

SPARE PARTS FOR AUXILIARY DIESEL ENGINES

(Type 30/45.E. - 105KW. 2r)

Piece	Subject
4	Connecting rod complete
6	Bearing for connecting rod, upper
2	Bearing for connecting rod, lower with bolts
2	Bolts with nuts and splint for connecting rod bearing
2	Piston, complete
1	Mushroom for piston
1	Threadscrew for piston
15	Packings for mushroom
6	Piston rings
12	Piston rings for stripping of oil
2	Coupling bolts for crank shaft
12	Main brass, upper and lower brass
2	Main bearing brasses
2	Studs with castellated nuts for main bearings
12	Liner for working cylinder
3	Cylinder covers complete with valves
3	Exhaust valve complete
4	Spindles for exhaust valve
4	Valve seats for exhaust valve
4	Cones for exhaust valve
4	Valve springs for exhaust valve
3	Admission valve complete
4	Spindles for admission valve
4	Valve seats for admission valve
4	Springs for admission valve
3	Fuel valve, complete
4	Fuel needles
4	Springs for fuel valve pump
1	Atomizer
18	Nozzle plates with nuts
4	Packings rings out wrought iron
14	" " " " " "
13	Starting valve complete
3	Spindles for starting valve and regulator
12	Springs for starting valve
13	Safety valve complete
1	Cones for safety valve
12	Springs for safety valve
24	Rollers for valve levers
34	Bolzen for valve levers
72	Fuel cams with bolts
2	Bearing head and bearing shells of to horizontalen regulating shaft.
2	Screw wheels for crank shaft
2	" " " governor shaft
2	" " " cams shaft
2	" " " of to fram
2	" " " center governing shaft
Several	Bushes with piston to starting system
3	Governer springs
3	Plunger for fuel pump
3	Bushes for Fuel pump
3	Delivery valve for fuel pump
3	Suction valve for fuel pump
	Delivery valve springs
	Suction " "
	Crosshead with bolts for fuel pump
3	Rollers for fuel pump levers
3	Bolts for Fuel pump levers
2-1/2	Bearings for connecting rod, upper for compressor
4-1/2	Bearings for connecting rod, lower " "
2	Bolts with nuts for connecting rod bearing
1	Compressor piston complete
1	Height delivery liner
15	Piston rings, stage 1

Springs

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Piece Subject ARE PARTS FOR AUXILIARY DIESEL ENGINE

12	Piston rings, stage 11	for Compressor
33	" " " 111	
6	Valves, stage 1	
6	" " " 11	
6	" " " 111	
8	Valve plates, stage 1	connecting rod, upper
8	" " " 11	lower with bolts
8	" " " 111	connecting rod bearing
24	Valve springs, stage 1	
24	" " " 11	
12	" " " 111	
2	Valves - stage 1	
2	" " " 11	
2	" " " 111	
1	Piston for cooling water pump	
1	Bearing bushes for piston	
1	Bearing shells	
1	Piston liner for cooling water pump	
1	Valve for cooling water pump	
1	Springs for cooling water pump	
4	Screw wheels for lubricating pump	
12	Bearing shells for lubricating pump	
1	Breaking plates	
1	Cones for blast air system	
1	Cones for drainage	
1	Cones for arbor valve	
1	Wire gauze plates for oil filter	
1	Several Packings	
1	Several Springs	
1	Several screws (cylinder cover screws)	
3	Several screwed pip-cooling	
3	Fuel and blast air pipe	
1	Regulator valve of to lubricating pump	
1	Valve for cooling water pump	
1	" " " " "	
1	" " " " "	
1	Safety valve adjustable	
2	Fuel pump with drive	
1	" " " " "	
1	" " " " "	
3	Drag link between fuel pump and regulator	
1	Regulator	
1	Bearing to horizontal eccentric shaft	
1	Starting system	
1	Fuel valve	
2	" " " " "	
3	Admission and exhaust valves	
72	Copper packings	

Springs.

(intermediate gear)
Screw gear of the governing shaft
Bearing cap for governing shaft
Bearing shells for governing bearing
Rollers for regulating lever
Bolts for regulating lever
Governor springs
Plunger for fuel pump
Bushes for fuel pump
Delivery valve for fuel pump
Suction valve for fuel pump
Springs for delivery valve
Crosshead for fuel pump
Bearing for connecting rod
Bearing for
Bolts with nuts for connecting rod
Compressor piston
Piston socket
Piston ring

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