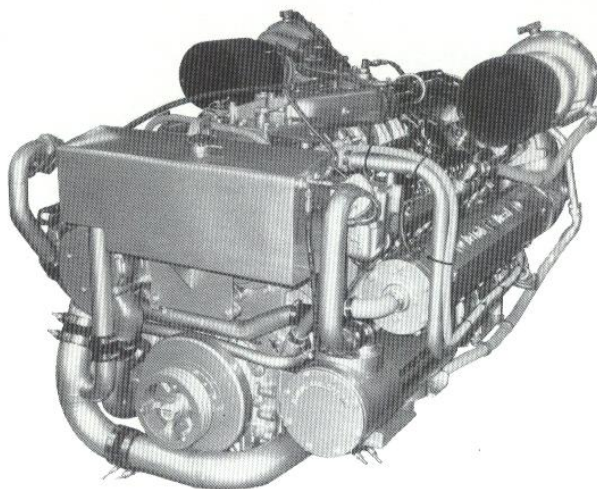


DETROIT DIESEL Series 71

Marine Pleasure Craft 12V-71TA 900 BHP



General Specifications

Basic Engine	12V-71TA
Model—Starboard	7122-7603 (RH only)
Description	Turbocharged-Aftercooled with Bypass Blower
Number of Cylinders	12
Bore and Stroke	4.25 in x 5.00 in (108 mm x 127 mm)
Displacement	852 cu in (13.97 liters)
Compression Ratio	17.0 to 1
Weight (dry)	4940 lbs (2240 kg) with gear

Rated Power Output—Maximum

Injectors	7030
Gross Power	900 BHP (671 kW) @ 2300 RPM
Net Power	870 SHP (649 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—Side mounted heat exchanger with low profile expansion tank
Engine Mounts—Resilient mounts for both engine and marine gear
Exhaust System—Fresh water-cooled manifolds and turbine housing
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, two spin-on elements
Marine Gear—Detroit Diesel-232V (1.50, 1.76, 1.96, 2.48 reduction ratios) and 232A (1.52, 1.77, 1.97 reduction ratios)
Oil Pan—Designed for 0°-12° installation angle, no 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