

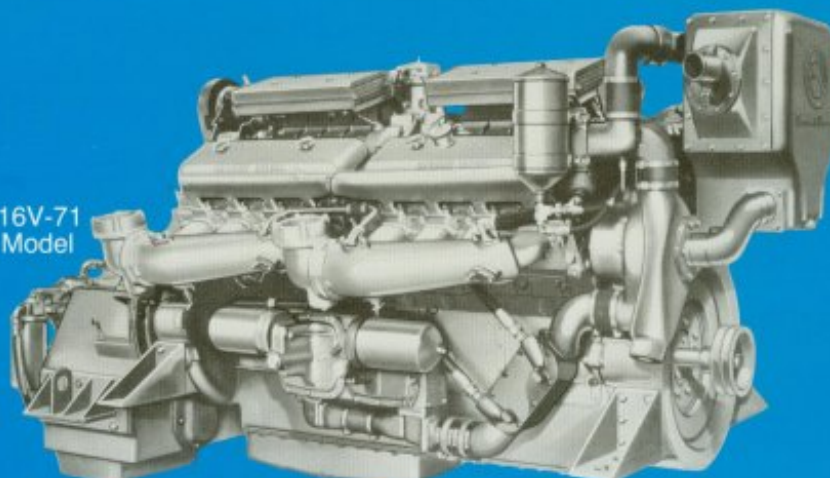
# Detroit Diesel Engines

marine models

16V-71

700 hp

Typical 16V-71  
Marine Model



## specifications

### Basic Engine

16V-71

Model	
Port	7162-3000
Starboard	7162-7000
Engine Type	Two Cycle
Number of Cylinders	16
Bore and Stroke	4.25 in x 5 in (108 mm x 127 mm)
Displacement	1136 cu in (18.63 litres)
Rated Gross Power:	
60°F (15.6°C) and 29.92 in Hg (101.31 kPa) Bar. (Dry)	700 BHP (522 kW) @ 2300 RPM
Rated Net Power:	
SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Bar. (Dry)	640 SHP (477 kW) @ 2300 RPM
Continuous Net Power:	
SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Bar. (Dry)	455 SHP (339 kW) @ 1800 RPM
Compression Ratio	18.7 to 1
Net Weight (dry)	7400 lbs (3357 kg)

### Rating Explanation

**RATED BRAKE HORSEPOWER**—Approximate basic engine (gross) power at conditions of 60°F (15.6°C) and 29.92 in Hg (101.31 kPa) Barometer (Dry).

**RATED SHAFT HORSEPOWER**—Net power available at the marine gear output shaft; this rating is recommended for pleasure craft applications.

**CONTINUOUS SHAFT HORSEPOWER**—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.

