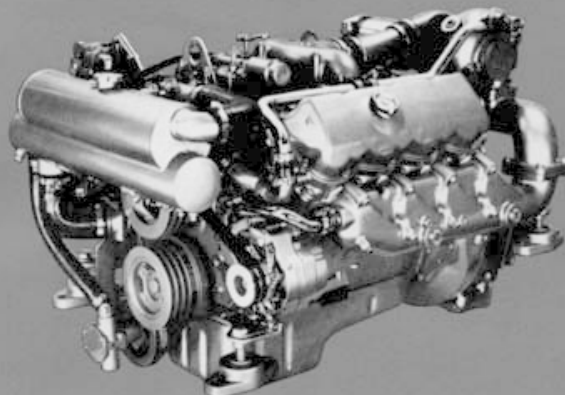


Detroit Diesel Engines marine models

8.2T
250 hp

Typical 8.2T
Marine Model



specifications

Basic Engine	8.2T
Model-Port	4082-8301
Starboard	4082-8300
Description	Turbocharged
Number of Cylinders	8
Bore and Stroke	4.25 in × 4.41 in (108 mm × 112 mm)
Displacement	500 cu in (8.2 liters)
Compression Ratio	16.9 to 1
Dimensions: (approx.)	
Length	54 in (1372 mm)
Width	32 in (802 mm)
Height	32 in (802 mm)
Net Weight (dry)	1560 lbs (709 kg)

Rated Power Output

Intermittent	
Injectors	4C65
Rated Gross Power	200 BHP (149 kW) @ 2800 RPM†
Rated Net Power	191 SHP (142 kW) @ 2800 RPM†
Intermittent	
Injectors	4C65
Rated Gross Power	205 BHP (153 kW) @ 3000 RPM†
Rated Net Power	195 SHP (145 kW) @ 3000 RPM†
Maximum	
Injectors	4T80
Rated Gross Power	250 BHP (187 kW) @ 3200 RPM†
Rated Net Power	240 SHP (179 kW) @ 3200 RPM†

†Rating conditions of SAE: 77°F (25°C) and 29.31 in Hg (99 kPa) Barometer (Dry)

Values are derived from currently available data and are subject to change without notice or obligation.

standard equipment

Air Silencer
Alternator—12 volt, 42 amp
Crankshaft Pulley—4 grooves
Engine Mounts—Resilient, vertically adjustable; includes mounts for both engine and marine gear
Exhaust Manifold—Fresh water cooled
Flywheel Housing—SAE #3
Fuel Filters—Spin-on, includes both secondary and primary filter
Fuel System—USCG type A hoses
Governor—Limiting speed
Heat Exchanger—Low profile tube and shell, Cu Ni tubes
Injectors—Cam operated, unit type, clean tip
Lube Oil Cooler—Engine only
Lube Oil Filter—Spin-on, full-flow
Marine Gear—Twin Disc MG502, hydraulic reverse and reduction, 1.54:1 ratio
Oil Pan—Corrosion resistant stamped steel, designed for 10° inclination angle (static)
Raw Water Pump
Shut Down System—12 volt, electrical
Starting Motor—12 volt
Turbocharger—Fresh watercooled turbine housing; port or starboard exhaust
Optional Upon Request
 (at slight additional cost)
Twin Disc Marine Gear 502, 2:1 ratio
Marine Gear Companion Flange
Flywheel Housing Adaptor for Warner V-drive
Manual Shut Down System
Exhaust Outlet Elbow

For a complete listing of standard and optional equipment, consult your authorized Detroit Diesel Allison representative. Specifications subject to change without notice.