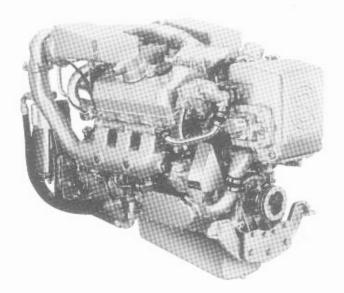
# **Detroit Diesel Engines**

#### **Marine Models**

6V-53T 320 hp



Typical 6V-53T

### **General Specifications**

Basic Engine	6V-53T		
Model-Port			
Starboard	5062-7300		
Description	Turbocharged		
Number of Cylinders	6		
Bore and Stroke	3.875 in × 4.5 in (98 mm × 114 mm)		
Displacement	318 cu in (5.22 liters)		
Compression Ratio	17.5 to 1		
Lube Oil System Capacity•	Low-11 qts (41.6 liters) High-14 qts (52.9 liters)		
Coolant Capacity (engine only)	30 qts (113.4 liters)		
Net Weight (dry)	2200 (998 kg)		

#### Rated Power Output

Intermittent

Injectors 5N65

Rated Gross Power 275 BHP (205 kW)
@ 2800 RPM\*

Rated Net Power 260 SHP (194 kW)

@ 2800 RPM\*

Maximum

·With standard oil pan.

1SAE: 77°F (25.0°C) and 29.31 in Hg (99 kPa) Barometer (Dry).
\*85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Baromater (Dry).

## **Equipment Specifications**

Air Inlet Housing

Air Silencer

Alternator-14 volt, 75 amp, flange mounted

Crankshaft Pulley

Engine Mounts—Resilient mounts, front and rear, includes mounts for both engine and marine gear

Exhaust Manifold-Water cooled

Flywheel Housing-SAE #3

Fuel Cooler

Fuel Filters-Spin-on

Governor-Variable speed

Heat Exchanger

Injectors-Cam operated, unit type, clean tip

Lube Oil Cooler

Lube Oil Filter-Spin-on, full-flow

Marine Gear—Twin Disc MG 506, cooler and lines, flange assembly for marine gear

Oil Pan—Cast iron, designed for 0°-17° inclination angle, front sump

Raw Water Pump

Starting Motor-12 volt

Turbochargers-Two, high efficiency design

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