

中華人民共和國

SHANHAI

DIESEL ENGINE & SPARE PARTS





ADJUSTING SCREW R.A.
R175A



ADJUSTING SCREW R.A.
S195



BOLT CONNECTING ROD
S195



BOLT CONNECTING ROD
S1110



DECOMP LEVER ASSY
S195



DRAIN COCK
R175A



DRAIN COCK
S195



SPRING VALVE
R175A



SHAFT R.A.
S195



SUPPORT R.A. ASSY
S175A



TAPPET ASSY
S195



UP COVER CYL. BLOCK
S195



BUSH PIN
R175A



FUEL PIPE (S) S195



HANDLE STARTING
S195



GAUGE OIL LEVEL
S195



OVER FLOW PIPE S195



H.P.P. R175A



H.P.P.
ZH1110



OVER FLOW PIPE S1110



L.O. PIPE S195



H.P.P. S195



L.O. PIPE S1110



L.O. PIPE S195



H.P.P. S1110



L.O. PIPE S1110



L.O. PIPE ZH1110



FUEL PIPE R175A



FUEL PIPE (IRON) R175A



FUEL PIPE R180



FUEL PIPE (IRON) R180



FORK GOVERNOR ASSY S195



FUEL PIPE W/COCK ASSY S195



FORK GOVERNOR ASSY S1110



SUMP OIL S195



GEAR SET S195



SUMP OIL S1110



GEAR CASING R175A



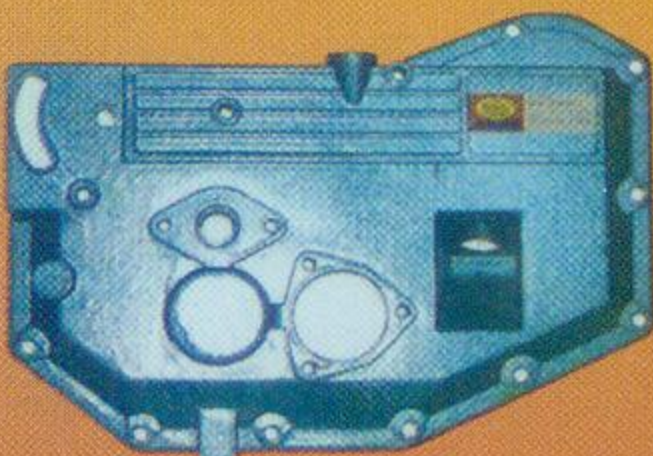
CRANK PIN METAL STD S195



CRANK PIN METAL STD (BRONZ) S195



SHAFT STARING S195



GEAR CASING R180



CRANK PIN METAL STD S1110



CRANK PIN METAL STD (BRONZ) S1110



INDICATOR OIL ASSY S195



FUEL INJECTOR ASSY R175A



FUEL INJECTION VALVE ASSY (CHROME) R175A



FUEL INJECTOR ASSY S 195



FUEL INJECTOR ASSY S1110



GOV SPACER ASSY S1110



ROCKER ARM SET R175A



BALANCING SHAFT S195



BUSH PIN COOPER S1110 SH



BUSH STARTING A S195 SH



CRANK SHAFT S1110



FUEL PUMP ASSY R175A



FUEL PUMP ASSY S195



FUEL PUMP ASSY S1110



FUEL INJECTION PUMP ASSY S1110/S1115



CRANK METAL STD S195



STEEL BALL S195



BREATHER ASSY S195



BUSH GOVERNOR S195



BUSH GOVERNOR S1110



L.O. PUMP ASSY S195



BUSH PIN (IRON)
S195



BUSH PIN (IRON)
S1110



L.O. PUMP ASSY
S1110



L.O. PUMP ASSY
ZH1115



ROTOR O.P. ASSY
S195



ROTOR O.P. ASSY
S1110



