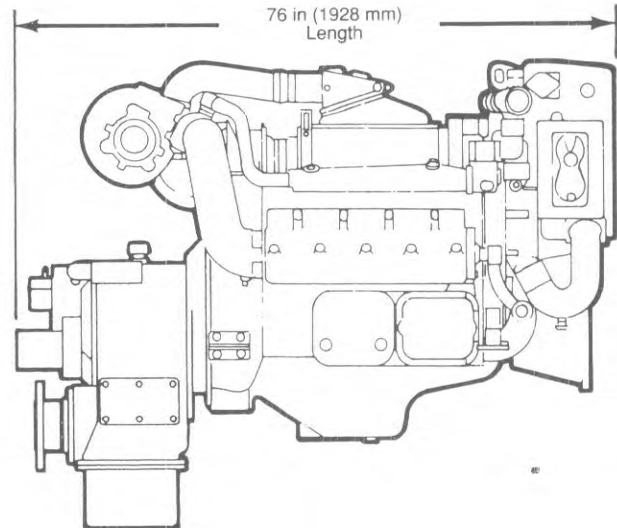
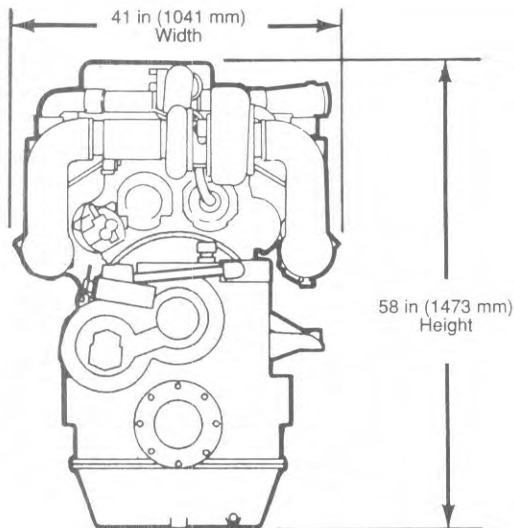


DETROIT DIESEL



**8V-92TA DDEC
440 BHP**

**Marine Commercial
Continuous**



General Specifications

Basic Engine	8V-92TA
Model—Port	8082-7B21
Starboard	8082-7B20
Description	Turbocharged-Aftercooled 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

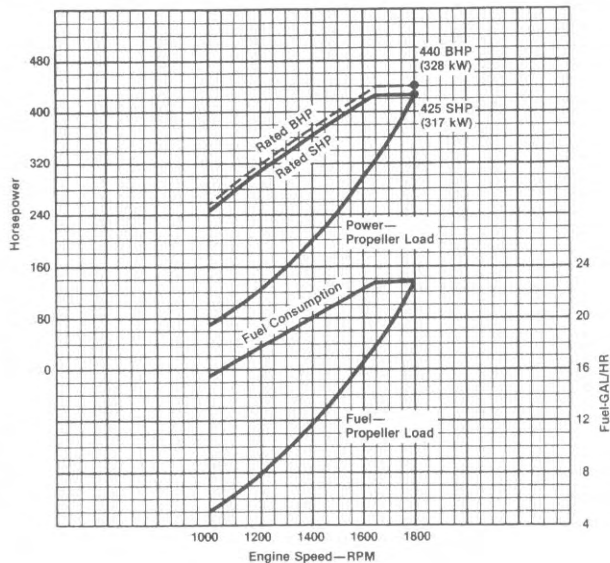
Rating conditions: ISO 3046, SAE J1349, SAE J1228
77°F (25°C) and 29.31 in. Hg. (99 kPa) Barometer (Dry)

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

Illustration represents a typical marine engine

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.

PROPELLER 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 trawlers and draggers.

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

DETROIT DIESEL
CORPORATION



13400 Outer Drive, West / Detroit, Michigan 48239-4001
Telephone: 313-592-5000
FAX: 313-592-7288

