M6/PDC35-Φ15
Direction of rotation	Left

ZCB-2018/1014-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	11.0ml/r
Maximum pressure	200bar
Highest rotational speed	3600r/min
Controlled flow rate	12.0L/min
Fuel feed hole	4*M8/PDC40-Φ19
Fuel discharge hole	M18x1.5
Direction of rotation	Right

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

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	Φ20x4-M6/Φ20x4-M6
Fuel discharge hole	Φ15x4-M6/Φ15x4-M6
Direction of rotation	Left

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

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

CB-F16+16L/1081



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	16.0ml/r
Maximum pressure	170bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	4xM6-Φ20/PDC40
Fuel discharge hole	4xM6-Φ15/PDC35
Direction of rotation	Left

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



ZCB-0916L/380-1



MANUFACTORY REF No.:	
OEM REF No.: E6NN3K514EA	
Nominal displacement	11.0ml/r
Maximum pressure	90bar
Highest rotational speed	3000r/min
Controlled flow rate	16.0L/min
Fuel feed hole	5/8-18UNF
Fuel discharge hole	9/16-18UNF
Direction of rotation	Left

30 HYDRAULIC PUMP FOR FORD

ZCB-0916L/380-2



MANUFACTORY REF No.: 87759440/E6NN3K514EA	
OEM REF No.: FORD 2000/3000/4600/5000	
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

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

ZCB-0016L/400



MANUFACTORY REF No.: 87540942 J06/ E6NN3K514AB	
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

ZCB-0016L/400-1

	MANUFACTORY REF No.:	
	OEM REF No.: E6NN3K514AB	
	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


CB-D21.5+B4.2/1065

	MANUFACTORY REF No.: DBNN600KB	
	OEM REF No.:	
	Nominal displacement	21.5 & 4.2ml/r
	Maximum pressure	180&40bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	
	Fuel feed hole	2*5/16-18UNC-Φ20
	Fuel discharge hole	Φ12.5&Rc1/8-27
	Direction of rotation	Right


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

CB-1309L/390-6

	MANUFACTORY REF No.: 20A6.3x319	
	OEM REF No.: MF	
	Nominal displacement	6.2ml/r
	Maximum pressure	130bar
	Highest rotational speed	3000r/min
	Controlled flow rate	15.5L/min@2500
	Fuel feed hole	9/16-18UNF
	Fuel discharge hole	9/16-18UNF
	Direction of rotation	Left

ZCB-0016L/400-2

	MANUFACTORY REF No.: 83960261/E4NN3K514AA	
	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


CB-D21.5+b4.2/1065A

	MANUFACTORY REF No.:	
	OEM REF No.: FORD	
	Nominal displacement	21.5+4.2ml/r
	Maximum pressure	180+40bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	32.2+6.3L/min(1500r/min)
	Fuel feed hole	2*5/16-18UNC,57.3-Φ19
	Fuel discharge hole	Rc1/8, Φ12.5(Rear)
	Direction of rotation	Right


CB-1009L/390-1A

	MANUFACTORY REF No.:	
	OEM REF No.: MASSEY FERGUSON	
	Nominal displacement	6.2ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	7.1L/min(1500r/min)
	Fuel feed hole	9/16-18UNF
	Fuel discharge hole	9/16-18UNF
	Direction of rotation	Left


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


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

CB-F18.5/11.5/1099

	MANUFACTORY REF No.: E0NN600AC	
	OEM REF No.: FORD	
	Nominal displacement	18.5+11.5ml/r
	Maximum pressure	170+50bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	27.8+17.3L/min(1500r/min)
	Fuel feed hole	Φ20, Φ38(Rear)
	Fuel discharge hole	Φ17.4, Φ10(Rear)
	Direction of rotation	Right


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

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

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

31

HYDRAULIC PUMP FOR MASSEY FERGUSON


CB-1009L/390-4

	MANUFACTORY REF No.: 1666726M91	
	OEM REF No.: MF 1666726M91	
	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

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

ZCB-0916L/987-1

	MANUFACTORY REF No.: E6NN3K514A99M	
	OEM REF No.: E6NN3K514PA, 514EA	
	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

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

CB-E9L/390-5

	MANUFACTORY REF No.: 20A6.3x319	
	OEM REF No.: MASSEY FERGUSON	
	Nominal displacement	6.2ml/r
	Maximum pressure	100bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	9.3L/min(1500r/min)
	Fuel feed hole	9/16-18UNF
	Fuel discharge hole	9/16-18UNF
	Direction of rotation	Left

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

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	Φ 20;M18 × 1.5
Fuel discharge hole	M18 × 1.5;M18 × 1.5
Direction of rotation	Left

ZCB-1205R/969




MANUFACTORY REF No.:	
OEM REF No.: 0012631U91 , 5L7.5CD03R	
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

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

CB-C14+7.5L/1058




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

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;rear 18.0L/min
Fuel feed hole	Φ20;Φ20
Fuel discharge hole	Φ15;Φ15
Direction of rotation	Left

ZCB-1205L/969-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	5.0ml/r
Maximum pressure	120bar
Highest rotational speed	500-3000r/min
Controlled flow rate	5.0L/min
Fuel feed hole	NPT 3/8
Fuel discharge hole	3/8-16UNC
Direction of rotation	Left

ZCB-1106R/1020-1



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	Right

CB-C07L/1059



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

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

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 × 1.5
Direction of rotation	Left

ZCB-1106L/1020-2



MANUFACTORY REF No.:	
OEM REF No.: MF 523092M91	
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

CB-E10+8L/1084




MANUFACTORY REF No.:	
OEM REF No.: 3595383-3597420M91	
Nominal displacement	10&8ml/r
Maximum pressure	160&160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	M18 × 1.5&2 × M8-Φ20/PCD39.8
Fuel discharge hole	M18 × 1.5&M18 × 1.5
Direction of rotation	Left

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

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

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	M16x1.5
Fuel discharge hole	M14x1.5
Direction of rotation	Right

CB-D18+12L/1085



MANUFACTORY REF No.:	
OEM REF No.: 3701006-3774613M91	
Nominal displacement	18&12ml/r
Maximum pressure	160&160bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	M18*1.5&M32*1.5
Fuel discharge hole	M18*1.5&M18*1.5
Direction of rotation	Left

ZCB-1206R/968




MANUFACTORY REF No.: 773126M92	
OEM REF No.: 0011420U91M , 527904M93	
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

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	

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	M16x1.5
Fuel discharge hole	M14x1.5
Direction of rotation	Left

CB-F11+8L/1089



MANUFACTORY REF No.:	
OEM REF No.: MF	
Nominal displacement	18&8ml/r
Maximum pressure	
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	M18 × 1.5&2 × M8-Φ20/PCD39.8
Fuel discharge hole	M18 × 1.5&M18 × 1.5
Direction of rotation	Left

CB-F19-11L/1093-1




MANUFACTORY REF No.: 22A19x172/11x173	
OEM REF No.:	
Nominal displacement	19&11ml/r
Maximum pressure	250&250bar
Highest rotational speed	3000r/min
Controlled flow rate	28.5&16.5L/min@1500
Fuel feed hole	2*(4*M6-φ20/PDC40)
Fuel discharge hole	2*(4*M6-φ15/PDC35)
Direction of rotation	Left

CB-F12L/1403



MANUFACTORY REF No.:	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	12ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	18L/min(1500r/min)
Fuel feed hole	M16*1.5
Fuel discharge hole	M16*1.5
Direction of rotation	Left

CB-F21+8L/1413




MANUFACTORY REF No.: 3790722M1	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	21+8ml/r
Maximum pressure	250+250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	31.5+12L/min(1500r/min)
Fuel feed hole	φ19
Fuel discharge hole	φ11、φ7.5(Rear)
Direction of rotation	Left

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

CB-F4.5+3/1097



MANUFACTORY REF No.:	
OEM REF No.: MF	
Nominal displacement	4.5&3ml/r
Maximum pressure	200&200bar
Highest rotational speed	600-4000r/min
Controlled flow rate	
Fuel feed hole	1-5/16-12UN
Fuel discharge hole	7/8-14UNF
Direction of rotation	Right

CB-F12L/1403-1



MANUFACTORY REF No.:	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	12ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	18L/min(1500r/min)
Fuel feed hole	M16*1.5
Fuel discharge hole	M16*1.5
Direction of rotation	Left

CB-E9L/1429



MANUFACTORY REF No.: 6567006490M91	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	7.5ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	11.3L/min(1500r/min)
Fuel feed hole	φ20
Fuel discharge hole	M16*1.5
Direction of rotation	Left

CB-F36L/342-18



MANUFACTORY REF No.: SGP1A36D2H5L	
OEM REF No.: KOMATSU	
Nominal displacement	36ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	54L/min(1500r/min)
Fuel feed hole	G1
Fuel discharge hole	G1/2
Direction of rotation	Left

CB-F15L/1401



MANUFACTORY REF No.:	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	15ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	22.5L/min(1500r/min)
Fuel feed hole	M18*1.5
Fuel discharge hole	M16*1.5
Direction of rotation	Left

CB-F11+8L/1404



MANUFACTORY REF No.:	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	11+8ml/r
Maximum pressure	250+200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	16.5+12L/min(1500r/min)
Fuel feed hole	4*M6/PDC40-φ19、M18*1.5
Fuel discharge hole	4*M6/PDC35-φ15、M16*1.5
Direction of rotation	Left

CB-F6.3L/1469



MANUFACTORY REF No.: 1696665M91	
OEM REF No.: MF375	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

CB-F40L/342-19




MANUFACTORY REF No.: SGP1A40D2H1L	
OEM REF No.: KOMATSU	
Nominal displacement	40ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	60L/min(1500r/min)
Fuel feed hole	G1
Fuel discharge hole	G1/2
Direction of rotation	Left

CB-F15L/1401-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	15ml/r
Maximum pressure	250bar
Highest rotational speed	600-3000r/min
Controlled flow rate	
Fuel feed hole	M18*1.5*1.5-6H
Fuel discharge hole	M16*1.5-6H
Direction of rotation	Left

CB-F8+6L/1405



MANUFACTORY REF No.:	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	8+6ml/r
Maximum pressure	250+250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	12+9L/min(1500r/min)
Fuel feed hole	4*M6/PDC40-φ19、M18*1.5
Fuel discharge hole	4*M6/PDC35-φ15、M16*1.5
Direction of rotation	Left

32 HYDRAULIC PUMP FOR KOMATSU

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

CB-F9L/1402



MANUFACTORY REF No.:	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	9ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	13.5L/min(1500r/min)
Fuel feed hole	M18*1.5
Fuel discharge hole	M16*1.5
Direction of rotation	Left

CB-F11L/1410



MANUFACTORY REF No.:	
OEM REF No.: MASSEY FERGUSON	
Nominal displacement	11ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	16.5L/min(1500r/min)
Fuel feed hole	4*M6/PDC30-φ13
Fuel discharge hole	4*M6/PDC30-φ13
Direction of rotation	Left

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

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

CB-F40L/343-12



MANUFACTORY REF No.: SGP2A40D2H1L	
OEM REF No.: KOMATSU	
Nominal displacement	40ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	60L/min(1500r/min)
Fuel feed hole	G1
Fuel discharge hole	G1/2
Direction of rotation	Left

CB-B28/927-2



MANUFACTORY REF No.: 07429-71203	
OEM REF No.:	
Nominal displacement	28.0 ml/r
Maximum pressure	40 bar
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	2-M10-Φ22/PDC68
Fuel discharge hole	2-M10-Φ10/PDC68
Direction of rotation	Left

CB-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

CB-B28/927-3



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	28.0 ml/r
Maximum pressure	40 bar
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	2-M10-Φ22/PDC68
Fuel discharge hole	2-M10-Φ10/PDC68
Direction of rotation	Right

ZCB-B32+45/917



MANUFACTORY REF No.:	
OEM REF No.: KOMATSU	
Nominal displacement	32ml/r;45ml/r
Maximum pressure	50bar
Highest rotational speed	2500r/min
Controlled flow rate	
Fuel feed hole	Φ32/Φ39
Fuel discharge hole	Φ13/Φ13
Direction of rotation	Right

