

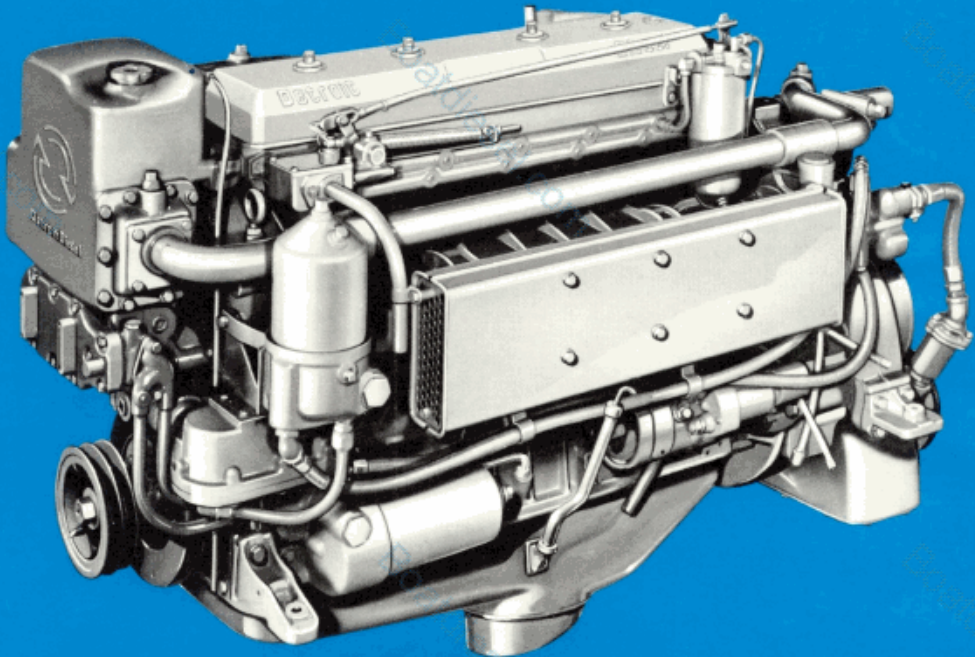
Detroit Diesel Engines

marine models

6-71
265 hp

6-71M
280 hp

6-71M
(low-profile)
280 hp



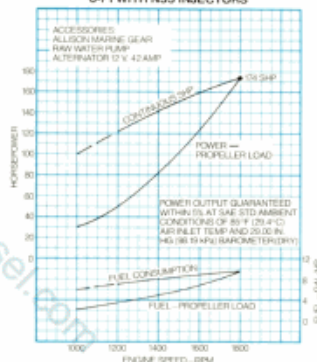
Typical 6-71
Marine Model

specifications

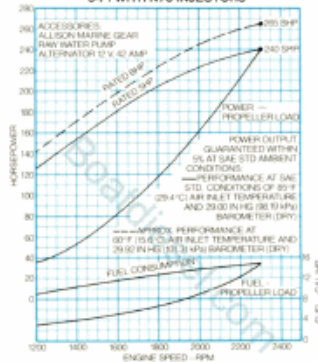
Basic Engine	6-71 N55 Injectors	6-71 N70 Injectors	6-71M N80 Injectors
Model			
Port	1062-3000	1062-3000	1062-3001
Starboard	1062-5000	1062-5000	1062-5000, 1062-6001 (low-profile)
Engine Type	Two Cycle	Two Cycle	Two Cycle
Number of Cylinders	6	6	6
Bore and Stroke	4.25 in x 5 in (108 mm x 127 mm)	4.25 in x 5 in (108 mm x 127 mm)	4.25 in x 5 in (108 mm x 127 mm)
Displacement	426 cu in (6.99 liters)	426 cu in (6.99 liters)	426 cu in (6.99 liters)
Rated Gross Power: 60°F (15.6°C) and 29.92 in Hg (101.31 kPa) Barometer (Dry)	185 BHP (138 kW) @ 1800 RPM	265 BHP (198 kW) @ 2300 RPM	280 BHP (209 kW) @ 2300 RPM
Rated Net Power: SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Barometer (Dry)	—	240 SHP (179 kW) @ 2300 RPM	257 SHP (192 kW) @ 2300 RPM
Continuous Net Power: SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Barometer (Dry)	174 SHP (130 kW) @ 1800 RPM	—	—
Compression Ratio	18.7 to 1	18.7 to 1	18.7 to 1
Net Weight (Dry)	2740 lbs (1243 kg)	2740 lbs (1243 kg)	2740 lbs (1243 kg) 2270 lbs (1030 kg) (low-profile)

performance

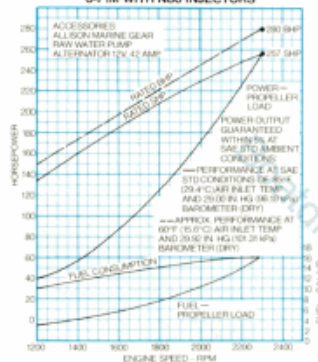
ENGINE PERFORMANCE
6-71 WITH N55 INJECTORS



ENGINE PERFORMANCE
6-71 WITH N70 INJECTORS



ENGINE PERFORMANCE
6-71M WITH N80 INJECTORS



Rating Explanation

RATED BHP—Basic engine gross power.

