

NAME

DURHAM

MOTOR SHIPS

NAME

DURHAM.

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}	850	3.56	1.56	12.56	4.57	6.57	6.56	7.57	3.56			
Connecting Rods, Top ends and Guides ³	11.57	3.56	12.59	12.59	4.57			10.56	3.56			
Crankpins and Bearings ⁴	11.57	3.56	1.60	10.56	11.57			10.56				
Journals and Bearings ⁵												
Compressors on Main Engine ^{6,9}												
Scavenge Pumps or Blowers ^{11,16}	(1)				6.58							
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹												
Magnetic Coupling ⁷												
Thrust ²³	6.58	10.57										
Holding Down Bolts & Chocks ²⁵	10.56	6.58										
Main Engine Driven Pumps ³⁰	Bilge		S.W. Cooling	F.W. Cooling	Lub. Oil	Fuel						

ELECTRIC PROPULSION	PORT	STARBOARD
Generators ²		
Exciters ³		
Coolers ⁴		
Motors ⁵		
Coolers ⁶		
Control Gear ⁷		
Insulation Resistance ⁸		
Insulating Oil Test ⁹		
Over-speed Governors ¹⁰		

AUXILIARY ELECTRICAL EQUIPMENT
Generators ¹
Motors ²
Switchboards ³
Circuit Breakers ⁴
Relays ⁵
Insulation Resistance ⁶
Steering Gear ⁷
Navigation Light Indicators ⁸

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}	6.59	4.57	6.57	6.56	12.56	4.57	7.57	12.56	2.57			
Connecting Rods, Top ends and Guides ³	10.57	12.59		11.57		12.59	4.57	10.56	3.56			
Crankpins and Bearings ⁴	11.57	1.60	11.57									
Journals and Bearings ⁵	11.57			11.57								
Compressors on Main Engine ^{6,9}												
Scavenge Pumps or Blowers ^{11,16}	(1)											
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹												
Magnetic Coupling ⁷												
Thrust ²³		6.58										
Holding Down Bolts & Chocks ²⁵	10.56	6.58										
Main Engine Driven Pumps ³⁰	Bilge		S.W. Cooling	F.W. Cooling	Lub. Oil	Fuel						
			centre main 3.56									
			AFT 4.57									
Independent Pumps ³²	Bilge (2)	Ballast	Fuel Transfer	Fuel Service								
	Port - 6.59		F/A 4.57									
	Starb - 4.57	6.58	A 6.58									
	Cyl. Cooling centre main	Piston Cooling centre main	Lub. Oil (3) centre Lub. Pump	Fuel Valve Cooling								
	off-main SW. 4.57	3.56 Centre Main SW. 7.59	3.56, 6.59									
	F (SW) - 4.58	For 4.57	Starb 4.57									
	Feed	A. P. J. 6.58	P. 6.58									
	F & A. - 6.59	Cond. Circulating	F.W. Coolers ³⁶	Lub. Oil Coolers ³⁶								
		6.58	6.58	6.58								
Other Pumps having Bilge Connections		G. S. 6.58										
Bilge, Ballast and O.F. Lines ³³		6.58										
Other Piping Arrgts. and Fittings ³⁴												
Condenser ³⁵	4.59	Evaporator ³⁵	4.59	6.58								
Oil Fuel Tanks ³⁷	6.58											
Steering Machy. ³⁸	6.58	Windlass ³⁹	12.58									
Indep. Air Compressors ⁴⁰	2 Electric. 3.56	Steam 6.58	5.12.58									
Main Air Receivers ⁴¹	1 small steam 10.56	Port 10.56	Steam 10.56									
	Port F & A 10.56	F & S 4.57	A & S 4.57									
AUXILIARY ENGINES	Started Forward	Started aft.	Port aft.	Steam.								
3,000 kW each	New 10.56	New 10.56	12.58	9.59								
1 @ 200 kW.	3.59											



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