SPECIFICATIONS: MARINE APPLICATION

TYPE	8 CYLINDER, 63.5° VEE, 2 CYCLE DIESEL		
MODEL	8082-7000 RH (STARBOARD UNIT SHOWN) 8082-3000 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:	3480 LB.		3800 LB. APPROXIMATELY
REVERSE & REDUCTION GEAR	ALLISON MH		TWIN DISC MG-514
TYPE	1.5, 2.0, 2.5		4.13:1, 4.50:1, 5.16:1, 6:1
LUBE OIL CAPACITY	8-1/2 QUARTS		32 QUARTS
ELECTRICAL SYSTEM	12, 24, OR 32 VOLT		
MAXIMUM INSTALLATION ANGLE	10°		
ENGINE LUBE OIL PAN CAPACITY (APPROX.)	24.5 QT -10° INSTALLATION ANGLE		
	MAXIMUM (PLEASURE CRAFT)	INTERMITTENT (CREW BOAT)	CONTINUOUS (WORK BOAT)
RATING (85°F, 29.0 IN. HG. (DRY BAROMETER, SAE)	385 BHP @ 2300 RPM (375 SHP)	360 BHP @ 2100 RPM (350 SHP)	310 BHP @ 1800 RPM (300 SHP)
INJECTOR SIZE	9285	9280	9275
AIR CONSUMPTION	1260 CFM	1155 CFM	990 CFM
SUGGESTED MINIMUM ENGINE ROOM VENT AREA	121 IN^2	111 IN^2	95 IN^2
COOLING SYSTEM (HEAT EXCH. OR KEEL COOLING OPT.)			
HEAT REJECTION TO COOLANT	13,090 BTU/MIN	12,240 BTU/MIN.	10,540 BTU/MIN
FRESH WATER CAPACITY	14 GALLONS	*	*
FRESH WATER FLOW (TO KEEL COOLER)	180 GPM	165 GPM	140 GPM
MAXIMUM PRESSURE DROP THROUGH KEEL COOLER	6 PSI	*	*
RAW WATER FLOW	100 GPM	94 GPM	82 GPM
MAXIMUM INLET RESTRICTION AT PUMP	5 IN. HG.	*	*
MAXIMUM PUMP PRESSURE	10 PSI	*	*
SUGGESTED PIPE SIZE	2-1/2 IN.	*	*
SUGGESTED SEA STRAINER SIZE - SIMPLEX	3 IN.	*	*
DUPLEX	4 IN.	*	*
FUEL SYSTEM:			
FUEL CONSUMPTION	24.2 GPH	21.2 GPH	17.5 GPH
PUMP FLOW	90 GPH	*	*
MAXIMUM INLET RESTRICTION AT PUMP	6 IN. HG. (CLEAN FILTER)	*	*
SUGGESTED PIPE SIZE	1/2 IN (5/8" TUBING)	*	*
EXHAUST SYSTEM:			
GAS FLOW	88.8 LB/MIN.	81.4 LB/MIN.	69.8 LB/MIN
TEMPERATURE	965°F	905°F	850°F
MAXIMUM EXHAUST BACK PRESSURE AT MFD. OUTLET	5.5 IN. HG.	4.5 IN. HG.	3.3 IN. HG.
SUGGESTED PIPE SIZE-TWIN	4 IN.	*	*
SINGLE	6 IN.	*	*

*SAME AS MAXIMUM RATING

LATEST REVISION DATE

NO. 5102276