DETROIT DIESEL Series 92

Marine Model 8V-92TA DDEC 760 BHP
Pleasure Craft

General Specifications

Basic Engine	8V-92TA
Model	8082-7B00
Description	Turbocharged-Aftercooled with Bypass Blower
Number of Cylinders	8
Control	DDEC
Bore and Stroke	4.84 in x 5.00 in (123 mm x 127 mm)
Displacement	736 cu in (12.1 liters)
Compression Ratio	15.0 to 1
Weight (dry)	4200 lbs (1905 kg)

Rated Power Output—Maximum

Gross Power	760 BHP (567 kW) @ 2300 RPM
Net Power	735 SHP (548 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 cast iron expansion tank and raw water pump

Crankshaft Pulley—3 grooves, .50 inch wide

DDEC—Detroit Diesel Electronic Controls

Engine Mounts—Resilient mounts for both engine and marine gear

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

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-5111A (1.48, 1.50, 1.74, 1.92, 2.04 reduction ratios)

Oil Pan—Cast iron, designed for 0°-15° 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. (99kPa) Barometer (Dry)

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

Photograph illustrates a typical marine engine