**General Specifications**

Basic Engine: 8V-92TA
Model—Port: 8082-7B31
Starboard: 8082-7B20
Description: Turbocharged-Aircooled with Bypass Blower
Number of Cylinders: 8
Bore and Stroke: 4.84 in x 5.00 in (123 mm x 127 mm)
Displacement: 736 cu in (12.1 liters)
Compression Ratio: 17.0 to 1
Weight (dry): 5390 lbs (2447 kg) (Includes Marine Gear, PTO, and Mounting Systems)

**Rated Power Output—Continuous**

Gross Power: 440 BHP (328 kW) @ 1800 RPM
Net Power: 425 SHP (317 kW) @ 1800 RPM

**Equipment Specifications**

Air Inlet Housing—With manual shutdown
Aftercooler—Two-pass jacket coolant supply
Alternator—24 volt, 60 amp or 28 volt, 100 amp
Cooling System—Cast iron heat exchanger or expansion tank for keel cooling
Crankcase vapor collectors with silencers
Crankshaft Pulley—3 grooves, 50 inch wide (available w/o FPTO)
DDEC—Detroit Diesel Electronic Controls
Exhaust System—Fresh water-cooled manifolds and turbine housing
Flywheel Housing—SAE #1
Fuel System—Cam operated electronic unit injectors with low pressure USCG Type A external hoses, fuel filters and cooler
Lube Oil Filter—Full flow
Marine Gear—Detroit Diesel DD 516V
Oil Pan—Cast iron designed for 0°-12.5° inclination angle, rear sump
Starting Motor—24 volt

Rating conditions: ISO 3046, SAE J1349, SAE J1228
77°F (25°C) and 29.31 in. Hg. (99 kPa) Barometer (Dry)

Illustration represents a typical marine engine.

For a complete listing of standard and optional equipment, consult your authorized Detroit Diesel Corporation representative.
**Performance Curve**

Model 8V-92TA—Continuous

**Rating Explanation**

RATED BHP Basic engine gross horsepower.
RATED SHP Net power available at the marine gear output flange.
PROPPELLER LOAD Indicates power absorbed by a typical fixed pitch propeller.

MARINE CONTINUOUS The marine continuous rating applies to medium or low-speed boats (normally of the displacement type) which operate up to 24 hours a day, 365 days a year, at high load factors. Typical examples include tugs, towboats, offshore supply boats, fishing trollers, and draggers.

Consult your authorized Detroit Diesel Corporation representative for the rating that will apply to your vessel.