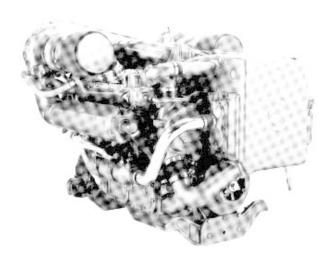
DETROIT DIESEL Series 92

Marine Model Pleasure Craft

8V-92TA DDEC 760 BHP





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

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

15.0 to 1

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.