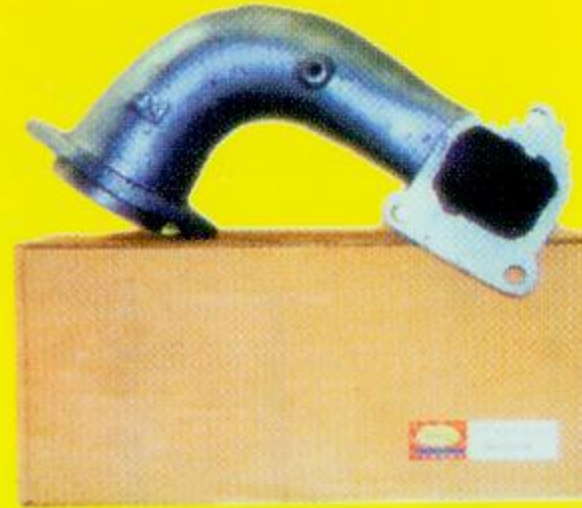
ROTOR O.P. ASSY
ZH1115



SUPPORT R.A. ASSY
S195



ELBOW AIR CLEANER
S195



ELBOW AIR CLEANER
ZH1110



ELBOW SILENCER
S195



ELBOW SILENCER
S1110



CYL. HEAD ASSY
R175A



CYL. HEAD ASSY
R180



CYL. HEAD ASSY S195



CYL. HEAD ASSY
S1110



CYL. HEAD ASSY
S1115



CAM SHAFT S195



CAM SHAFT S1110



FUEL OIL STRAINER ASSY
R100



CYL. LINER
R175A



CYL. LINER
R180



CYL. LINER
S195



CYL. LINER
S1110



VALVE SEAT SET
S195



VALVE SEAT SET
S1110



GEAR CASING
S195



GEAR CASING
S1110



PISTON ONLY R175A



PISTON ONLY R180



PISTON ONLY R100



PISTON ONLY S1110



RING SET STD 175A



RING SET STD R180



RING SET STD R185



RING SET STD S1110



VALVE IN/EX R175A



VALVE IN/EX R180



VALVE IN/EX R185



VALVE IN/EX R100



VALVE IN/EX S1100



VALVE IN/EX S1110



VALVE IN/EX S1115



AIR CLEANER ASSY R175A



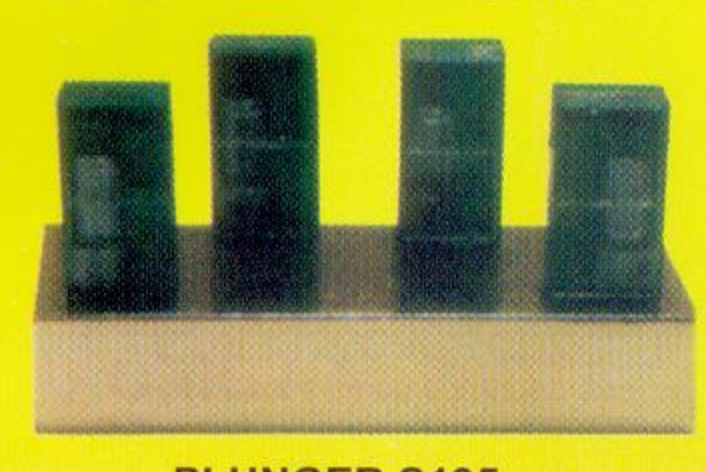
ORING LINER R175



ORING LINER S195



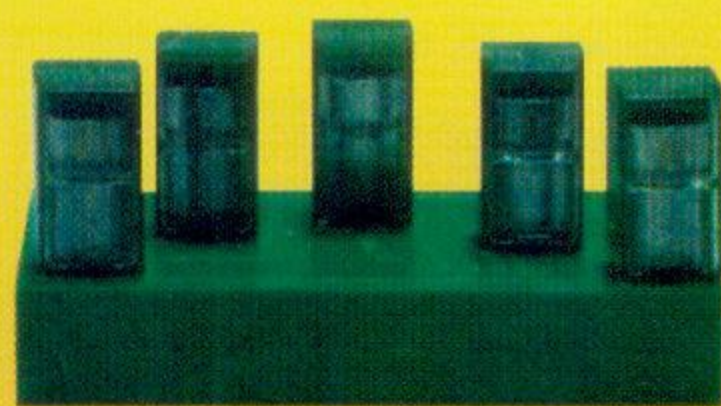
SPRING VALVE S195



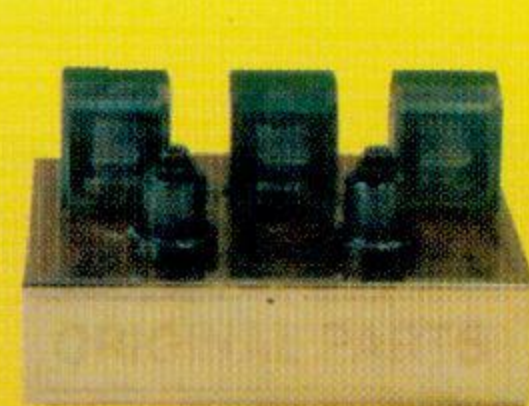
PLUNGER S195



NOZZLE R175A



NOZZLE S195



DELIVERY VALVE S195



L.O. PUMP ASSY (NEW) S195



L.O. PUMP ASSY (NEW) S1110



CYL. BLOCK R175A



CYL. BLOCK S195



PIN PISTON R175A



PIN PISTON R180



PIN PISTON S195



PIN PISTON S1110



ROTOR O.P. ASSY (BLACK) S195



ROTOR O.P. ASSY (BLACK) S1110



TAPPET (BLACK) S195



HOUSING MAIN BEARING S1110



SHAFT GOVERNOR S195



Model R175A
Type Single cylinder horizontal 4-strokes
Combustion Pre Combustion chamber
Bore x Stroke (mm x mm) 75 x 90
Total displacement (cc) 353
Compression ratio 22 +/-1
Rated Output (KW/HP/r/min) 4.41/6/2600
Max. Output (KW/HP/r/min) 4.85/6.6/2600
Specific fuel (g/kw-h) 269.2
Cooling system consumption Hopper