CB-B28L/927-4



MANUFACTORY REF No.:	
OEM REF No.: KOMATSU	
Nominal displacement	28ml/r
Maximum pressure	60bar
Highest rotational speed	500-3000r/min
Controlled flow rate	42L/min(1500r/min)
Fuel feed hole	2*M10PDC68 Φ22
Fuel discharge hole	2*M10PDC68 Φ11
Direction of rotation	Left

CB-B32+35/926



MANUFACTORY REF No.: Teeth	
OEM REF No.:	
Nominal displacement	32ml/r;45ml/r
Maximum pressure	40bar
Highest rotational speed	1500r/min
Controlled flow rate	
Fuel feed hole	Φ20.2&Φ23
Fuel discharge hole	Φ13&Φ13
Direction of rotation	Right

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

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

CB-2030L/1023



MANUFACTORY REF No.:	
OEM REF No.: 0511725028	
Nominal displacement	30ml/r
Maximum pressure	200bar
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	Left

CB-2030L/1024-1



MANUFACTORY REF No.: 10 Teeth	
OEM REF No.:	
Nominal displacement	30 ml/r
Maximum pressure	200bar
Highest rotational speed	2500r/min
Controlled flow rate	
Fuel feed hole	Φ26
Fuel discharge hole	Φ20
Direction of rotation	Left

CB-F16+8R/1034-1



MANUFACTORY REF No.:	
OEM REF No.: 3C301-82202	
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

CBT-F430-AFHL/1024-3



MANUFACTORY REF No.: 6 Teeth	
OEM REF No.:	
Nominal displacement	30 ml/r
Maximum pressure	200bar
Highest rotational speed	2500r/min
Controlled flow rate	
Fuel feed hole	Φ26
Fuel discharge hole	Φ20
Direction of rotation	Left

CB-F16+8L/1034-2



MANUFACTORY REF No.: 15 Teeth	
OEM REF No.: 3A272-82200	
Nominal displacement	16&8ml/r
Maximum pressure	200bar
Highest rotational speed	2000r/min
Controlled flow rate	
Fuel feed hole	Φ32
Fuel discharge hole	Φ15+Φ15
Direction of rotation	LEFT

CBT-432-AFHL/1024-10



MANUFACTORY REF No.: 6 Teeth	
OEM REF No.:	
Nominal displacement	32ml/r
Maximum pressure	200bar
Highest rotational speed	3000r/min
Controlled flow rate	
Fuel feed hole	Φ26
Fuel discharge hole	Φ20
Direction of rotation	Left

CB-F16+8/1034-3



MANUFACTORY REF No.: 15 Teeth	
OEM REF No.:	
Nominal displacement	16&8ml/r
Maximum pressure	200bar
Highest rotational speed	2000r/min
Controlled flow rate	
Fuel feed hole	Φ32
Fuel discharge hole	Φ15+Φ15
Direction of rotation	Right

CBT-F432-AFHL/1024-16



MANUFACTORY REF No.: 6 Teeth	
OEM REF No.:	
Nominal displacement	32ml/r
Maximum pressure	200bar
Highest rotational speed	2500r/min
Controlled flow rate	
Fuel feed hole	M33 × 2
Fuel discharge hole	M27 × 2
Direction of rotation	Left

CB-F14/1061



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	14ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	G3/4
Fuel discharge hole	G1/2
Direction of rotation	Right

CB-F30L/1024-17



MANUFACTORY REF No.: 10 Teeth	
OEM REF No.: 3C301-82200	
Nominal displacement	30 ml/r
Maximum pressure	200bar
Highest rotational speed	2500r/min
Controlled flow rate	
Fuel feed hole	Φ25
Fuel discharge hole	Φ18
Direction of rotation	Left

CB-2026R/1024



MANUFACTORY REF No.: 10 Teeth	
OEM REF No.:	
Nominal displacement	26 ml/r
Maximum pressure	200bar
Highest rotational speed	2500r/min
Controlled flow rate	
Fuel feed hole	M38 × 2
Fuel discharge hole	M27 × 2
Direction of rotation	Right

CB-F16+8L/1034



MANUFACTORY REF No.:	
OEM REF No.: 3C301-82200	
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

CB-F46/1066




MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	46 ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	NPT3/4
Fuel discharge hole	NPT1/2
Direction of rotation	Right

NO.	OEM REF NO.	Displacement (ml/r)	Rotation	RATED Pressure(bar)	Fuel feed hole	Fuel discharge hole	Shaft Extension	Spigot Excircle
CB-F50/1066-1		50	Right	200	NPT3/4	NPT1/2	Flat Key Shaft 26.3*6.3	φ101.5
CB-F63/1066-2		63	Right	200	NPT1	NPT 1/2	Flat Key Shaft 26.3*6.3	φ101.5
CB-F71/1066-3		71	Right	200	NPT1	NPT 1/2	Flat Key Shaft 26.3*6.3	φ101.5
CB-F63/1066-4		63	Right	200	NPT1	NPT 1/2	Spline Shaft 13 Teeth	φ101.5
CB-F71/1066-5		71	Right	200	NPT1	NPT 1/2	Spline Shaft 13 Teeth	φ101.5
CB-F59L/1066-6		59	Left	200	4*1/2-13UNC-φ38.5	4*1/2-13UNC-φ32	Flat Key Shaft 26.3*6.3	φ101.5
CB-F63L/1066-7		63	Left	200	NPT1	NPT 1/2	Flat Key Shaft 26.3*6.3	φ101.5

CB-F14L/1090

	MANUFACTORY REF No.: 102926	
	OEM REF No.:	
	Nominal displacement	14 ml/r
	Maximum pressure	200bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	
	Fuel feed hole	G3/4
	Fuel discharge hole	G1/2
Direction of rotation	Left	


CB-G20130/1091

	MANUFACTORY REF No.: KP1405A/K1511655	
	OEM REF No.:	
	Nominal displacement	136 ml/r
	Maximum pressure	210bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	
	Fuel feed hole	4*M10*1.25-φ38/PDC70
	Fuel discharge hole	4*M10*1.25-M33*1.5-7H
Direction of rotation	Right	

CB-F11+5L/1098

	MANUFACTORY REF No.: 1517 222 362	
	OEM REF No.: Bosch 0510 565 325	
	Nominal displacement	11&5 ml/r
	Maximum pressure	200&200 bar
	Highest rotational speed	600-3000r/min
	Controlled flow rate	
	Fuel feed hole	4*M6-φ20/PDC40&4*M6-φ15/PDC40
	Fuel discharge hole	4*M6-φ15/PDC35&4*M6-φ15/PDC35
Direction of rotation	Left	


CB-B11L/1424

	MANUFACTORY REF No.:	
	OEM REF No.: KOMATSU	
	Nominal displacement	11ml/r
	Maximum pressure	60bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	16.5L/min(1500r/min)
	Fuel feed hole	φ20.5
	Fuel discharge hole	φ11
Direction of rotation	Left	


CB-F310-CFP/1200-1

	MANUFACTORY REF No.:	
	OEM REF No.:	
	Nominal displacement	10 ml/r
	Maximum pressure	100 bar
	Highest rotational speed	2500r/min
	Controlled flow rate	
	Fuel feed hole	φ18
	Fuel discharge hole	φ14
Direction of rotation	Right	


CB-B11L/1425

	MANUFACTORY REF No.:	
	OEM REF No.: KOMATSU	
	Nominal displacement	23ml/r
	Maximum pressure	50bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	34.5L/min(1500r/min)
	Fuel feed hole	φ34
	Fuel discharge hole	φ18
Direction of rotation	Left	


CB-F14+4L/1415

	MANUFACTORY REF No.:	
	OEM REF No.: KOMATSU	
	Nominal displacement	14+4ml/r
	Maximum pressure	250+170bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	21+6L/min(1500r/min)
	Fuel feed hole	4*M6/PDC40-φ20
	Fuel discharge hole	2*4*M6/PDC35-φ15
Direction of rotation	Left	

CB-B11L/1426


	MANUFACTORY REF No.:	
	OEM REF No.: KOMATSU	
	Nominal displacement	28+22ml/r
	Maximum pressure	50bar
	Highest rotational speed	500-3000r/min
	Controlled flow rate	42+33L/min(1500r/min)
	Fuel feed hole	φ22, 2*M10/PDC68-φ22 (Rear)
	Fuel discharge hole	φ11, 2*M10/PDC68-φ11 (Rear)
Direction of rotation	Left	

CB-F9+5L/1431-1




MANUFACTORY REF No.: KUBOTA	
OEM REF No.: KUBOTA	
Nominal displacement	9/5ml/r
Maximum pressure	20bar
Highest rotational speed	600-3000r/min
Controlled flow rate	
Fuel feed hole	Φ20&G3/8
Fuel discharge hole	Φ16&G3/8
Direction of rotation	Left

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

CB-F12/205-7



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	8.8ml/r
Maximum pressure	210bar
Highest rotational speed	600-3000r/min
Controlled flow rate	18L/min(1500r/min)
Fuel feed hole	4*M6/PDC35.5-Φ16
Fuel discharge hole	4*M6/PDC35.5-Φ16
Direction of rotation	Right

ZCB-0021L/1018-4




MANUFACTORY REF No.:	
OEM REF No.: OTHER	
Nominal displacement	19ml/r
Maximum pressure	200bar
Highest rotational speed	3600r/min
Controlled flow rate	21L/min
Fuel feed hole	4*M6-φ20/PDC40
Fuel discharge hole	M18*1.5-6H
Direction of rotation	Left

CB-F09L/1431-2




MANUFACTORY REF No.: KUBOTA	
OEM REF No.: KUBOTA	
Nominal displacement	9ml/r
Maximum pressure	20bar
Highest rotational speed	600-3000r/min
Controlled flow rate	
Fuel feed hole	Φ20
Fuel discharge hole	Φ16
Direction of rotation	Left

CB-F9L/205-2A




MANUFACTORY REF No.: GPW1-C-9AP MFG.N05G0005 KANZAKI	
OEM REF No.: KUBOTA	
Nominal displacement	8.8ml/r
Maximum pressure	210bar
Highest rotational speed	500-3500r/min
Controlled flow rate	13.5L/min(1500r/min)
Fuel feed hole	4*M6/PDC35.5-Φ16
Fuel discharge hole	4*M6/PDC35.5-Φ16
Direction of rotation	Left

CB-1010L/205-8



MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	10ml/r
Maximum pressure	200bar
Highest rotational speed	3000r/min
Controlled flow rate	15L/min@1500
Fuel feed hole	4*M6-φ16
Fuel discharge hole	4*M6-φ16
Direction of rotation	Left


CB-B42/1022A



MANUFACTORY REF No.: DAEWOO	
OEM REF No.: DAEWOO	
Nominal displacement	42.0ml/r
Maximum pressure	10bar
Highest rotational speed	600-3600r/min
Controlled flow rate	63L/min(1500r/min)
Fuel feed hole	Φ31
Fuel discharge hole	Φ22
Direction of rotation	Right


33 HYDRAULIC PUMP FOR KUBOTA

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

CB-1010L/205-9




MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	7ml/r
Maximum pressure	200bar
Highest rotational speed	3000r/min
Controlled flow rate	10.5L/min@1500
Fuel feed hole	4*M6-φ16
Fuel discharge hole	4*M6-φ16
Direction of rotation	Right

CB-B42/1022-1A




MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	42.0ml/r
Maximum pressure	10bar
Highest rotational speed	600-3600r/min
Controlled flow rate	63L/min(1500r/min)
Fuel feed hole	Φ31
Fuel discharge hole	Φ22
Direction of rotation	Right

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

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

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

CB-F12L/1037



MANUFACTORY REF No.: 65680420902	
OEM REF No.: KUBOTA	
Nominal displacement	12.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	18L/min(1500r/min)
Fuel feed hole	M27*1.5
Fuel discharge hole	M16*1.5
Direction of rotation	Left

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

CB-F07/205-6



MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	7.0ml/r
Maximum pressure	160bar
Highest rotational speed	500-3500r/min
Controlled flow rate	
Fuel feed hole	4 x M6-Φ16/PDC35.5
Fuel discharge hole	4 x M6-Φ16/PDC35.5
Direction of rotation	Right

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

ZCB-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	Φ24
Fuel discharge hole	Φ20 x 4-M6
Direction of rotation	Left

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	Φ 11
Fuel discharge hole	G3/8 × G1/4
Direction of rotation	Left

