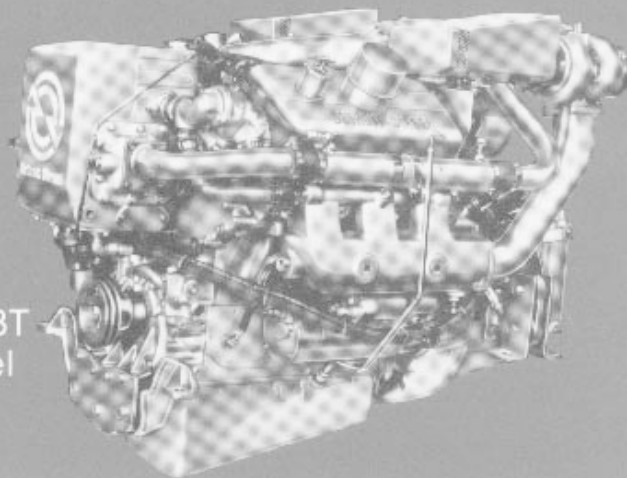


Detroit Diesel Engines

marine models

4-53 6V-53 6V-53T
136 hp 210 hp 305 hp

Typical 6V-53T
Marine Model



basic specifications

Basic Engine	4-53	6V-53	6V-53T
Model-Port	5042-4000	5062-3000	—
Starboard	5042-6000	5062-7000	5062-7300
Description	Naturally Aspirated	Naturally Aspirated	Turbocharged
Number of Cylinders	4	6	6
Bore and Stroke	3.875 in × 4.5 in (98 mm × 114 mm)	3.875 in × 4.5 in (98 mm × 114 mm)	3.875 in × 4.5 in (98 mm × 114 mm)
Displacement	212 cu in (3.48 liters)	318 cu in (5.22 liters)	318 cu in (5.22 liters)
Compression Ratio	21 to 1	21 to 1	17.5 to 1
Net Weight (dry)	1350 lbs (612 kg)	1830 lbs (830 kg)	2200 (998 kg)

power specifications

Continuous			
Injectors	N40	N40	No continuous rating is currently available for the 6V-53T.
Rated Gross Power	107 BHP (80 kW) @ 2400 RPM*	158 BHP (118 kW) @ 2400 RPM*	
Rated Net Power	100 SHP (75 kW) @ 2400 RPM*	148 SHP (110 kW) @ 2400 RPM*	
Intermittent			
Injectors	N45	N45	5N65
Rated Gross Power	120 BHP (90 kW) @ 2500 RPM*	186 BHP (139 kW) @ 2500 RPM*	275 BHP (205 kW) @ 2800 RPM*
Rated Net Power	112 SHP (84 kW) @ 2500 RPM*	173 SHP (129 kW) @ 2500 RPM*	260 SHP (194 kW) @ 2800 RPM*
Maximum			
Injectors	N50	N50	N70
Rated Gross Power	136 BHP (101 kW) @ 2800 RPM*	210 BHP (157 kW) @ 2800 RPM*	305 BHP (228 kW) @ 2800 RPM†
Rated Net Power	128 SHP (95 kW) @ 2800 RPM*	197 SHP (147 kW) @ 2800 RPM*	292 SHP (218 kW) @ 2800 RPM†

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