Lubrication system Combined pressure and splashing
Startion System Hand cranking
Net Weight (kg) 60



Model S1100VL
Type Single cylinder horizontal 4-strokes
Combustion Swirl Combustion chamber
Bore x Stroke (mm x mm) 100 x 115
Total displacement (cc) 903
Compression ratio 20 +/-1
Rated Output (KW/HP/r/min) 11.03/15/2000
Max. Output (KW/HP/r/min) 12.15/16.5/2200
Specific fuel (g/kw-h) <257
Cooling system consumption Hopper
Lubrication system Combined pressure and splashing
Startion System Hand cranking
Net Weight (kg) 150



Model R175NL
Type Single cylinder horizontal 4-strokes
Combustion Pre Combustion chamber
Bore x Stroke (mm x mm) 75 x 90
Total displacement (cc) 353
Compression ratio 22 +/-1
Rated Output (KW/HP/r/min) 4.41/6/2600
Max. Output (KW/HP/r/min) 4.85/6.6/2600
Specific fuel (g/kw-h) 269.2
Cooling system consumption Radiator + Lamp
Lubrication system Combined pressure and splashing
Startion System Hand cranking
Net Weight (kg) 65



Model S1100NL
Type Single cylinder horizontal 4-strokes
Combustion Swirl Combustion chamber
Bore x Stroke (mm x mm) 100 x 115
Total displacement (cc) 903
Compression ratio 20 +/-1
Rated Output (KW/HP/r/min) 11.03/15/2000
Max. Output (KW/HP/r/min) 12.15/16.5/2200
Specific fuel (g/kw-h) <257
Cooling system consumption Radiator + Lamp
Lubrication system Combined pressure and splashing
Startion System Hand cranking
Net Weight (kg) 160



Model R180
Type Single cylinder horizontal 4-strokes
Combustion Semi Combustion chamber
Bore x Stroke (mm x mm) 80 x 80
Total displacement (cc) 402
Compression ratio 22 +/-1
Rated Output (KW/HP/r/min) 5.15/7/2600
Max. Output (KW/HP/r/min) 5.67/7.7/2600
Specific fuel (g/kw-h) 271.9
Cooling system consumption Hopper
Lubrication system Combined pressure and splashing
Startion System Hand cranking
Net Weight (kg) 72



