

SPECIFICATION: MARINE APPLICATION

TYPE

6 CYLINDER 2 CYCLE DIESEL

MODEL

5062-3000, 5062-7000

PROPELLER SHAFT ROTATION:

(AS VIEWED FROM OUTPUT FLANGE)

PORT UNIT

COUNTER CLOCKWISE (FOR L.H. PROPELLER)

STARBOARD

CLOCKWISE (FOR R.H. PROPELLER)

WEIGHT DRY:

1865 LBS.

REVERSE AND REDUCTION GEAR:

TYPE

WARNER SEMI'S 73; 7" IN

REDUCTION RATIO

DIRECT (WARNER - 1:1, 1.5:1, 2:1, 3:1)

LUBE OIL CAPACITY

3 QTS. DIRECT DRIVE, 4 QTS. WITH REDUCTION GEAR

ELECTRICAL SYSTEM

12 VOLT OR 32 VOLT

MAXIMUM INSTALLATION ANGLE

12°

ENGINE LUBE OIL CAPACITY

14 QTS. (0-17°) DEEP OIL PAN (MARKED DIPSTICK)
(0-10°) SHALLOW OIL PAN (MARKED DIPSTICK)

PLEASURE CRAFT
(INTERMITTENT)

CREW BOAT

WORK BOAT

RATING (85°F., 29.0 IN. HG. (DRY) BAR., SAE

197 SHP @ 2800 RPM (N50 INJ.)

173 SHP @ 2500 RPM (N43 INJ.)

148 SHP @ 2400 RPM (N40 INJ.)

AIR CONSUMPTION

675 CFM

600 CFM

575 CFM

SUGGESTED MINIMUM ENGINE ROOM VENT AREA

65 IN²

57.6 IN²

55.2 IN²

COOLING SYSTEM (H.E. OR KEEL COOLING OPT.)

HEAT REJECTION TO COOLANT

7800 BTU/MIN

7300 BTU/MIN

6400 BTU/MIN

FRESH WATER CAPACITY

7 1/2 GAL.

7 1/2 GAL.

7 1/2 GAL.

FRESH WATER FLOW (TO KEEL COOLER)

84 GPM.

82 GPM.

73 GPM.

MAXIMUM PRESSURE DROP THROUGH KEEL COOLER

6 PSI

6 PSI

6 PSI

RAW WATER FLOW

77 GPM

76 GPM

74 GPM

MAXIMUM INLET RESTRICTION AT R.W. PUMP

5 IN. HG.

5 IN. HG.

5 IN. HG.

MAXIMUM R.W. PUMP PRESSURE

10 PSI

10 PSI

10 PSI

SUGGESTED R.W. PIPE SIZE

2 IN.

2 IN.

2 IN.

SUGGESTED SEA STRAINER SIZE - SIMPLEX

2.5 IN.

2.5 IN.

2.5 IN.

SUGGESTED SEA STRAINER SIZE - DUPLEX

3.0 IN.

3.0 IN.

3.0 IN.

FUEL SYSTEM:

FUEL CONSUMPTION

12.3 GPH

10.5 GPH

9.0 GPH

PUMP FLOW

60 GPH

60 GPH

60 GPH

MAXIMUM INLET RESTRICTION AT PUMP

6 IN. HG.

6 IN. HG.

6 IN. HG.

(CLEAN FILTERS)

1/2 IN.

1/2 IN.

1/2 IN.

SUGGESTED PIPE SIZE

1/2 IN.

1/2 IN.

1/2 IN.

EXHAUST SYSTEM:

GAS FLOW

47.6 LBS/MIN

42.3 LBS/MIN

40.5 LBS/MIN

TEMPERATURE

880°F.

820°F.

725°F.

MAXIMUM EXHAUST BACK PRESSURE AT

5.5 IN. HS.

4.0 IN. HG.

3.6 IN. HG.

MFD. OUTLET (FULL LOAD)

3 1/2 IN.

3 1/2 IN.

3 1/2 IN.

SUGGESTED PIPE SIZE - DUAL

5 IN.

5 IN.

5 IN.

SUGGESTED PIPE SIZE - SINGLE

4 IN.

4 IN.

4 IN.

SUGGESTED EXHAUST SILENCER SIZE - DUAL

5 IN.

5 IN.

5 IN.

REVISION DATE

LATEST

5148823

10-12-73