

SPECIFICATIONS: MARINE APPLICATIONS

TYPE	8 CYLINDER, 63.5 ⁰ VEE 2 CYCLE DIESEL. TURBOCHARGED AND INTERCOOLED 567.4 CU. IN. DISPLACEMENT	
MODEL	7082-7300 R.W. (STARBOARD UNIT SHOWS) 7082-7300 L.W. (PORT UNIT OPPOSITE ROTATION)	
PROPELLER SHAFT ROTATION: (AS VIEWED FROM OUTPUT FLANGE)	CLOCKWISE (FOR R.H. PROPELLER) COUNTER-CLOCKWISE (FOR L.W. PROPELLER)	
STARBOARD UNIT		
PORT UNIT		
WEIGHT DRY:	3430 LBS. APPROX.	
WEIGHT WET:	3630 LBS. APPROX.	
REVERSE AND REDUCTION GEAR	ALLISON M (HYDRAULIC)	
TYPE	1.52:1, 2.05:1	
REDUCTION RATIO	M GEAR & QTS.	
LUBE OIL CAPACITY		
ELECTRICAL SYSTEM	12, 24, 32 VOLT	
MAXIMUM INSTALLATION ANGLE	15 ⁰	
ENGINE LUBE OIL PAN CAPACITY (APPROX.)	24.5 QT. - 0 ⁰ -15 ⁰ INSTALLATION ANGLE (DEEP PAN)	
RATING (85 ⁰ F., 29.00 IN. HG. (DRY) BAROMETER)	<u>MARINE INTERMITTENT</u> N70 INJECTORS 340 SHP @ 2100 RPM	<u>MARINE MAXIMUM</u> N90 INJECTORS 450 SHP @ 2300 RPM
AIR CONSUMPTION	1290 CFM	1560 CFM
SUGGESTED MINIMUM ENGINE ROOM VENT AREA	124 IN. ²	150 IN. ²
COOLING SYSTEM (HEAT EXCH.):		
HEAT REJECTION TO COOLANT	12,900 BTU/MIN.	17,075 BTU/MIN.
FRESH WATER CAPACITY	17 1/4 GALS.	17 1/4 GALS.
FRESH WATER FLOW	140 GPM	150 GPM
RAW WATER FLOW	100 GPM	107 GPM
MAXIMUM INLET RESTRICTION AT PUMP	5 IN. HG.	5 IN. HG.
MAXIMUM PUMP PRESSURE	10 PSI	10 PSI
SUGGESTED PIPE SIZE	2 1/2 IN.	2 1/2 IN.
SUGGESTED SEA STRAINER SIZE - SIMPLEX	3 IN.	3 IN.
- DUPLEX	4 IN.	4 IN.
FUEL SYSTEM:		
FUEL CONSUMPTION	18.5 GPH	25.4 GPH
PUMP FLOW	90 GPH	90 GPH
MAXIMUM INLET RESTRICTION AT PUMP	6 IN. HG. (CLEAN FILTER)	6 IN. HG. (CLEAN FILTER)
SUGGESTED PIPE SIZE	1/2 IN. (5/8 IN. TUBING)	1/2 IN. (5/8 IN. TUBING)
EXHAUST SYSTEM:		
GAS FLOW	93 LB./MIN.	113 LB./MIN.
TEMPERATURE	670 ⁰ F	670 ⁰ F
MAX. EXH. BACK PRESS. AT TURBO OUTLET	3.0 IN. HG.	3.0 IN. HG.
SUGGESTED PIPE SIZE - TWIN	5 IN.	5 IN.
- SINGLE	8 IN.	8 IN.
SUGGESTED EXH. SILENCER SIZE - TWIN	6 IN.	6 IN.
- SINGLE	8 IN.	8 IN.

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 PART NUMBER 6-19-79

SHEET 2 OF 2



8V-71, II
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