Model S1110
Type Single cylinder horizontal 4-strokes
Combustion Direct Injection
Bore x Stroke (mm x mm) 110 x 115
Total displacement (cc) 1093
Compression ratio 17 +/-1
Rated Output (KW/HP/r/min) 13.24/18/2200
Max. Output (KW/HP/r/min) 14.56/22/2200
Specific fuel (g/kw-h) <244.8
Cooling system consumption Hopper
Lubrication system Combined pressure and splashing
Startion System Hand cranking
Net Weight (kg) 130



Model R180NL
Type Single cylinder horizontal 4-strokes
Combustion Swirl Combustion chamber
Bore x Stroke (mm x mm) 80 x 80
Total displacement (cc) 402
Compression ratio 22 +/-1
Rated Output (KW/HP/r/min) 5.15/7/2600
Max. Output (KW/HP/r/min) 5.67/7.7/2600
Specific fuel (g/kw-h) 271.9
Cooling system consumption Radiator + Lamp
Lubrication system Combined pressure and splashing
Startion System Hand cranking
Net Weight (kg) 77



Model S1110NL
Type Single cylinder horizontal 4-strokes
Combustion Direct Injection
Bore x Stroke (mm x mm) 110 x 115
Total displacement (cc) 1093
Compression ratio 17 +/-1
Rated Output (KW/HP/r/min) 13.24/18/2200
Max. Output (KW/HP/r/min) 14.56/22/2200
Specific fuel (g/kw-h) <244.8
Cooling system consumption Radiator + Lamp
Lubrication system Combined pressure and splashing
Startion System Hand cranking
Net Weight (kg) 190



Model R180NL
Type Single cylinder horizontal 4-cycle
Combustion Pre Combustion chamber
Bore x Stroke (mm x mm) 85 x 90
Displacement (cc) 0.511
1 Hr. Output (hp) 9
Rated Speed (rpm) 2200
Fuel Consumption (g/hp-h) <207
Starting Method Hand Cranking
Cooling System Radiator + Lamp
Net Weight (kg) 95
Packing Size (L x W x H) (mm) 810 x 400 x 850



Model S1115
Type Single cylinder horizontal 4-strokes
Combustion Direct Injection
Bore x Stroke (mm x mm) 115 x 115
Total displacement (cc) 1195
Compression ratio 17 +/-1
Rated Output (KW/HP/r/min) 14.70/20/2200
Max. Output (KW/HP/r/min) 16.77/24/2200
Specific fuel (g/kw-h) <244.8
Cooling system consumption Hopper
Lubrication system Combined pressure and splashing
Startion System Hand cranking
Net Weight (kg) 190



Model S195
Type Single cylinder horizontal 4-strokes
Combustion Swirl Combustion chamber
Bore x Stroke (mm x mm) 95 x 115
Total displacement (cc) 815
Compression ratio 20 +/-1
Rated Output (KW/HP/r/min) 8.82/12/2000
Max. Output (KW/HP/r/min) 9.98/13.5/2000
Specific fuel (g/kw-h) <258.4
Cooling system consumption Hopper
Lubrication system Combined pressure and splashing
Startion System Hand Cranking
Net Weight (kg) 145



Model S1115NL
Type Single cylinder horizontal 4-strokes
Combustion Direct Injection
Bore x Stroke (mm x mm) 115 x 115
Total displacement (cc) 1195
Compression ratio 17 +/-1
Rated Output (KW/HP/r/min) 14.70/20/2200
Max. Output (KW/HP/r/min) 16.77/24/2200
Specific fuel (g/kw-h) <244.8
Cooling system consumption Radiator + Lamp
Lubrication system Combined pressure and splashing
Startion System Hand Cranking
Net Weight (kg) 190



