

NAME

MOTOR SHIPS

NAME

"ROTULA"

7E

PORT MAIN ENGINE	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12
Cylinders, Pistons, Rods, Valves and Gears ¹⁻²												
Connecting Rods, Top ends and Guides ³												
Crankpins and Bearings ⁴												
Journals and Bearings ⁵												
Compressors on Main Engine ⁶⁻⁹												
Scavenge Pumps or Blowers ¹¹⁻¹⁶												
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹												
Magnetic Coupling ⁷												
Thrust ²³												
Holding Down Bolts & Chocks ²⁵												
Main Engine Driven Pumps ³⁰												

ELECTRIC PROPULSION

PORT

STARBOARD

Generators ^a		
Exciters ^b		
Air Coolers ^c		
Motors ^d		
Air Coolers ^e		
Control Gear ^f		
Insulation Resistance ^g		
Insulating Oil Test ^h		
Overspeed Governors ⁱ		

AUXILIARY ELECTRICAL EQUIPMENT

80 KW

Generators ^j		
Motors ^m		
Switchboards ⁿ		
Circuit Breakers ^o		
Cables ^p		
Insulation Resistance ^q		
Steering Gear ^r		
Navigation Light Indicators ^s		

STARBOARD MAIN ENGINE	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12
Cylinders, Pistons, Rods, Valves and Gears ¹⁻²	5,54	7,57	7,57			3,55						
Connecting Rods, Top ends and Guides ³	3,55	7,57	576	576	576	576	7,57	3,55				
Crankpins and Bearings ⁴	3,55			7,57	7,57			576				
Journals and Bearings ⁵	7,57	7,57		576	576				5,54	5,54		
Compressors on Main Engine ⁶⁻⁹												
Scavenge Pumps or Blowers ¹¹⁻¹⁶												
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹												
Magnetic Coupling ⁷												
Thrust ²³												
Holding Down Bolts & Chocks ²⁵												
Main Engine Driven Pumps ³⁰												
Bilge												
Ballast												
Fuel Transfer												
Fuel Service												
Cyl. Cooling												
Piston Cooling												
Feed												
Cond. Circulating												
F.W. Coolers ³⁶												
Lub. Oil Coolers ³⁶												
Other Pumps having Bilge Connections												
Bilge, Ballast and O.F. Lines ³⁹												
Other Piping Arrgts. and Fittings ⁴¹												
Condenser ⁴⁰												
Evaporator ⁴² Safety Valves ⁴³												
Oil Fuel Tanks ⁴⁴												
Steering Machy. ⁴⁴												
Indep. Air Compressors ⁴⁵												
Main Air Receivers ⁴⁶												
Auxiliary Air Receivers ⁴⁶												
AUXILIARY ENGINES												
1- oil engine at 40KW.												
Oil Eng.												
7,57												
STEAM												
3,55												
1 steam engine @ 40KW												



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