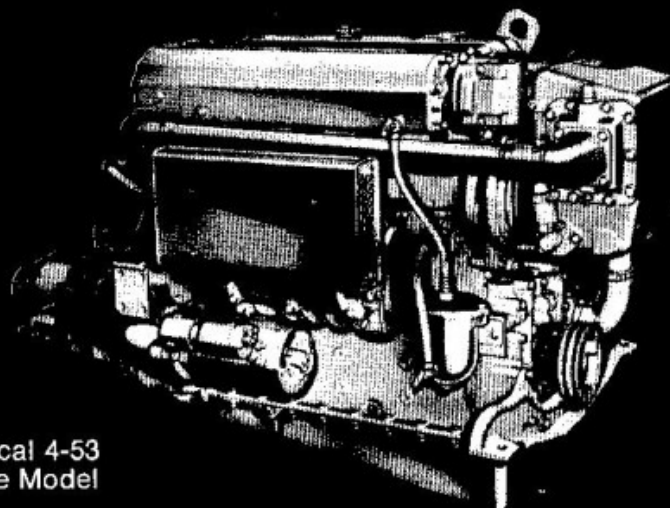


Detroit Diesel Engines

marine models

4-53
140 hp



Typical 4-53
Marine Model

specifications

Basic Engine

4-53

Model	
Port	5042-4000
Starboard	5042-6000
Engine Type	Two Cycle
Number of Cylinders	4
Bore and Stroke	3.875 in. x 4.5 in. (98 mm x 114 mm)
Displacement	212 cu. in. (3.48 litres)
Rated Gross Power:	
60°F (15.6°C) and 29.92	140 BHP (104 kW)
in Hg (101.31 kPa) Bar. (Dry)	@ 2800 RPM
Rated Net Power:	
SAE: 85°F (29.4°C) and 29.00	128 SHP (95 kW)
in Hg (98.19 kPa) Bar. (Dry)	@ 2800 RPM
Continuous Net Power:	
SAE: 85°F (29.4°C) and 29.00	100 SHP (75 kW)
in Hg (98.19 kPa) Bar. (Dry)	@ 2400 RPM
Compression Ratio	21 to 1
Net Weight (dry)	1350 lbs. (612 kg)

Rating Explanation

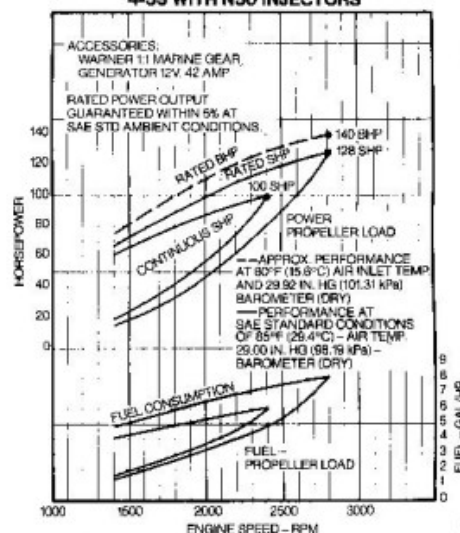
RATED BHP—Basic engine gross power.

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

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 representative for the rating that will apply to your vessel.

BASIC ENGINE PERFORMANCE*
4-53 WITH N50 INJECTORS



*Continuous curves based on use of N40 injectors.