Model S195NL
Type Single cylinder horizontal 4-strokes
Combustion Swirl Combustion chamber
Bore x Stroke (mm x mm) 95 x 115
Total displacement (cc) 815
Compression ratio 20 +/-1
Rated Output (KW/HP/r/min) 8.82/12/2000
Max. Output (KW/HP/r/min) 9.98/13.5/2000
Specific fuel (g/kw-h) <258.4
Cooling system consumption Radiator + Lamp
Lubrication system Combined pressure and splashing
Startion System Hand Cranking
Net Weight (kg) 145





SHANHAI DIESEL ENGINE

SINGLE PISTON SERIES - TAKING POWER TO YOUR NEED

MAIN TECHNICAL SPECIFICATION



MODEL	R 175 A / R 175 NL	R 180 / R 185 NL	R 100 / R 100 NL	S 195 / S 195 NL	S 195 B 2	S 195 DI	S 1100 DI	S 1100 / S 1100 NL	S 1100 B 2	S 1110 / S 1110 NL	S 1115 / S 1115 NL
Type	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke	Single cylinder Horizontal 4-stroke
Combustion System	Pre Combustion chamber	Swirl Combustion chamber	Pre Combustion chamber	Swirl Combustion chamber	Swirl Combustion chamber	Direct injection	Swirl Combustion chamber	Swirl Combustion chamber	Swirl Combustion chamber	Direct injection	Direct injection
Bore x Stroke (mm x mm)	75 x 80	80 x 80	80 x 80	90 x 115	90 x 115	95 x 115	100 x 115	100 x 115	100 x 115	110 x 115	110 x 115
Total Displacement (cc)	350	402	0.511	815	815	815	903	903	903	1095	1195
Compression ratio	22.4 : 1	22.4 : 1		20.4 : 1	20.4 : 1	20.4 : 1	20.4 : 1	20.4 : 1	20.4 : 1	17.4 : 1	17.4 : 1
Rated Output (KW/HP/r/min)	4.41 / 6 / 2800	5.16 / 7 / 2800	9	8.82 / 12 / 2000	8.82 / 12 / 2000	8.82 / 12 / 2000	11.03 / 15 / 2200	11.03 / 15 / 2200	11.03 / 15 / 2200	13.24 / 18 / 2200	14.70 / 20 / 2200
Max. Output (KW/HP/r/min)	4.86 / 6.6 / 2600	5.67 / 7.7 / 2600	9	9.90 / 13.5 / 2000	9.90 / 13.5 / 2000	9.90 / 13.5 / 2000	12.53 / 16.5 / 2200	12.53 / 16.5 / 2200	12.53 / 16.5 / 2200	14.96 / 20 / 2200	16.27 / 22 / 2200
Specific fuel (g/kw-h)	209.2	211.9	Hand cranking	<238.4	<238.4	<238.4	<237	<237	<237	<244.8	<244.8
Cooling System consumption	Hopper / Radiator Lampu	Hopper / Radiator Lampu	Hopper / Radiator Lampu	Hopper / Radiator Lampu	H o p e r	H o p e r	H o p e r	Hopper / Radiator Lampu	H o p e r	Hopper / Radiator Lampu	Hopper / Radiator Lampu
Lubrication system	Controlled Pressure and Spraying	Controlled Pressure and Spraying	Controlled Pressure and Spraying	Controlled Pressure and Spraying	Controlled Pressure and Spraying	Controlled Pressure and Spraying	Controlled Pressure and Spraying	Controlled Pressure and Spraying	Controlled Pressure and Spraying	Controlled Pressure and Spraying	Controlled Pressure and Spraying
Starting System	Hand cranking	Hand cranking	Hand cranking	Hand cranking	Hand cranking	Hand cranking	Hand cranking	Hand cranking	Hand cranking	Hand cranking	Hand cranking
Net Weight (kg)	60 / 65	72 / 77	95	145	145	145	150 / 160	150 / 160	150 / 160	180 / 190	190
Rated Speed (rpm)			2200								
Fuel Consumption (g/hp.h)			<207								
Packing Size (LxWxH) (mm)			810 x 400 x 650								
Crank Shaft	Bearing	Bearing	Bearing	Bearing	Bearing	Bearing	Bearing	Bearing	Bearing	Bearing	Bearing

REMARK : SUBJECT TO CHANGE WITHHOUT NOTICE

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