CB-F19+F11L/1412



MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	19+11ml/r
Maximum pressure	250+250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	28.5+16.5L/min(1500r/min)
Fuel feed hole	4*M6/PDC40-Φ 25
Fuel discharge hole	Φ 15、Φ 12(Rear)
Direction of rotation	Left

CB-F13L/1420



MANUFACTORY REF No.: 3115 920 31M	
OEM REF No.: KUBOTA	
Nominal displacement	13.0ml/r
Maximum pressure	200bar
Highest rotational speed	600-3000r/min
Controlled flow rate	19.5L/min(1500r/min)
Fuel feed hole	4*M8/PDC40-Φ 19.5
Fuel discharge hole	4*M8/PDC40-Φ 12
Direction of rotation	Left




CB-F314-CFHL/1200-10




MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	14.0ml/r
Maximum pressure	250bar
Highest rotational speed	600-3000r/min
Controlled flow rate	21L/min(1500r/min)
Fuel feed hole	4*M8/PDC38-Φ 18
Fuel discharge hole	4*M8/PDC38-Φ 15
Direction of rotation	Left

CB-F18+10/1414



MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	18+10ml/r
Maximum pressure	250+250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	27+15L/min(1500r/min)
Fuel feed hole	4*M6/PDC40-Φ 20, 4*M6/PDC40-Φ 19
Fuel discharge hole	2* 4*M6/PDC35-Φ 15
Direction of rotation	Right


CB-F18+9/1427



MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	18+9ml/r
Maximum pressure	250+250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	27+13.5L/min(1500r/min)
Fuel feed hole	4*M6/PDC40-Φ 20
Fuel discharge hole	2* 4*M8/38*17.5-Φ 13
Direction of rotation	Right

34 HYDRAULIC PUMP FOR OTHER

CB-D9/1400



MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	9.0ml/r
Maximum pressure	100bar
Highest rotational speed	600-3000r/min
Controlled flow rate	13.5L/min(1500r/min)
Fuel feed hole	Φ 19
Fuel discharge hole	Φ 19
Direction of rotation	Right

CB-F14L/1418




MANUFACTORY REF No.: 1PF2G241/016RS20MA	
OEM REF No.: KUBOTA	
Nominal displacement	14.0ml/r
Maximum pressure	200bar
Highest rotational speed	600-3000r/min
Controlled flow rate	21L/min(1500r/min)
Fuel feed hole	4*M6/PDC40-Φ 20
Fuel discharge hole	4*M6/PDC35-Φ 15
Direction of rotation	Right

CB-F10/1428




MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	10.0ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	15L/min(1500r/min)
Fuel feed hole	4*M6/PDC30-Φ 13.5
Fuel discharge hole	4*M6/PDC30-Φ 13.5
Direction of rotation	Right

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	Φ 38
Fuel discharge hole	1 1/16-12UNF-2B 7/8-14UNF-2B
Direction of rotation	Right

CB-F11L/1406




MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	11.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3500r/min
Controlled flow rate	16.5L/min(1500r/min)
Fuel feed hole	4*M6/PDC35.5-Φ 16
Fuel discharge hole	4*M6/PDC35.5-Φ 16
Direction of rotation	Left

CB-F19L/1418-1




MANUFACTORY REF No.: 31391-76103	
OEM REF No.: DAEWOO	
Nominal displacement	14.0ml/r
Maximum pressure	200bar
Highest rotational speed	600-3000r/min
Controlled flow rate	21L/min(1500r/min)
Fuel feed hole	4*M6/PDC40-Φ 20
Fuel discharge hole	4*M6/PDC35-Φ 15
Direction of rotation	Right

CB-F13L/1430




MANUFACTORY REF No.: 544017R91	
OEM REF No.: KUBOTA	
Nominal displacement	2.5ml/r
Maximum pressure	200bar
Highest rotational speed	600-3000r/min
Controlled flow rate	3.7L/min(1500r/min)
Fuel feed hole	7/8-14UNF
Fuel discharge hole	9/16-18UNF
Direction of rotation	Right

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	Φ 38
Fuel discharge hole	1 1/16-12UNF-2B 7/8-14UNF-2B
Direction of rotation	Left

CB-E20/1411




MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	19.5ml/r
Maximum pressure	200bar
Highest rotational speed	750-3000r/min
Controlled flow rate	29.2/min(1500r/min)
Fuel feed hole	M27*2
Fuel discharge hole	M27*2
Direction of rotation	Right

CB-F19L/1419




MANUFACTORY REF No.:	
OEM REF No.: KUBOTA	
Nominal displacement	24.0ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	28.5L/min(1500r/min)
Fuel feed hole	M6/PDC35-Φ 15
Fuel discharge hole	M6/PDC35-Φ 15
Direction of rotation	Left

CB-F19L/1431



MANUFACTORY REF No.:	
OEM REF No.: DAEWOO	
Nominal displacement	12+5ml/r
Maximum pressure	200+200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	15+7.5L/min(1500r/min)
Fuel feed hole	2*M8PDC38.5-Φ 20
Fuel discharge hole	4*M8PDC35.5-Φ 16、G3/8(Rear)
Direction of rotation	Left

CB-F36+26/341-5



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	36&26ml/r
Maximum pressure	220&220bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	4 × 1/2-13-Φ 46
Fuel discharge hole	1 1/16-12UNF@7/8-14UNF
Direction of rotation	Right

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

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

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

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

CB-F32L/494F



MANUFACTORY REF No.:	
OEM REF No.: OTHER	
Nominal displacement	32ml/r
Maximum pressure	200bar
Highest rotational speed	600-2500r/min
Controlled flow rate	48L/min(1500r/min)
Fuel feed hole	M33*2
Fuel discharge hole	M27*2
Direction of rotation	Left

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

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

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

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

CB-2016R/954



MANUFACTORY REF No.: MU-33	
OEM REF No.: MF	
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

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

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

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

CB-B3.2R/956



MANUFACTORY REF No.: 23532981	
OEM REF No.: DETOIT DIESEL S60	
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

CB-B3.2R/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

CB-F22+8/978-1



MANUFACTORY REF No.: 20C(A)17.3 X 42	
OEM REF No.:	
Nominal displacement	22/8ml/r
Maximum pressure	25bar
Highest rotational speed	600-3000r/min
Controlled flow rate	L/min
Fuel feed hole	Φ15
Fuel discharge hole	Φ15
Direction of rotation	Right

CB-F07-11L/939-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	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

CB-B3.2/956-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	3.2ml/r
Maximum pressure	10bar
Highest rotational speed	500-3600r/min
Controlled flow rate	
Fuel feed hole	M16 x 1.5
Fuel discharge hole	M16 x 1.5
Direction of rotation	Right

CB-B8.2R/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

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

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

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+Ø19
Fuel discharge hole	Φ14+M16 × 1.5
Direction of rotation	Right

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

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

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

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

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

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

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

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

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

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

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

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

CB-B3.8L/1006



MANUFACTORY REF No.:	
OEM REF No.: TCP-031-C(00E 3211)	
Nominal displacement	3.8ml/r
Maximum pressure	25bar
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

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

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;Ø12
Fuel discharge hole	M16 × 1.5
Direction of rotation	Left

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

CB-F16L/1007-5



MANUFACTORY REF No.:	
OEM REF No.: OTHER	
Nominal displacement	16ml/r
Maximum pressure	200bar
Highest rotational speed	600-3000r/min
Controlled flow rate	24L/min(1500r/min)
Fuel feed hole	4*38-16UNC/52.4*26.2, Ø25
Fuel discharge hole	4*38-16UNC/47.6*22.2, Ø18
Direction of rotation	Left

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 × 1.5-6H
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.: 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.: ZCB-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	Φ258
Fuel discharge hole	M27 × 2
Direction of rotation	Left

NO.: CB-B42/1022



MANUFACTORY REF No.:	
OEM REF No.: 65.05100-60425	
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 × M8PCD55
Fuel discharge hole	Φ22-4 × M8PCD44
Direction of rotation	Right

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-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.: CB-E27L/1050-1



MANUFACTORY REF No.:	
OEM REF No.: OTHER	
Nominal displacement	27ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	40.5/min(1500r/min)
Fuel feed hole	Φ28
Fuel discharge hole	M27 × 2
Direction of rotation	Left

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 × M 8PCD55
Fuel discharge hole	Φ22-4 × M8PCD44
Direction of rotation	Right

NO.: CB-F7.2/1027-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	7.2ml/r
Maximum pressure	200bar
Highest rotational speed	500-3200r/min
Controlled flow rate	10.8L/min
Fuel feed hole	4*M6-Φ16/PDC35.5
Fuel discharge hole	4*M6-Φ16/PDC35.5
Direction of rotation	Right

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 × 1.75
Fuel discharge hole	M10 × 1.5
Direction of rotation	Left

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 × 1.5
Fuel discharge hole	M16 × 1.5
Direction of rotation	Left

NO.: CBHZ-F36-ALL/1023-28



MANUFACTORY REF No.: KDP25	
OEM REF No.: OTHER	
Nominal displacement	36ml/r
Maximum pressure	250bar
Highest rotational speed	500-3000r/min
Controlled flow rate	54L/min(1500r/min)
Fuel feed hole	G1
Fuel discharge hole	G1/2
Direction of rotation	Left

NO.: CB-F09L/1027-2



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9ml/r
Maximum pressure	20bar
Highest rotational speed	600-3000r/min
Controlled flow rate	L/min
Fuel feed hole	Φ16
Fuel discharge hole	G3/8
Direction of rotation	Left

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 × 4-M8
Fuel discharge hole	M18 × 1.5
Direction of rotation	Right

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 × M10 × 1.25/PDC62
Fuel discharge hole	M16 × 1.5
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-F09L/1027-3



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	9ml/r
Maximum pressure	20bar
Highest rotational speed	600-3000r/min
Controlled flow rate	L/min
Fuel feed hole	Φ16
Fuel discharge hole	Φ16
Direction of rotation	Left

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 × 4-M8
Fuel discharge hole	M18 × 1.5
Direction of rotation	Left

NO.: ZCB-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 × M8
Fuel discharge hole	G3/8 4 × M6
Direction of rotation	Right

NO.: CB-F11/1064




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.: CB-F3.2L/1075




MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	3.2ml/r
Maximum pressure	160bar
Highest rotational speed	800-4000r/min
Controlled flow rate	
Fuel feed hole	Φ24
Fuel discharge hole	M18 x 1.5-6g
Direction of rotation	Left

NO.: CB-0730/1083-1




MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	30ml/r
Maximum pressure	70bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	4 x M10-Φ20
Fuel discharge hole	Rc3/8
Direction of rotation	Right

NO.: CB-F12/1094




MANUFACTORY REF No.:	
OEM REF No.: Mahindra	
Nominal displacement	12ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	43-5/16-18UNC-Φ17/PDC39.8
Fuel discharge hole	2-1/4-20UNC-Φ14/PDC30.2
Direction of rotation	Right

NO.: CB-D12.5/1069




MANUFACTORY REF No.:	
OEM REF No.: A67623	
Nominal displacement	12.5ml/r
Maximum pressure	83bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	Φ14.2
Fuel discharge hole	Φ13
Direction of rotation	Right

NO.: CB-B08/1079



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	8ml/r
Maximum pressure	13bar
Highest rotational speed	500-3200r/min
Controlled flow rate	10.0L/min
Fuel feed hole	Rc1/4
Fuel discharge hole	Rc1/4
Direction of rotation	Right

NO.: CB-F18/1086




MANUFACTORY REF No.:9teeth	
OEM REF No.:	
Nominal displacement	18ml/r
Maximum pressure	
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	4 x M6-Φ20/PDC40
Fuel discharge hole	4 x M6-Φ20/PDC35
Direction of rotation	Right

NO.: CB-F18/1087



MANUFACTORY REF No.:9teeth	
OEM REF No.:	
Nominal displacement	18ml/r
Maximum pressure	
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	4 x M6-Φ20/PDC40
Fuel discharge hole	4 x M6-Φ20/PDC35
Direction of rotation	Right

NO.: CB-1610/1070




MANUFACTORY REF No.:	
OEM REF No.: 371135	
Nominal displacement	10ml/r
Maximum pressure	100bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	Φ14.2
Fuel discharge hole	Φ13
Direction of rotation	Right

