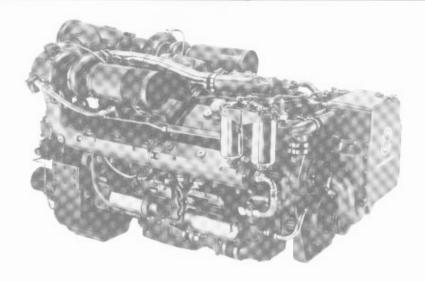
DETROIT DIESEL Series 92

Marine Model **Pleasure Craft** 12V-92TA 1080 BHP





General Specifications

Basic Engine Model

8122-7400

Description

Turbocharged-Aftercooled

with Bypass Blower

Number of Cylinders

12 Bore and Stroke

4.84 in x 5.00 in (123 mm x 127 mm)

Displacement

1104 cu in (18.1 liters)

Compression Ratio

17.0 to 1

Weight (dry)

5861 lbs (2659 kg)

Rated Power Output—Maximum

Gross Power Net Power

1080 BHP (805 kW) @ 2300 RPM 1040 SHP (775 kW) @ 2300 RPM

Equipment Specifications

Air Inlet Housing-With manual shutdown

Air Silencer-Two

Aftercooler-Two-pass with precooled coolant supply

Alternator-24 volt, 65 amp, flange mounted

Cooling System-Low profile heat exchanger with cast iron tank and raw water pump

Crankshaft Pulley-5 Grooves, .50 inch wide

Engine Mounts

Exhaust System-Fresh water-cooled manifolds and twin turbine housings

Factory Installed Marine Gear Options—ZF BW 195 (1.52, 2.03, 2.57:1 reduction ratios) or without gear for custom installed gear

Flywheel Housing-SAE #1

Fuel System—Cam operated unit injectors with low pressure USCG type A external hoses, fuel filters and cooler

Governor-Variable speed

Lube Oil Filter-Full flow, spin on

Marine Gear-Detroit Diesel-273 (1.64, 1.83, 2.03, 2.55 1.52, 2.03:1 reduction ratios)

Oil Pan-Cast iron, designed for 15° inclination angle, rear sump

Starting Motor-24 volt

Vibration Damper-Viscous torsional damper

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

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