

SPECIFICATIONS: MARINE APPLICATION

TYPE	8 CYLINDER, 63.5° VEE, 2 CYCLE DIESEL 567.4 CU. IN. DISPLACEMENT
MODEL	7082-7000 RH (STARBOARD UNIT SHOWN) 7082-3000 LH (PORT UNIT OPPOSITE ROTATION)
PROPELLER SHAFT ROTATION: (AS VIEWED FROM OUTPUT FLANGE)	
STARBOARD UNIT	CLOCKWISE (FOR R.H. PROPELLER)
PORT UNIT	COUNTERCLOCKWISE (FOR L.H. PROPELLER)
WEIGHT DRY:	3100 LB. APPROX.
REVERSE AND REDUCTION GEAR	
TYPE	ALLISON M & MH (HYDRAULIC)
REDUCTION RATIO	1.0:1, 1.5:1, 2.0:1 (M SERIES) 1:1, 1.5:1, 2.0:1, 2.5:1, 3.0:1, 3.7:1, 4.5:1 (MH SERIES)
LUBE OIL CAPACITY	M GEAR 6 QTS. MH GEAR 8-1/2 QTS
ELECTRICAL SYSTEM	12, 24, or 32 VOLT
MAXIMUM INSTALLATION ANGLE	15°
ENGINE LUBE OIL PAN CAPACITY (APPROX.)	23 QT. - 0°-15° INSTALLATION ANGLE (DEEP PAN) 17 QT. - 0°-10° INSTALLATION ANGLE (SHALLOW PAN)

	INTERMITTENT (PLEASURE CRAFT)	CREW BOAT & (PLEASURE CRAFT)	CONTINUOUS (WORK BOAT)
RATING (85°F., 29.0 IN.HG.(DRY) BAROMETER,SAE)	① 325 SHP @ 2300 RPM	270 @ 2100 RPM	230 SHP @ 1800 RPM
AIR CONSUMPTION	950 CFM	870 CFM	750 CFM
SUGGESTED MINIMUM ENGINE ROOM VENT AREA	91 IN ²	84 IN ²	72 IN ²
COOLING SYSTEM (HEAT EXCH. OR KEEL COOLING OPTIONAL)			
HEAT REJECTION TO COOLANT	11,830 BTU/MIN.	9,980 BTU/MIN.	8,500 BTU/MIN.
FRESH WATER CAPACITY	15 GALLONS	15 GALLONS	15 GALLONS
FRESH WATER FLOW(TO KEEL COOLER)	129 GPM	116 GPM	92 GPM
MAXIMUM PRESSURE DROP THROUGH KEEL COOLER	6 PSI	6 PSI	6 PSI
RAW WATER FLOW	105 GPM	98 GPM	88 GPM
MAXIMUM INLET RESTRICTION AT PUMP	5 IN.HG.	5 IN.HG.	5 IN.HG.
MAXIMUM PUMP PRESSURE	10 PSI	10 PSI	10 PSI
SUGGESTED PIPE SIZE	2 1/2 IN.	2 1/2 IN.	2 1/2 IN.
SUGGESTED SEA STRAINER SIZE - SIMPLEX	3 IN.	3 IN.	3 IN.
	4 IN.	4 IN.	4 IN.
FUEL SYSTEM:			
FUEL CONSUMPTION	20.6 GPH	16.1 GPH	13.2 GPH
PUMP FLOW	90 GPH	90 GPH	90 GPH
MAXIMUM INLET RESTRICTION AT PUMP	6 IN.HG.(CLEAN FIL.)	6 IN.HG.(CLEAN FILTER)	6 IN.HG.(CLEAN FILTER)
SUGGESTED PIPE SIZE	1/2 IN.(5/8" TUBING)	1/2 IN.(5/8" TUBING)	1/2 IN.(5/8" TUBING)
EXHAUST SYSTEM:			
GAS FLOW	67.5 LB/MIN.	61.5 LB/MIN.	53.1 LB/MIN.
TEMPERATURE	930°F.	800°F.	730°F.
MAXIMUM EXHAUST BACK PRESSURE AT MPD. OUTLET	5.5 IN.HG.	4.4 IN.HG.	3.3 IN.HG.
SUGGESTED PIPE SIZE-TWIN	4 IN.	4 IN.	3 1/2 IN.
SINGLE	6 IN.	5 IN.	5 IN.
SUGGESTED EXHAUST SILENCER SIZE-TWIN	5 IN.	5 IN.	4 IN.
SINGLE	6 IN.	6 IN.	6 IN.

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