NO.: CB-G55L/1082




MANUFACTORY REF No.: 3155L25	
OEM REF No.:	
Nominal displacement	55ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	1-5/8-12UN
Fuel discharge hole	1-5/16-12UN
Direction of rotation	Left

NO.: CB-F18/1088




MANUFACTORY REF No.:9teeth	
OEM REF No.:	
Nominal displacement	18ml/r
Maximum pressure	
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	4 x M6-Φ20/PDC40
Fuel discharge hole	4 x M6-Φ20/PDC35
Direction of rotation	Right

NO.: CB-E13+B2.5/1096



MANUFACTORY REF No.:	
OEM REF No.: D0NN600G	
Nominal displacement	13&2.5ml/r
Maximum pressure	170bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	2*5/16-18UNC-Φ20
Fuel discharge hole	Φ12.5&NPT1/8-28
Direction of rotation	Right

NO.: CB-D22/1071



MANUFACTORY REF No.:	
OEM REF No.: A67622/128191C91	
Nominal displacement	22ml/r
Maximum pressure	69bar
Highest rotational speed	400-2200r/min
Controlled flow rate	
Fuel feed hole	Φ19.2
Fuel discharge hole	Φ19.2
Direction of rotation	Right

NO.: CB-G55/1082-1



MANUFACTORY REF No.: 3155R25	
OEM REF No.:	
Nominal displacement	55ml/r
Maximum pressure	25bar
Highest rotational speed	300-1000r/min
Controlled flow rate	
Fuel feed hole	1 5/8-12UN
Fuel discharge hole	1 5/16-12UN
Direction of rotation	Left

NO.: CB-F16+11/1092



MANUFACTORY REF No.: 6670510665093	
OEM REF No.: 7700034422	
Nominal displacement	16&11ml/r
Maximum pressure	200&200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	4xM6-Φ20/PDC40 & 4xM6-Φ20/PDC40
Fuel discharge hole	4xM6-Φ15/PDC35 & 4xM6-Φ15/PDC35
Direction of rotation	Right

NO.: CB-F16+F05/1202



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	16/5 ml/r
Maximum pressure	25 bar
Highest rotational speed	500-4000r/min
Controlled flow rate	25L/min(1500r/min)
Fuel feed hole	Φ25
Fuel discharge hole	G1/2&Φ5
Direction of rotation	Right

NO.: CB-D31.5/1072



MANUFACTORY REF No.:	
OEM REF No.: 128190C91	
Nominal displacement	31.5ml/r
Maximum pressure	83bar
Highest rotational speed	400-2200r/min
Controlled flow rate	
Fuel feed hole	Φ19
Fuel discharge hole	Φ19
Direction of rotation	Right

NO.: CB-0725/1083



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	25ml/r
Maximum pressure	70bar
Highest rotational speed	600-3000r/min
Controlled flow rate	
Fuel feed hole	4 x M10-Φ20
Fuel discharge hole	Rc3/8
Direction of rotation	Right

NO.: CB-F19+11L/1093



MANUFACTORY REF No.: 6670510665417	
OEM REF No.: 7700034421	
Nominal displacement	19&11 ml/r
Maximum pressure	200&200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	
Fuel feed hole	4xM6-Φ20/PDC40 & 4xM6-Φ20/PDC40
Fuel discharge hole	4xM6-Φ20/PDC40 & 4xM6-Φ20/PDC40
Direction of rotation	Left

NO.: ZCB-E25L/1407



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	24ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	24L/min(1500r/min)
Fuel feed hole	4*M8/PDC55-Φ26
Fuel discharge hole	2*M18*1.5
Direction of rotation	Left

NO.: CB-F18/1408



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	18ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	27L/min(1500r/min)
Fuel feed hole	G1
Fuel discharge hole	G3/4
Direction of rotation	Right

NO.: CB-F75L/1423



MANUFACTORY REF No.: KP75	
OEM REF No.:	
Nominal displacement	75 ml/r
Maximum pressure	21 bar
Highest rotational speed	350-1800r/min
Controlled flow rate	L/min
Fuel feed hole	Φ22
Fuel discharge hole	Φ22
Direction of rotation	Left

NO.: ZCB-0712L/1448-1



MANUFACTORY REF No.:	
OEM REF No.: Venturi 455117	
Nominal displacement	11ml/r
Maximum pressure	7 bar
Highest rotational speed	600-3000r/min
Controlled flow rate	12 L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16x1.5
Direction of rotation	Left

NO.: CB-F25/1459



MANUFACTORY REF No.: 9967884	
OEM REF No.:	
Nominal displacement	25ml/r
Maximum pressure	25bar
Highest rotational speed	600-3000r/min
Controlled flow rate	L/min
Fuel feed hole	Φ28
Fuel discharge hole	
Direction of rotation	Right

NO.: CB-F23/1409



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	23ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	34.5L/min(1500r/min)
Fuel feed hole	G1
Fuel discharge hole	G3/4
Direction of rotation	Right

NO.: CB-F2.5/1430



MANUFACTORY REF No.: 544017R91	
OEM REF No.:	
Nominal displacement	2.5 ml/r
Maximum pressure	20 bar
Highest rotational speed	500-3000r/min
Controlled flow rate	L/min
Fuel feed hole	7/8-14UNF
Fuel discharge hole	9/16-18UNF
Direction of rotation	Right

NO.: CB-F17/1457



MANUFACTORY REF No.: 20C(A)17.3 X 42	
OEM REF No.:	
Nominal displacement	17ml/r
Maximum pressure	25 bar
Highest rotational speed	600-3000r/min
Controlled flow rate	L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ15
Direction of rotation	Right

NO.: CB-F23/1466



MANUFACTORY REF No.: 2TK22D 58566	
OEM REF No.:	
Nominal displacement	23ml/r
Maximum pressure	25bar
Highest rotational speed	600-3000r/min
Controlled flow rate	L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ15
Direction of rotation	Right

NO.: CB-F23/1409-1



MANUFACTORY REF No.:	
OEM REF No.:	
Nominal displacement	30ml/r
Maximum pressure	200bar
Highest rotational speed	500-3000r/min
Controlled flow rate	45L/min(1500r/min)
Fuel feed hole	G1
Fuel discharge hole	G3/4
Direction of rotation	Right

NO.: CB-F4/1442



MANUFACTORY REF No.: 3155R25	
OEM REF No.:	
Nominal displacement	4ml/r
Maximum pressure	25 bar
Highest rotational speed	500-3500r/min
Controlled flow rate	L/min
Fuel feed hole	Φ15
Fuel discharge hole	Φ15
Direction of rotation	Right

NO.: CB-F17L/1457-1



MANUFACTORY REF No.: 20C(A)17.3 X 42	
OEM REF No.:	
Nominal displacement	17ml/r
Maximum pressure	25 bar
Highest rotational speed	600-3000r/min
Controlled flow rate	L/min
Fuel feed hole	Φ20
Fuel discharge hole	Φ15
Direction of rotation	Left

NO.: VP23



MANUFACTORY REF No.: 14650 71401	
OEM REF No.: TOYOTA	
Nominal displacement	
Maximum pressure	
Highest rotational speed	
Controlled flow rate	
Fuel feed hole	
Fuel discharge hole	
Direction of rotation	

NO.: CB-F13/1420-1



MANUFACTORY REF No.: 3115 920 32M	
OEM REF No.:	
Nominal displacement	13ml/r
Maximum pressure	200bar
Highest rotational speed	600-3000r/min
Controlled flow rate	19.5L/min(1500r/min)
Fuel feed hole	4*M8/PDC40-Φ19.5
Fuel discharge hole	4*M8/PDC40-Φ12
Direction of rotation	Right

NO.: CB-F40L/1444



MANUFACTORY REF No.: 50CC	
OEM REF No.:	
Nominal displacement	50ml/r
Maximum pressure	25 bar
Highest rotational speed	500-3000r/min
Controlled flow rate	L/min
Fuel feed hole	Φ32
Fuel discharge hole	Φ19
Direction of rotation	Left

NO.: CB-F55L/1422



MANUFACTORY REF No.: KP55	
OEM REF No.:	
Nominal displacement	55 ml/r
Maximum pressure	21 bar
Highest rotational speed	350-1500r/min
Controlled flow rate	L/min
Fuel feed hole	Φ28
Fuel discharge hole	M26*1.5-6H
Direction of rotation	Left

NO.: ZCB-0014L/1448



MANUFACTORY REF No.: Venturi 442160	
OEM REF No.:	
Nominal displacement	16ml/r
Maximum pressure	20bar
Highest rotational speed	600-3600r/min
Controlled flow rate	14 L/min
Fuel feed hole	Φ20
Fuel discharge hole	M16x1.5
Direction of rotation	Left



QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
PASSENGER CAR SERIES			ZYB-1007R/363-7		
U.S.A MARKET			ZYB-0908R/363-10	20-319 FORD FOCUS 2002-03	
ZYB-0809R/137-3	"20-300; 1964-60 BUICK-ELECTRA, ESTATE WAGON 1962-61 FLEETWOOD, SERIES 62, 1963-60 CATALINA, GRAND PRIX, SAFARI" BUICK		ZYB-08507R/412-1	21-5844 TOYOTA 4 RUNNER 1995-88	
ZYB-1012R/137-4	CARDONE 20-302 1990-80 CHEVROLET-B60,C50,C5500 1990-80 KODIAK,C60,C60 1990-80 GMS-B6000,C5000,C5000		ZYB-0808R/412-2	44320-35270 CARDONE 21-5844 Toyota 4 Runner 3.0L before 12/1987	
ZYB-1013R/137-5	CARDONE 20-301 1990-80 CHEVROLET B60,C50,C60&C70 1990-80GMS B6000 C5000,C6000&C7000		ZYB-1007R/533	ZF 7690 955 105	
ZYB-1015R/137-6	SBPSNR SBB1-S		ZYB-1008R/533-1	VW LT35 2D 0422155C	
ZYB-1208R/339-5	8251738 CARDONE 21-5404 VOLVE S80 7617955116		ZYB-0907R/533-19	11401005	
ZYB-1007R/339-6	8251736 CARDONE 21-5283 VOLVO C70 7613955141K		ZYB-1005R/553	CHEVROLET 89445-04113	
ZYB-1010R/363-5	FORD		ZYB-0707R/598-5	21-5450 NISSAN ALTIMA 06-04	
ZYB-0910R/363-6			ZYB-1009R/649-1	21-5930 TOYOTA	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1007R/658	CARDONE 20-2402		ZYB-0807R/733B-1	990-0521 21-5419 56110RTA51 56100RTA51 ACURA RSX 06-02 ACURA TSX 08-06 HONDA ACCORD 07-06 HONDA CR-V 11-05 HONDA CR-V 2002 HONDA ELEMENT 11-06	
ZYB-09506R/658-1			ZYB-0807R/734-3	CARDONE 21-5931	
ZYB-0910R/662-2			ZYB-0907R/734-3D	TOYOTA	
ZYB-1012R/662-3	712-0122 2L1Z-3A67A-GB 2L1Z-3A67A-GBRM FORD EXPEDITION 06-03 FORD F-150 08-04 LINCOLN MARK LT 08-06 LINCOLN NAVIGATOR 06-03		ZYB-0807R/734-4	990-0541 21-5278 44320-33140 LEXUS ES300 03-01 LEXUS ES330 06-04 TOYOTA CAMRY 06-02	
ZYB-1010R/663-1	20-269		ZYB-0908R/779A	FORD MONDEO ZHISHENG2.3	
ZYB-1210R/663-2	cardone# 20-852 4883960AA 2002-97 Dodge RAM 2500 Truck 2002-97 Dodge RAM 3500 Truck DODGE		ZYB-1009R/813	10400012	
ZYB-0910R/686	CARDONE 20-2403		ZYB-0908R/815A	FORD FALCON EF-AV6CYL/FORD 6CYLINDER CARD 1996-2002	
ZYB-0910R/686-1	1040003		ZYB-1014R/815-1	26132505	
ZYB-0908R/733A	56110PND A51 CARDONE 21-5419 HONDA-ACCORD		ZYB-08512R/815-2A		
ZYB-0908R/733A	56110RAA02 56110RAA01RM CARDONE 21-5341 HONDA ACURU ACCORD TSX		ZYB-10512R/815-2B		

