

# DETROIT DIESEL 3000 Series

Marine Model  
Pleasure-Craft

300 BHP



## General Specifications

Displacement	3000
Configuration	Turbocharged and Intercooled
Number of Cylinders	6 90° inline configuration
Cycle	4 stroke, compression ignition diesel cycle
Valves Per Cylinder	5
Aspirated Stroke	5.25 inches (134 mm) (stroke)
Displacement	180 in <sup>3</sup> (2.9 L)
Compression Ratio	16.1
Maximum Horsepower	300 hp (223 kW) at 2600 rpm

## Rated Power Output—Maximum

Power Type	300 BHP (223 kW) at 2600 RPM
Net Power	175 kW (237 hp) at 2600 RPM

## Equipment Specifications

Accessories	Two starters
Alternator	100 amp constant speed
Alternator	24 volt, 40 amp, 500 watt output
Cooling System	Low profile water pump with water pump
Overhead Valve	4 valves (direct injection)
Engine Mounts	Four engine mounts for two engine and mounting gear
Exhaust System	Free water cooled manifold and water pump
Hydraulic Pump	500 psi (34.5 bar) at 2600 rpm
Fuel System	Direct injection system
Governor	Electronic governor
Lube Oil System	Full flow filter and lube capacity 10.5 qt (1.0 L)
Marine Gear	Detroit Diesel 3000
Oil Flow	Full flow, full flow, full flow, full flow, full flow, full flow
Starting Motor	100 amp, 24 volt, 500 watt output

Always consult the local dealer for a full range of options and accessories. Contact your local dealer for more information.

For a complete range of options and accessories, contact your local dealer for more information.

## Performance Curve

### Model 5008—Maximum



## Rating Explanation

Model 5008 is a four-cylinder, four-stroke, turbocharged, diesel engine. It is designed for use in a wide range of applications. The engine is rated at 180 hp at 1800 RPM. This rating is based on the following conditions:

- Engine speed: 1800 RPM
- Engine load: 100% (continuous)
- Engine oil: SAE 15W-40
- Engine coolant: Distilled water
- Engine air: Sea level, 68°F (20°C)

Model 5008 is a four-cylinder, four-stroke, turbocharged, diesel engine. It is designed for use in a wide range of applications. The engine is rated at 180 hp at 1800 RPM. This rating is based on the following conditions:

- Engine speed: 1800 RPM
- Engine load: 100% (continuous)
- Engine oil: SAE 15W-40
- Engine coolant: Distilled water
- Engine air: Sea level, 68°F (20°C)

Consult your authorized Detroit Diesel Corporation representative for the rating details applicable to your model.

## Dimensional Drawing

Model 5008

Approximate dimensions shown.  
For complete dimensional information,  
refer to installation drawing.



# DETROIT DIESEL

Corporation



15000 Oak Grove Road • Detroit, Michigan 48202-1000

Telephone: (313) 480-0000

Telex: 466000 • Fax: (313) 480-0000

EMF: (313) 480-7000