RATED SHP—Net power available at the marine gear output shaft.

CONTINUOUS SHP—Net power available at the marine gear output shaft for continuous duty or workboat applications.

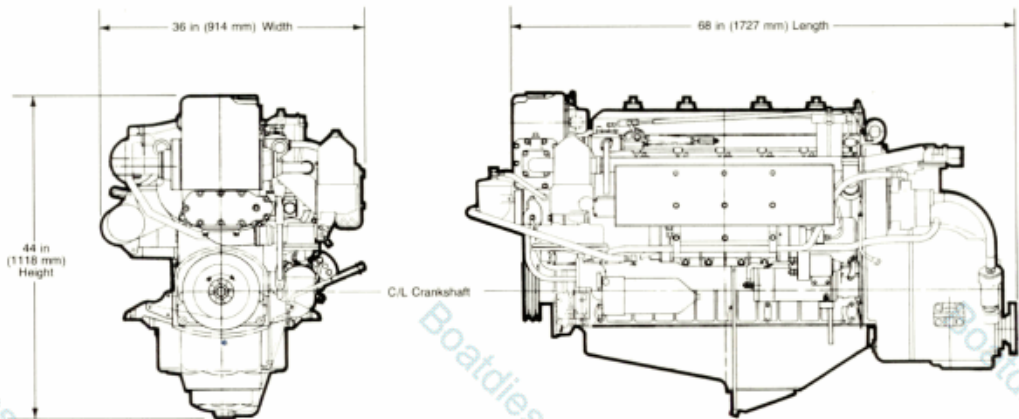
PROPELLER LOAD—Indicates horsepower

absorbed by a typical propeller and the corresponding fuel consumption throughout the speed range.

MARINE ENGINE RATING—The use of the ratings i.e. maximum, intermittent and continuous; varies with type of vessel in which the engine is installed. See your Detroit Diesel Allison distributor for the rating that will apply to your vessel.

principal dimensions

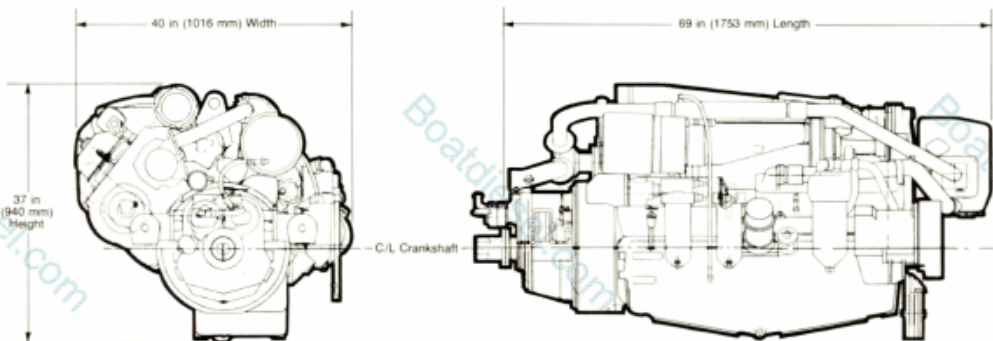
Model 1062-5000



Approximate dimensions shown.

For complete dimensional information, refer to installation drawing 25A-219 for Models 1062-3000, 1062-3001, and drawing 25A-218 for Models 1062-5000, 1062-5001.

Model 1062-6001 (low-profile)



Approximate dimensions shown.

For complete dimensional information, refer to installation drawing 25A-222.

standard equipment

Air Box Drain Tubes

Air Inlet Housing

Air Silencer

Alternator—12 volt, 42 amp, Models 1062-3000, 1062-3001, 1062-5000, and 1062-5001 only

Crankshaft Pulley

Engine Mounts—Includes mounts for engine and marine gear

Exhaust Manifold—Water cooled

Flywheel Housing—SAE #2

Fuel Filters

Governor—Variable speed, Models 1062-3000, 1062-3001, 1062-5000, 1062-5001; limiting speed, Model 1062-6001

Heat Exchanger

Injectors—Cam-operated, unit type, clean tip

Instruments—Includes ammeter, hourmeter, tachometer, and oil pressure gauge and water temperature gauge for engine and marine gear

Lube Oil Cooler

Lube Oil Filter—Full flow

Marine Gear—Allison "M" type, hydraulic reverse and reduction gear, 2 to 1 ratio

Oil Pan—Cast iron pan for 21°-30° inclination angle, rear sump, Models 1062-3000, 1062-3001, 1062-5000, 1062-5001; stamped steel pan for 10° inclination angle, Model 1062-6001 only

Starting Motor—12 volt

Vibration Damper

Water Filter—Fresh water filter with 10 gallon (37.9 Liters) capacity

For complete specifications and a listing of standard and optional equipment, consult your authorized Detroit Diesel Allison Representative.

Specifications subject to change without notice.



Detroit Diesel Allison

Division of General Motors Corporation

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