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-08512R/815-3A			ZYB-0809R/840-18	BDH-37241 BDH-9003	
ZYB-1014R/815-4	CARDONE 20-860		ZYB-0808R/840-19	BDH-9001	
ZYB-1014R/815-7	CARDONE 20-8704F CHEVROLET/GMC/ CADILLAC		ZYB-08507R/855	6N0145155E PASSATB3	
ZYB-1012R/815-8			ZYB-1214R/857-10	AMERICAN SERIES	
ZYB-1010R/815-10	52855925AC DODGE		ZYB-09507R/2010		
ZYB-1011R/815-11	cardone# 20-852 4883960AA 2002-97 Dodge RAM 2500 Truck 2002-97 Dodge RAM 3500 Truck DODGE		ZYB-0807R/2035	44310-07040 21-5498 990-0950 TOYOTA CAMRY	
ZYB-0705R/815-12	07840049 AMERICAN SERIES		ZYB-113088R/2037		
ZYB-0809R/815K	15054905 CHRYSLER Y G.M. (METRICA) SIN DEPOSITO 80/94		ZYB-1009R/2038	52855925AC DODGE	
ZYB-1109R/815BA	customization		ZYB-1209R/2038-1	43531000 26047158 990-0860 20-348 CHRYSLER/DODGE	
ZYB-0805R/840-1A	DHB 19778 4007.AP PEUGEOT 206		ZYB-0807R/2042	44310-12540 TOYOTA COROLLA ZZE122	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-0807R/2042-1	44310-33150 TOYOTA CAMRY ACV30/1AZ/2AZ		ZYB-0707R/2070A	34430-FG000; CARDONE 21-5196; SUBARU	
ZYB-1008R/2043	6N0145155E PASSATB3		ZYB-1208R/2089-1A	BENZ	
ZYB-0806R/2046	4431008010 CARDONE 21-5362 TOYOTA		ZYB-1309R/2089-4	004466860 CARDONE 21-157 Mercedes Benz E350 4 Matic Models	
ZYB-0908R/2048	028145157D GOLF3		ZYB-1309R/2089-5	0044667801 CARDONE 21-5491 Mercedes Benz C230	
ZYB-0907R/2049	34430SA0019L SUBARU		ZYB-0808R/2116-1	491107Y000 49110-8J200 49110-CK000 CARDONE 21-5407 Nissan Altima 3.5L	
ZYB-09065L/2051	PASSATB4 027145157B		ZYB-09808R/2137		
ZYB-1207R/2055-1	BMW		ZYB-1008R/2124-7	990-0866 52059899AE R2059899AE GM# 19319484 JEEP WRANGLER 11-07	
ZYB-0907R/2076-1	NISSAN		ZYB-1413R/2131-1	990-0551 21-5461 52089883AC JEEP COMMANDER 10-06 JEEP GRAND CHEROKEE 10-05	
ZYB-0808R/2059	CARDONE 21-4045 DODGE		ZYB-1107R/2140-1	8D0145156F Cardone 21-5146 VW Passport 2.8L	
ZYB-0909R/2060	44310-0C030 CARDONE 21-5264 TOYOTA		ZYB-0709R/2141	53005437 26004702 JEEP CHROKEE BASE/CHIEF 1987-1989	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1109R/2141-1	53005437 Jeep TC series pump 1650psi		ZYB-0908R/2264-1	GM# 19319041 990-0235 21-5268 56110-P8F-A02 HONDA ODYSSEY 04-99 HONDA	
ZYB-0709R/2141B	38006759		ZYB-0908R/2293-3	NISSAN	
ZYB-0707R/2154	44320-24071 CARDONE 21-5922 Lexus IS300		ZYB-0908R/2293-4	NISSAN	
ZYB-0808R/2156	490016Y310 CARDONE 21-5933 Infiniti I30 49110-40U15		ZYB-0908R/2308	21-5442; GM# 19319317; HONDA ODYSSEY 10-05	
ZYB-12098R/2188	7693 955 172		ZYB-0908R/2308-1	21-5349; 56110RCAA01; GM# 19319334; HONDA ACCORD 07-03	
ZYB-14510R/2188-1	712-0191 7696 955 159		ZYB-0808R/2308-2	21-5193 ; GM# 19319381; 56110-RJE-A01; HONDA RIDGELINE 11-06	
ZYB-14510R/2188-2	7697 955 172		ZYB-0808R/2308-3	21-5349 06561-RCA- 505RM	
ZYB-12098R/2188-3	7697 955 173		ZYB-0808R/2308B	21-5494; GM# 19319387; 56100- R7011, R7000	
ZYB-14510R/2188-4	7696 955 159; 2014 Ford F-150 FORD		ZYB-0907R/2353	910-0115 21-5370 5L8Z3A674BA FORD ESCAPE 07-05 MAZDA TRIBUTE 06-05 MERCURY MARINER 07-05	
ZYB-0808R/2264	"56110-P8E-AO1 21- 5290 2003-01 Honda CL 2002-01 Honda MDX 2003-99 Honda TL2004-03 Honda Pilot" HONDA		ZYB-0908R/2384	TOYOTA	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-0806R/2422	BDH-76895			990-0718 21-5441 56110-RDA-A01 ACURA TL 08-04	
38229385	BDH-37242 BDH-37243			990-0735 21-394 49110-JK20A INFINITI EX35 12-08/EX37 2013/FX35 12-09/ FX37 2013/G35 08-07/G37 13- 08/M35 10-09/M37 13-11/Q50 15-14/Q60 2014/Q70 15-14/ Q70L 2015/QX50 16-14/QX70 16-14	
	QVB500080 CARDONE 21-5255 LAND ROVER DISPATCHER			712-0158 7L3Z- 3A674-B 7L3Z-3A674- DRM FORD F-150 08- 05	
	56100-RDJ-A01RM CARDONE 21-5442 Acura MDX			730-0123 21-5448 25754247 25900769 CADILLAC SRX 09-04	
	56110-RBB-E01/ CARDONE 21-5415 ACURA TSX			733-0120 20-822 26046503 CHEVROLET CORVETTE 13-97	
	34430 FG000 CARDONE 21-5196 SUBARU FORENZA			950-0120 20- 1012 52013972AB CHRYSLER ASPEN 2008 DODGE DURANGO 2008 DODGE RAM 1500 08- 03	
	4911063U00 CARDONE 21-5428 Infiniti Q45			CHEVROLET V8 350 C10/15/20/30 80/89 7839797	
	21-5442 56100-KDJ-A01RM			15076612 CHEVROLET SILVERADO, SIERRA V8 5.7L 96-01 C/ HIDBOOSTER, FD RUED.DEL.	
	990-0672 21-5390 25770742 CADILLAC SRX 09-04			7839799 CHEVROLET 6 CIL. C10/15/20/30 80/89	
	990-0692 21-5429 DODGE DAKOTA 07-05 MITSUBISHI RAIDER 07-06			52037606 CHRYSLER DODGE RAM 1500,2500,3500 6CIL.DAKOTA (2WD)(4	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
	4684140 CARAVAN,MINI VAN, RAM VAN 6CIL. MOTOR 3.0L,3.3L Y 3.8L		ZYB-0807R/136-2A	DSP142	
	BDH-23456		ZYB-0806R/136-2C	DSP145	
FORD			ZYB-08508R/136-3	4032435 FORD F6RC3A674BB XS6C 3A674 CAAM	
ZYB-0025L/93-2A	7687 955 211 BC46-3K514-BA 7687 955 211		ZYB-10513R/137	7841933 FORD AS700-900 03815984	
ZYB-0009R/93C	7683 975 905 FORD		ZYB-09510R/139	03815969 FORD AS250	
ZYB-0017L/93F	7685 975 900 FORD B-1618 VOLKS WAGEN (17.210.0D)		ZYB-09508L/168-3	7691 975 919 BG3T3A674AA 19737 FORD RANGER	
ZYB-0016L/93F-1	7684 975 986 FORD		ZYB-08510R/180	7846075 FORD	
ZYB-09507R/136	4032868 20-604-01023 FORD FIEST T12-T15 YC1C3A674GA		ZYB-1012R/180-2	FORD/RENAULT	
ZYB-09508R/136-1	PM 32868		ZYB-0708R/180-3	26044043 HOLDEN VS 6 CYL	
ZYB-0808R/136-2	YC1C3A674EA YC1C-3A674-AB XS71-3A675-BG		ZYB-1007R/180-4	94160 669 0/475-2601	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-08510R/181	7830247 FORD		ZYB-0016R/219-1	7674 955 500	
ZYB-1309R/195-4	7673955380 Customization 130bar		ZYB-1516L/219-2	7674 955 954	
ZYB-0809R/195-5	7673955380 Customization 80bar		ZYB-0021L/219-3	7674 955 518	
ZYB-1316R/216	7674 955 245 FORD DEVFATIH		ZYB-0021L/219-3A	7674 955 518H	
ZYB-1516R/216-1	VICKERS 55955 /7674 955 955 H		ZYB-1318R/220	7673 955 572 FORD BMC162	
ZYB-0016L/216-2	7674 955 947H		ZYB-1018R/220 ALUMINUM	7673 955 572 FORD BMC 162	
ZYB-0016R/217	7674 955 306 FORD BMCPRO		ZYB-07516R/257-7	7673 955 800	
ZYB-1318R/218	7673 955 580 FORD CARGO		ZYB-0016R/257-8	46-180(TJG145157) 7674 975 911	
ZYB-1018R/219	7673 955 702 FORD AS950		ZYB-0807R/363	YC1E3A733AC PM34733 FORD TRANSIT	
ZYB-13516R/219A	7673 955 703		ZYB-1207R/363-3	6C11 3A696 AH FORD TRANSIT V184/V347	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-0907R/363-4	FD-052 FORD		ZYB-0908R/363-18	1F2C3A674BBRM FORD WINDSTAR V6 3.8L 99-02 S/DEPOSITO	
ZYB-1010R/363-5	7C3Z-3A674-CB		ZYB-1007R/533-14	95VW3A674DD	
ZYB-0807R/363-9A	XS2C3A674AA/ F83C3A674CB/DSP184		ZYB-1209R/562-6	FORD FG FALCON G6/ G6E/XR6	
ZYB-0907R/363-10B	2S6C3A674BG FORD FIESTA TODOS 98-11		ZYB-0807R/632-16	948045 FORD	
ZYB-09085R/363-11	4153191 3907535 F7RC-3A674-BC FORD		ZYB-1007R/661 W/O reservoir	6E5Z3A696AB DHB 19841 FORD FUSION	
ZYB-0808R/363-12	XS4C3A696RBAM 4074608 3838803		ZYB-0907R/662-1	FORD MONDEO CD132	
ZYB-0806R/363-13	1227887 FORD		ZYB-0806R/662-4	4533382 4121762 1S7C3A674CB	
ZYB-0806R/363-14	3838811 3043678 XS4C3A696NB FORD		ZYB-0806R/663B	4695236	
ZYB-0908R/363-15	3043682 XS4C3A696HCAM FORD		ZYB-1208R/779A-1	C11-3A696-BB FORD	
ZYB-0907R/363-17	RM1C1J3A696BB		ZYB-08507R/815-9	SAGINAW FORD	


QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1008R/833	FORD CONNECT		ZYB-0807R/858	DHB 19719 S-10 MOTOR 2.5 TOI	
ZYB-1008R/833-1	PM27696		ZYB-0808R/863-5	DHB 22030 1930000R 547422155 FORD ESCORT	
ZYB-1008R/833-2	CUSTOMIZED		ZYB-10508R/863-12	8300024778 DSP1229 FORD	
ZYB-0707R/833-4	6238		ZYB-08506R/896	DHB 19836 2S65-3A696-DA FORD NOVO FIESTA 1.0/1.6 STREET	
ZYB-0908R/840-3	DHB 19725 3254221556 FORD ROYALE 1.8 / 2.0 FORD VERSAILLES 1.8 / 2.0 SANTANA 1.8/2.0 QUANTUM 1.8 / 2.0		ZYB-0707R/896-1	DHB 19888 1910100R 2M51-3A696-AA FORD FOCUS 1.8/2.0 GASOLINA ZETEC ROCAM	
ZYB-10510R/840-8	DHB 22031 1934000R TNK145145A FORD F-1000 DIESEL		ZYB-0708/896-2	DHB 19840 1943100R 2S65-3A696-AA FORD NOVO FIESTA 1.0/1.6 STREET	
ZYB-11510R/840-11	19730 1983000R FORD F-1000 MOTOR MAXION		ZYB-08505R/896-3	DHB 19839 1942100R 2N15-3A696-BA FORD/ECOSPORT 2.0	
ZYB-0907R/840-17	948063 FORD		ZYB-0806R/896-4	DHB 26769/26992FORD KA 1.0/1.6	
ZYB-0908R/857-4	DHB 19743 1995000R F5RC-3A674-FA FORD/ESCORT ZETEC 1.8 16V		ZYB-0708R/896-5	DHB 19841 FORD COUIER	
ZYB-0906R/857-8	DHB 19838 1933100R 2S65-3A696-CA FORD NOVO FIESTA 1.0 SUPERCHARGER		ZYB-0905R/2053B	1145844	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-10075R/2099	FORD PUMA ENGINES AB313A696AB		ZYB-1007R/2165-3	7613 955 148 FORD	
ZYB-09508R/2124	ZF7613 975 911		ZYB-1408R/2180	P3885 FORD	
ZYB-0906R/2153	FORD		ZYB-0807R/2185-1	948025 FORD	
ZYB-0805R/2153C	2S6C3A696DA		ZYB-1006R/2185-2	DSP156/ 1046322	
ZYB-0907R/2161-6	95AB3A674AB		ZYB-1006R/2185-3	DSP126	
ZYB-1006R/2161-6A	DSP120		ZYB-0011R/2211	7673 975 960	
ZYB-1007R/2165	7613966160 4M513A696AB/AC/AD FORD FOCUS 1.6 MOTOR SIGMA		ZYB-1207R/2225	6C11-3A674-AA FORD	
ZYB-1007R/2165-1	1145276 1364114 1457620		ZYB-1207R/2241-2	6G913A696NB	
ZYB-1007R/2165-1A	4M513A696AB FORD		ZYB-1008R/2283	FORD AB313A696BC FORD	
ZYB-0708R/2165-2	2S41-3A696-AA PSP 263		ZYB-0807L/2289	XS71-3A674-BE FORD	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-0908L/2289-1	XS71-3A674-BF FORD			86GB3A674EA	
ZYB-1109R/2342	BR2Z3A674AB/350124 FORD, FALCON FG MARK 2 & FGX 4LT V6			1C2Z3A674AARM FORD F-350 V8 5.4L TRITON 98-01,F-450 V10 6.8L 99-05	
ZYB-0907R/2353	21-5370/GM# 19318841/5L8Z3A674BA			1F2C3A674BBRM FORD WINDSTAR V6 3.8L 99-02 S/DEPOSITO	
	1673862			E5DZ3A697A FORD BRONCO II,RANG ER,EXPLORER,WINDST AR,MUSTANG 89-95	
	1145844			E5LY3A674A FORD TODOS 78/89	
	91AB3A674BA FORD, different connection		MERCEDEZ BENZ		
	F5RC3A674GA		ZYB-0708L/168	91102H 310/312/412 MAXION	
	F4RC3A674GD		ZYB-1008L/168-1	7691955910 SPRINTER	
	F4RC3A674AD		ZYB-1009L/168-2	7691955912 SPRINTER	
	F2RC3A674AB		ZYB-1008R/443-8	662901 769190 W202/W210	





















QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1108R/443-9	0024660701		ZYB-1208R/636-7	004 466 7001	
ZYB-1007R/533-9	906 466 0201		ZYB-1209R/636-8	K S00 000590 7692900510 A002 466 7601	
ZYB-1207R/533-12	0064667801		ZYB-1011R/636-9	541 0155 10	
ZYB-1208R/636	7693 900 510/530 0024667501 003 466 7201 0024667601 SPRINTER		ZYB-1108R/636-10	002 466 9101	
ZYB-1207R/636-1	0024666901 MERCEDES		ZYB-1106R/636-11	BENZ	
ZYB-1208R/636-2	0034660101 MERCEDES		ZYB-12075R/723-11	0024662301 MERCEDES 0024661101	
ZYB-1106R/636-3	0024669401 0024669301 0044661301		ZYB-12075R/723-12	0024665101 MERCEDES	
ZYB-1107R/636-4	0024667301 MERCEDES		ZYB-1207R/723-13	0034669301	
ZYB-1209R/636-5	002 466 8801		ZYB-1208R/723-13A	0044668301	
ZYB-1009R/636-6	LS 7691 332 154		ZYB-1106R/897	0034660701 SPRINTER Sprinter/002 466 8101 002 466 3801/w163/w164	












QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1107R/897-1	0024662901 MERCEDES 0024663001		ZYB-1207R/2089C	0044669301	
ZYB-1209R/897-2	542 0035 10		ZYB-1210R/2227	7692900910 A9064660201 A006 466 7801	
ZYB-1207R/2078	7079 955 143		ZYB-1207R/2369	A0034664101 003 466 4001	
ZYB-1007R/2089	0024668101 BENZ-M-CLASS ML300		ZYB-0015R/2380	TBC34072149001	
ZYB-1208R/2089-1	002 466 8601 MERCEDES 0024668701 0024664701			0024665201	
ZYB-1208R/2089-2	005 466 2201 PLASTIC PULLEY 0044667801 0044667901 0044668501			0034660501	
ZYB-1207R/2089-3	0024662401 MERCEDES 0024661201			0034666401	
ZYB-10095R/2089-7	7692 955 509 A002 466 8201 96-5294 0024668101 0024663801 0024664601			0054660201	
ZYB-0911R/2089-8	34666401 MERCEDES-BENZ			0054664201	
ZYB-1008R/2089B	0034660501			A0024661201	




















QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
	0024668301		ZYB-1007R/533	7690955105 1J0422154HX 16154015165 GOLF IV	
	0054666501		ZYB-1008R/533-1	2D0422155C LT 35	
	0054669501		ZYB-1106R/533-3	2D0422155	
	A0024661001		ZYB-08065R/533-4	6N0145157 X 535145157 X 535145157	
	0064664301		ZYB-1006R/533-5	028145157 F 7D0422154 7D0422154X	

VOLKS WAGEN

			ZYB-1006R/533-6	074145157CX 074145157C	
ZYB-1055R/265	7691955400		ZYB-08065R/533-7	6X0422154X 032145157AX 030145157D	
ZYB-1106R/265-3	8D0145156KX 8D0145155 8D0145177D		ZYB-0907R/533-13	1J0 422 154 7690 955 105	
ZYB-1106R/265-5	8D0145156TX 8D0145156T 8D0145156K		ZYB-1007R/533-14	95AB3A674BA	
ZYB-105065R/265-6	7L6422154A		ZYB-0907R/533-15	037145157D	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-10507R/533-22	028 145 157FX VW		ZYB-1108R/2136-12	700 422 155 VW	
ZYB-1108R/533-23	3B0422154G VW		ZYB-1109R/2153-1	7E0 422 154D	
ZYB-0808R/840-2	377422155E 1964500R DHB 19724 GOL 1.6/1.8/2.0		ZYB-1209R/2153-2	21G40192	
ZYB-09506R/840-6	7612955540 1903150R DHB 19745 NOVO POLO		ZYB-1007R/2153B	5C0 422 152H VOLKSWAGEN;A6	
ZYB-0708R/840-10	377422155G 1982500R DHB 19729 GOL 1.0 G2/G3/G4		ZYB-1209R/2157	7E0422154E 7617 955 900 VW AMAROK	
ZYB-1209R/866	7H0422153H Transporter		ZYB-0906R/2185	6N0422154A P-VW00257	
ZYB-0806R/2048-1	7M0145157Q 7M0145157LX 037145157BX		ZYB-0906R/2214	027145157 535145157(X) 6N0145157X DSP5213	
ZYB-1108R/2084-1	044145157AX		ZYB-0905R/2214-1	037145157B(X) 7M0145157LX 7M0145157Q DSP486	
ZYB-1008R/2084-2	VW 044145157A(X) DSP500			2E0422155A	
ZYB-0808R/2124-4	7613 955 906 VW			1H0422155D	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
	357422155G		ZYB-1008R/642	7691955402 AUDI A6 1.8L	
AUDI			ZYB-1009R/642-1	AUDI A6 2.4/2.8L	
ZYB-1109R/265-8	4B0145155T		ZYB-1209R/866-1	7E0 422 153	
ZYB-1110R/265-9	8D0145156N		ZYB-1208R/2055	M-H001	
ZYB-1007R/265-13	8D0145155Q(X) 8D0145156K(X) DSP5235ZF		ZYB-1207R/2055B	8D0 145 156 AUDI; A4 2.8 048145155C	
ZYB-1210R/265-17	8R0145155G		ZYB-1207R/2136-14	8D0 145 156K	
ZYB-08065R/533-4	8N0145154AX		ZYB-1106R/2140	8E0145155F	
ZYB-1106R/533-8	8E0145153 8E0145153H		ZYB-1106R/2140-2	customization	
ZYB-1106R/533-11	8E0 145 155 N		ZYB-1006R/2161-8	DSP5101	
ZYB-12065R/533-20	8E0 145 155N DSP1320			026145155B	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
	32411127046		ZYB-1207R/897-3	324 167 83431 BMW	
	8K0145155K		ZYB-1310R/2003	LH2113605; 32414039954 BMW	
BMW			ZYB-1107R/2003-1	32416780459 BMW	
ZYB-1008R/265-16	BMW		ZYB-1308R/2003-2	32414038768	
ZYB-1008R/379-16	32411092741 32411092742 32411097149 32411093040 32411094098 E39		ZYB-0807R/2042-2	D670091 BMW	
ZYB-1008R/379-17	379-16# change tibe BMW		ZYB-1107R/2062	32416750423 32416760036 541013110 32416760034 E46	
ZYB-1106R/443-11	32416754172		ZYB-1106R/2136	32411094965 1094965	
ZYB-1107R/533-10	32416768155		ZYB-1106R/2136-1	32416753274 6753274	
ZYB-1007R/533-22	BMW 028145157F BMW		ZYB-12075R/2136-2	32411093 577 32416754172 32416750938 32411095155 32411093360	
ZYB-12075R/723-10	32416757913		ZYB-1207R/2136-3	32416757840	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1006R/2136-13	2KO 422 154A BMW		32411141419		
ZYB-1208R/2273	7617 955 134 (120Bar) BMW		32416756175		
ZYB-1107R/2273-1	M091 BMW		32416783486		
	32411095 749		LANDROVER		
	2411141419		ZYB-0706R/169	PA9077 QVB10018	
	32416783431		ZYB-0708R/172	ZF 7691955254 LAND ROVER 5407	
	BMW 324 110 95749 BMW		ZYB-1106R/265-4	QVB101452	
	BMW		ZYB-1106R/265-5	ANR2157E	
	32411133158		ZYB-07506L/265-14	ANR 2157 LAND ROVER	
	32411134594		ZYB-1309R/2010D	QVB500390	

















QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1207R/2010D-1	QVB500400			LR007207	
ZYB-0707R/2328	NTC9198		ALFA ROMEO		
ZYB-0707R/2328-1			ZYB-1007R/656-6	46533006 ALFA ROMEO	
ZYB-0707R/2328-2	NTC8288		ZYB-0805R/656-3A	46763561 46534757 46473843 ALFA ROMEO	
ZYB-0606R/2340	QVB10018		BUICK		
	847136041/QVB101350		ZYB-07075R/2158	96451976	
	QVB50080			20954812 BUICK	
	QVB101240E		VOLVO		
	QVB101462LE		ZYB-1108R/2235	7613 955 147 VOLVO	
	QVB500630 LANDROVER		ZYB-1108R/2235-1	7617 955 165 VOLVO	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1208R/2235-2	7617 955 117 VOLVO		ZYB-0907R/632-4	OPEL 9332503 DHB 19726	
ZYB-1108R/2235-3	2235# change VOLVO		ZYB-1006R/632-14A	948049	
ZYB-1208R/2241	7617 955 150 VOLVO		ZYB-087R/863-9	90409239	
ZYB-1108R/2235-1	8603105		ZYB-09506R/632-8	8200024738	
ZYB-0907R/2325	8251729		ZYB-11508R/2010-3	948230 OPEL	
ZYB-0907R/2325-1	8251728		ZYB-0807R/2161-4B	948038	
ZYB-1105R/2337	8603046		ZYB-12085R/2208-2	948228 OPEL	
	9125202		ZYB-0906R/2214-2	948070 OPEL	
OPEL			ZYB-1207R/2363	DSP411	
ZYB-1106R/172-1	ZF 7691955199 OPEL 90540019 948062			OPEL 13309339	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
	948026		ZYB-1007R/265-11	4007.W5	
	948031		ZYB-1009R/265-12	4007.P6	
	90467000		ZYB-1106R/265-18	9656405380	
	90495182		ZYB-0805R/374	ROA	
JAGUAR			ZYB-07507R/521	KIA PRIDE	
ZYB-0708R/173	ZF 7691974145 Kuden Jaguar Err4066		ZYB-1107R/533-16	4007.N2	
ZYB-1007R/2165B	2W933A696BB		ZYB-0805R/562	CITROEN Elysee8v	
ZYB-0908L/2289-4	4X4Q-3A674-BA C2S48682/E JDE2552 JDE4137/E Jaguar X-Type 2.0D 07.2003-11.2009		ZYB-1004R/562-2A	4007.V5 206	
	4X4Q3A674BA		ZYB-1006R/562-4	9686525480 28240748 4007.LP 4007.V6	
PEUGEOT			ZYB-1007R/562-5	9662129180 28247115 4007.LT	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-0806R/562-7	9638339880 4007.2C		ZYB-0805R/656-4A	9659820880 9647790780 4007.WL	
ZYB-0805R/562-8	9636868880		ZYB-0805R/656-4B	656-4 CHANGE PEUGEOT	
ZYB-07505R/562-9	9631411580		ZYB-1006R/656-5	4007.TC	
ZYB-0907R/562-10	4007.4E		ZYB-09505R/656-7	4007.6C	
ZYB-1008R/562-11	4007.WN 4007.WQ		ZYB-0906R/656-11	4007.E3	
ZYB-1008R/562-14	9639650880 CITRON 4007.7E/AR 4007.EE/HZ/JL 4007.LA/LG/WN 4007.WQ/Z4 DSP526		ZYB-08507R/656-12	4007.V9	
ZYB-1004R/562-16	4007.AQ		ZYB-1005R/824	405	
ZYB-0905R/632-5	491100246R 5948064 4414166 49110-00QAG		ZYB-09065R/2051-1	9624659580 4007.L8 4007.L9	
ZYB-1108R/632-18	4007.RO		ZYB-09065R/2051-2	4007.V8 4007.W3 4007.PO	
ZYB-0905R/656-1A	4007.1F 405		ZYB-09065R/2051-4	9631923480 XSARA	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1007R/2051-5	4007.W0		ZYB-1107R/2136-10	4007.CK	
ZYB-1007R/2051-5 9MPA	4007.R4		ZYB-10065R/2161	4007.A3	
ZYB-1006R/2051-8	4007.L7		ZYB-08506R/2161-1	96140501 4007.V7 C25 Bus	
ZYB-1007R/2124-3	9640906480 7613 955 512		ZYB-08055R/2161-2	51736379	
ZYB-1007R/2124-5	7613 974 910 PEUGEOT		ZYB-1006R/2161-9	4007.OF	
ZYB-1106R/2136-4	9654342980 4007.KL		ZYB-1006R/2161-10	4007.7C	
ZYB-1106R/2136-5	9645464980 4007.CJ		ZYB-0906R/2185-5	JPR382	
ZYB-1006R/2136-6	9640830580 71788898 4007.CX 9630706380			9644878380 9662128780 4007.LN	
ZYB-1106R/2136-8	9636086580 4007.6A 4007.7A			4007.JG	
ZYB-07505R/2136-9	4007.VR			4007.WP	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
	4007.Z1			DSP1324	
	4007.03		RENAULT		
	CITROEN 4007.CA		ZYB-0906R/180-5	7700417308 MEGANE 7700419156	
	9631411680		ZYB-1207R/533-2	8200193992 7691955371 8201183788 MASTER	
	4007.N2		ZYB-1007R/533-18	8200193992 RENAULT MASTER	
	4007.S0		ZYB-0806R/632-2	7700431286 CLIO/KANGOO	
	9615918188		ZYB-0907R/632-3	7700840105 7700431286 CLIO2 / KANGOO	
	9635445780		ZYB-0905R/632-5A	491100246R	
	9623814680		ZYB-0805R/632-6	8200888505 8200888500 8200711390 RENAULT DACIA	
	9602201380		ZYB-1008R/632-7	8200024778	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-09506R/632-8	8200024738		ZYB-0807R/656-14	4647376; SAAB	
ZYB-0805R/632-9	7700826568		ZYB-0016R/817-11		
ZYB-0707R/632-10	491105510R DUSTER		ZYB-0024R/828-1	CP240.1936.405	
ZYB-0907R/632-11	8200024738		ZYB-0907R/840A	7686 955 174 RENAULT	
ZYB-1008R/632-12	8300024778/8200024778/9121312 RENAULT		ZYB-0805R/840-9	DHB19736 7700419118 CLIO 1.0 16V 02/ C/AR	
ZYB-0908R/632-13	7700 823 738 RENAULT		ZYB-1007L/848-5	7700300535 MASTER	
ZYB-1008R/632-14	8200024738 RENAULT		ZYB-0907R/863	7700431286 7700431283 CLIO	
ZYB-1008R/632-15	7700840105 RENAULT		ZYB-0905R/863-1	7700417137 DHB19849 Megare	
ZYB-0907R/632-17	632-3 change RENAULT		ZYB-0905R/863-2	28240751 7700419117 8200246248 LOGANE	
ZYB-1008R/656-13	4007JC; CITROEN		ZYB-0905R863-6	19848/7700419117 CLIO 1.6 16V 02/08 C/S/AR	


QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-1008R/863-12A	8200024738 RENAULT		ZYB-0906R/2338	7700419118/C	
ZYB-0805R/863-13	7700823735 RENAULT			7700431532	
ZYB-0805R/863-14	DHB 19735 RENAULT CLIO			8200100082	
ZYB-0905R/2124-1	7613 955 613 RENAULT		FIAT		
ZYB-0905R/2124-1A	7673855613		ZYB-1007R/265-15	7691 955 182/464426440 ALFAROME/FIAT/LANCI	
ZYB-09065R/2147-2	7700840106		ZYB-09508R/533-17	46407976 FIAT MAREA	
ZYB-0907R/2147-2A	7700840106 RENAULT		ZYB-0805R/656-3A	46763561	
ZYB-08505R/2147-5	7700795295		ZYB-10075R/656-6	46533006	
ZYB-1007R/2185-4	7700805017		ZYB-0907R/656-8	46763561 46534757 46473843	
ZYB-1209R/2243	8200763525/94081105 RENAULT		ZYB-07055R/656-9	46406957	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-0805R/656-10	55186710		ZYB-0806R/863-11	7712005 FIAT ELBA / FIORINO PREMIO / UNO TEMPRA 92	
ZYB-08055R/735-1	55186442		ZYB-0807R/2124-2	7613 955 535 51894441	
ZYB-0807R/840	DHB 1903850R 55186707		ZYB-1007R/2270	"50400927 7612 955 121" FIAT DUCATO	
ZYB-0807R/840-1	DHB 1903900R 267020719		ZYB-1006R/2292	7612 974 914/FIAT E-TORQ 552293350 7612 974 914" FIAT	
ZYB-0806R/840-5	DHB 19731 1988200R 46514985 SIENA 1.0/1.5/1.6		ZYB-0806R/2292B	ZF7612 974 916/FIAT 0055243966	
ZYB-0806R/848-4	ZF7673 955 570			46401703	
ZYB-0807R/857	19738 46541004 55189597 Fiat PALIO FIRE 1.0 8V/16V			46401704	
ZYB-0807R/857-1	DHB 19711 1998200R 46764513 55189598 DOBLO Fiat 1.3/16V		GENERAL MOTORS		
ZYB-0806R/857-3	19761 7084112 UNO Fiat 02/...		ZYB-1008L/607-1-Z	GM CHEVEROT	
ZYB-0807R/857-5	DHB19827 1998100R 51706568 PALIO 1.8		ZYB-0907R/632-4	93322503 (DHB=19726) CORSA 1.3/1.6	

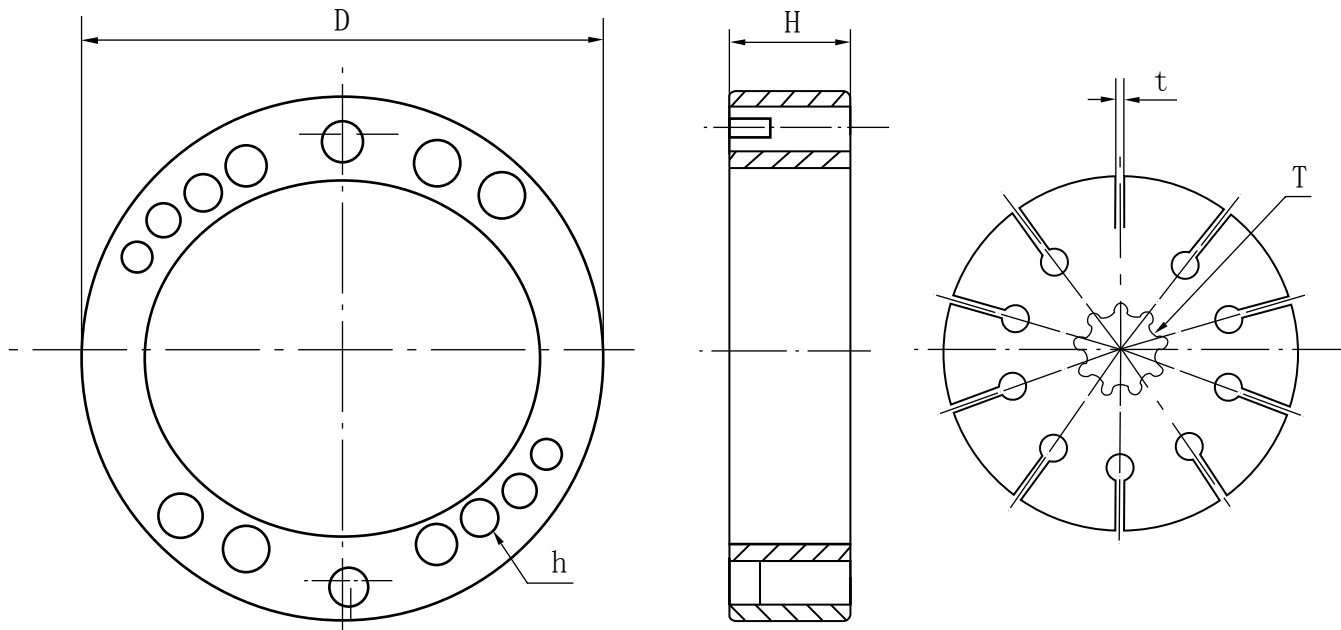
QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-0910R/686-3	20976855 GM CAPTIVA		ZYB-0906R/857-9	DHB 19732 1989200R 93333260 GM ASTRA	
ZYB-1008R/735	GM		ZYB-0809R/863-3	DHB19733 1991200R 93270007 GM S-10 2.2 2.4 MPFI GASOLINA	
ZYB-1010R/815-20	15270799 GM EXPRESS VAN 3500 00-05		ZYB-0805R/863-4	DHB 26418 1956500R 94704486 GM AGILE 1.4	
ZYB-1006R/840-4	DHB 19727 1977800R 93389646 GM VECTRA 8V 16V - 1996 A 2005		ZYB-0805R/863-7	DHB 22041 1956000R 93249438 94711862 GM CORSA CLASSIC 1.0 FLEX C/AR	
ZYB-07509R/840-7	DHB 19720 1949000R 93252604 GM S-10 2.2 EFI GASOLINA		ZYB-0606R/863-8	DHB 22033 1976100R 93249438 94711862 GM CELTA 1.0 C /AR E S/AR	
ZYB-07509R/840-12	DHB 22028 1921000R 52257555 GM IPANEMA EFI KADETT EFI		ZYB-0807R/863-9	90409239	
ZYB-0806R/840-15	26002609 GM MONZA 90		ZYB-1007R/2010-1	94730863 GM COBALT	
ZYB-07507R/857-2	DHB 19893 1990000R 93340929 94711868 GM NOVO CORSA		ZYB-1006R/2010-2	AVEO 1.4 CNG	
ZYB-0906R/857-6	DHB 19846 1990800R 93370988 GM MONTANA		ZYB-1106R/2010-5	GM 52040924 GM	
ZYB-0906R/857-7	DHB 19844 1989800R 93303404 GM NOVO VECTRA		ZYB-09065R/2051-3	52089301AA 52089301AB 52089301AC	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-08065R/2051-6	96255516		ZYB-1009R/2309	CAPTIVA BENSIT2010 GM	
ZYB-07506R/2093	9050187 GM Travera		ZYB-15054906	15054906 GM C-1500,2500 V8 5.7L Y V6 4.3L 96-01,S- 10 4X4 98-99	
ZYB-0707R/2158-2	AVEO 1.6 96535224		ZYB-19319787	19319787 G.M. C-10,20,30, SUBURBAN, SILVERADO 8CIL.MOT. 350 92/9	
ZYB-0809R/2158D	CAPTIVA 2007 GM; without outlet port magnetic switch		ZYB-26020779	26020779 G.M. MICROBUS (CON BOSTER) 80/98	
ZYB-1107R/2208	9683 7812 CRUIE 1.6		ZYB-26004060	26004060 G.M. V6 TODOS 89/98	
ZYB-11075R/2208-1	9683 7813 CRUIE 1.6 NEW		ZYB-26010182	26010182 G.M. C-10,20,30,SUBURBAN. PICK UP 8CIL. MOT. 350 89/91	
ZYB-1006R/2208-4	ONIX 94748892 GM		EUROPEAN MARKET		
ZYB-07507R/2210	OPTRA 1800		ZYB-1107R/723-18	4838447 Saab	
ZYB-0808R/2210-1	96626762 CAPTIVA (BENSIT)2006		ZYB-1112R/815-17	4764526 Chrysler	
ZYB-0907R/2222	44310-0K130 TOYOTA-HILUX		ZYB-1208R/890-3	7C193A696AD	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
ZYB-0906R/2044C	52087871 JEEP			4007. JS Citroen	
ZYB-1208R/2055	MZ-H001			4007.86 Citroen	
ZYB-1006R/2051-9	9632334880 /DSP355 Citroen			51839102 Alpha Romeo	
ZYB-1106R/2161-5	52088712AA JEEP			50500425 Alpha Romeo	
ZYB-0807R/2295-1	57110-2P200			44320-48020 LEXUS	
	5080551AA JEEP			504134868 Iveco	
	52088134 JEEP			6KE422154	
	4647426 Saab			90329438	
	5170675 Saab			OK72A32600A	
	5061841 Saab			OK79A32600	

