NAME KLAN

# MOTOR SHIPS

NAME KLAN

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] | | Compr. Coolers[10] | |
| Scavenge Pumps or Blowers[11-16] | | | |
| Supercharger[17] | | | |
| Clutch or Hydraulic Coupling[21] | | Gearing[22] | |
| Magnetic Coupling[f] | | Air Gap[k] | |
| Thrust[23] | Intermediate Shafting[24] | | |
| Holding Down Bolts & Chocks[25] | Crankcase Relief Devices[31] | Engine Tested | |

| Main Engine Driven Pumps[30] | Bilge | S.W. Cooling | F.W. Cooling | Lub. Oil | Fuel |
|---|---|---|---|---|---|
| | | | | | |

| 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

| | |
|---|---|
| Generators[l] 6.55 | |
| Motors[m] | |
| Switchboards[n] | |
| Circuit Breakers[o] | |
| Cables[p] | |
| Insulation Resistance[q] | |
| Steering Gear[r] | Navigation Light Indicators[s] |

7.55

| ~~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] | 5.56 | 7.56 1.56 | 1.56 | 1.56 | 1.56 | 7.56 | | | | | | |
| Connecting Rods, Top ends and Guides[3] | 5.56 | 7.56 | 1.56 1.56 | 1.56 | 1.56 1.56 | 7.56 | | | | | | |
| Crankpins and Bearings[4] | 5.56 | 1.56 7.56 | 1.56 1.56 | ~~1.56~~ 1.59 X | 1.56 1.56 | 7.56 | | | | | | |
| Journals and Bearings[5] | 7.56 | 7.56 | 5.56 | 7.56 | 7.56 | 7.56 | 5.56 | all 4.58 | | | | |

checked 2 SEP 1958

all 6.55

| | | | |
|---|---|---|---|
| Compressors on Main Engine[6-9] ① 1.56 | 1.59 | Compr. Coolers[10] 1.56 | 1.59 |
| Scavenge Pumps or Blowers[11-16] | | | |
| Supercharger[17] | | | |
| Clutch or Hydraulic Coupling[21] | | Gearing[22] | |
| Magnetic Coupling[f] | | Air Gap[k] | |
| Thrust[23] 5.56 | 1.59 | Intermediate Shafting[24] 5.56 | |
| Holding Down Bolts & Chocks[25] 6.55 | 1.59 | Crankcase Relief Devices[31] NONE | Engine Tested |

| Main Engine Driven Pumps[30] all 6.55 | Bilge ① 1.56 1.59 | S.W. Cooling ① 1.56 1.59 | F.W. Cooling | Lub. Oil 6.55 | Fuel |
|---|---|---|---|---|---|

Independent Pumps[32]

| | | | |
|---|---|---|---|
| Bilge 1.59 | Ballast GS. 1.56 | Fuel Transfer X 1.59 | Fuel Service |
| ~~Cyl. Cooling FW~~ X | Piston Cooling SW X | Lub. Oil 1.59 | Fuel Valve Cooling |
| Feed | Cond. Circulating | ~~F.W. Coolers[34]~~ X | Lub. Oil Coolers[36] 1.59 6.55 |
| Other Pumps having Bilge Connections | | | |

| | | | |
|---|---|---|---|
| Bilge, Ballast and O.F. Lines[33] / Other Piping Arrgts. and Fittings[34] | 1.59 | | Propellers and Sea Connections 4.58 |
| Condenser[26] | | Evaporator[42] Safety Valves[43] | Steam Pipes Over 3in. Bore |
| Oil Fuel Tanks[41] X | 1.59 | | Oil Burning Arrgts. |
| Steering Machy.[44] 1.56 | 7.56 | Windlass[45] 7.56 | Fire Ext. Arrgts.[46] X |
| Indep. Air Compressors[38] | X 1.59 | | Comp. Coolers |
| Main Air Receivers[39] 2 Both 7.56 | | Auxiliary Air Receivers[40] | |

| AUXILIARY ENGINES | Port Fwd | Starbd Fwd aft? | Port aft | SF |
|---|---|---|---|---|
| 1-2cyl P.F | 6.55 | 6.55 1.56 | 6.55 1.56 | 5.56 |
| 1-6cyl SF | 1.59 | | | |
| 1-4cyl P.A 28KW | | | | |

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