QX NO.:	OEM NO.: APPLICATION	PICTURES	QX NO.:	OEM NO.: APPLICATION	PICTURES
	X7M24316				
	44320-28130				





	PART NO.: 44306-1030	DIMENSION 68×16×10T×10H		PART NO.: 7839136/180-2	DIMENSION 64.5×16.5×14T×4H		PART NO.: 470-10059	DIMENSION 54×16×14T×6H		PART NO.: 44306-1100	DIMENSION 68×20×18T×12H
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	PART NO.: 44306-1060	DIMENSION 64.5×16×14T×3H		PART NO.: 5688105	DIMENSION 64.7×21.5×14T×4H		PART NO.: 28241780	DIMENSION 58.75×16.5×14T×2H		PART NO.: 28200146	DIMENSION 64.5×16×14T×3H
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	PART NO.: ZF7684 955 198/93A	DIMENSION 64.7×23.5×14T×3H		PART NO.: ZF54200	DIMENSION 63.4×23.43×23T×10H		PART NO.: 475-10050	DIMENSION 65×12×10T×10H		PART NO.: 14714-99017	DIMENSION 64×28×18T×8H
	PART NO.: ZF7685 955 180/407	DIMENSION 64.7×23.5×14T×3H		PART NO.: ZF73/336	DIMENSION 63.4×23.43×23T×10H		PART NO.: 475-10052	DIMENSION 65×14×10T×10H		PART NO.: 14714-99019	DIMENSION 64×30×18T×8H
	PART NO.: 1007V/421	DIMENSION 64.7×23.5×14T×3H		PART NO.: ZYB-16525R/334A	DIMENSION 63.5×23.43×23T×10H		PART NO.: 475-10055	DIMENSION 65×15.6×10T×10H		PART NO.: 14714-99020	DIMENSION 64×32×18T×8H
	PART NO.: 1516R/394	DIMENSION 64.7×23.5×14T×5H		PART NO.: VT77/269	DIMENSION 63.4×23.5×23T×10H		PART NO.: 475-10056	DIMENSION 65×16×10T×10H		PART NO.: 14714-99100	DIMENSION 64×23×18T×8H
				PART NO.: VT74B/248	DIMENSION 63.5×23.43×23T×10H		PART NO.: 475-10057	DIMENSION 65×18×10T×10H		PART NO.: 44306-1170	DIMENSION 64×20×18T×8H
				PART NO.: 542000110	DIMENSION 63.4×23.5×23T×10H		PART NO.: 475-10058	DIMENSION 65×21×10T×10H			
				PART NO.: 542001310	DIMENSION 63.4×23.5×23T×10H		PART NO.: 475-10063	DIMENSION 65×24×10T×10H			
							PART NO.: 475-10065	DIMENSION 65×30×10T×10H			

	PART NO.: 116/132A	DIMENSION 64.5×19.5×14T×1H		PART NO.: 7684-974-704/241	DIMENSION 64.5×23.5×14T×5H		PART NO.: 44306-1160k	DIMENSION 64×16×18T×6H		PART NO.: 167-2	DIMENSION 64.5×19.5×14T×2H
	PART NO.: ZF7673 955 190	DIMENSION 64.5×19.5×14T×1H		PART NO.: 34333-00300/258	DIMENSION 64.5×23.5×14T×5H		PART NO.: 44306-1160	DIMENSION 64×14×18T×6H		PART NO.: ZF 7673 955 116	DIMENSION 64.5×19.5×14T×2H
										PART NO.: 211	DIMENSION 64.5×19.5×14T×2H

	PART NO.: 44306-1150	DIMENSION 64×20×18T×12H		PART NO.: 14714-99018	DIMENSION 64×28×10T×8H		PART NO.: 133	DIMENSION 64.5×22×24T×2H		PART NO.: 149	DIMENSION 75.5×22×14T×8H
	PART NO.: 44306-1150A	DIMENSION 64×18×18T×12H		PART NO.: 14714-99019A	DIMENSION 64×30×10T×8H						
	PART NO.: 44306-1200	DIMENSION 64×23×18T×12H		PART NO.: 14714-99100A	DIMENSION 64×23×10T×8H						

	PART NO.: 106A/130A	DIMENSION 77×26×19T×2H		PART NO.: V20	DIMENSION 22×30T		PART NO.: V10	DIMENSION 27×23T		PART NO.: 91	DIMENSION 75.5×22×24T×8H
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	PART NO.: 54200	DIMENSION		PART NO.: 211	DIMENSION
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	PART NO.: 74B	DIMENSION		PART NO.: 190	DIMENSION
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PART NO.:	DIMENSION
475-75560	77×26×19T×1H
475-75550	77×26×10T×1H
431-11127	64×12×18T×6H
14714-99011	92×19×14T×4H
14714-99012	92×16×10T×14H
14714-99004	65×18×10T×10H
1-19519135-0	65×24×10T×10H
7673 860 153	64.5×19.5×14T×1H
ZF001	64.5×19.5×14T×1H
ZF002	64.5×19.5×14T×1H
ZF003	64.5×23.5×14T×3H
ZF004	64.5×23.5×14T×3H

PART NO.:	DIMENSION
ZF005	64.5×19.5×14T×3H
ZF006	64.5×19.5×14T×1H
ZF007	64.5×23.5×14T×3H
ZF008	64.5×23.5×14T×1H
ZF009	64.5×23.5×14T×1H
V10-005	77×22×23T×14H
V10-006	77×27×23T×14H
C34	65×16.5×14T×4H
VOLVO-485	64.5×23.5×14T×2H
LUK-001	63.5×23.5×23T×10H
LUK-002	63.5×23.5×23T×10H

TROUBLE SHOOTING FOR POWER STEERING PUMP

POWER STEERING DOESN'T SEEM TO BE WORKING:

It takes a lot of effort to turn the steering wheel. In fact, at low speeds you can hardly turn it. The problem is less obvious at high speeds simply because you need to move the steering wheel less at those speeds. The problem may have occurred suddenly.

POSSIBLE CAUSES:

- 1 No fluid in the power steering reservoir: Fill fluid to proper level.
- 2 You have a bad power steering pump: Repair or replace power steering pump.
- 3 The power steering drive belt is broken: Replace power steering drive belt.
- 4 The fluid in the system is contaminated: Flush power steering out power steering fluid and replace with fresh clean fluid.
- 5 You have a steering linkage problem: Repair or replace linkage parts as required.
- 6 There is a leak in the power steering lines: Replace power steering lines as required.
- 7 Low tire pressure: Check and adjust tire pressures

HARD STEERING

You notice it takes much more strength to turn the steering wheel. This is especially noticed when you are trying to park. The problem seems to be getting worse.

POSSIBLE CAUSES:

- 1 Low tire pressure: Check and adjust tire pressures.
- 2 The steering gear needs to be lubricated: Lubricate steering gear parts as required.
- 3 The wheels are out of alignment: Have the wheels aligned.
- 4 A part of the steering linkage is damaged and doesn't not move freely: Replace steering gear parts as required.
- 5 Your steering box needs to be adjusted: Adjust steering box as required.
- 6 You have a problem with the power steering pump: Repair or replace power steering pump as required

NOISES WHILE TURNING A CORNER:

You notice a knocking, clunking, and/or squeaking noise while you turn a corner. Everything else seems to be fine except for the noise. The problem seems to be getting worse over time.

POSSIBLE CAUSES:

- 1 Something is rubbing against or hitting the steering column: Locate the interference and repair.
- 2 The steering gear needs to be lubricated or repaired: Lubricate or replace steering gear parts as required.
- 3 Parts of the steering linkage are loose and need to be tightened: Tighten or replace loose parts as required.
- 4 Your tires are hitting or rubbing against something: Locate the interference and repair.
- 5 You have worn suspension parts: Replace suspension parts as required.

NOISES FROM THE POWER STEERING UNIT:

You notice a whining or moaning from the steering when you turn the steering wheel all of the way in one direction. Everything else seems to be fine except for the noise. The problem seems to be getting worse over time.

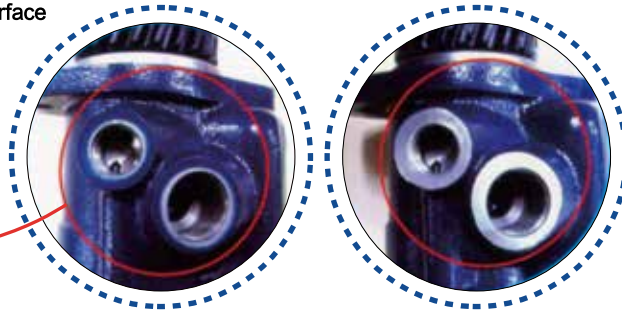
POSSIBLE CAUSES:

- 1 The power steering drive belt is damaged or loose: Tighten or replace power steering drive belt as required.
- 2 The fluid in the system has air in it: Bleed power steering system.
- 3 The fluid level in the power steering reservoir is low: Fill fluid to proper level.
- 4 The mount for the power steering pump is loose or damaged: Repair or replace power steering pump mounts as required.

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

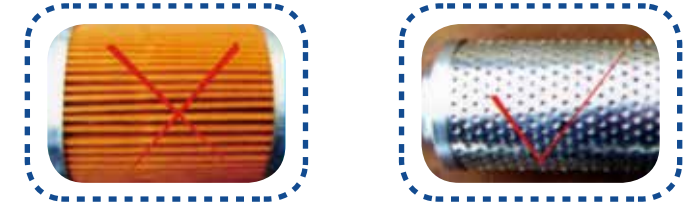
Step 4:

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.

