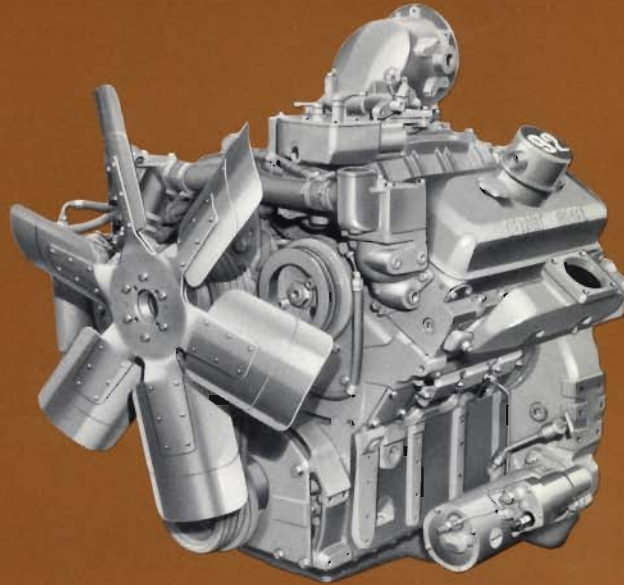


Detroit Diesel Engines

fan-to-flywheel models

6V-92
276 hp

6V-92T
322 hp



Typical 6V-92
Fan-to-Flywheel Model

Model	
6V-92	8063-7000
6V-92T	8063-7300

specifications

Basic Engine	6V-92 with 80 Injectors	6V-92T with 90 Injectors
Model	8063-7000	8063-7300
Engine Type	Two Cycle	Two Cycle
Number of Cylinders	6	6
Bore and Stroke	4.84 in. x 5 in. (123 mm x 127 mm)	4.84 in. x 5 in. (123 mm x 127 mm)
Two Cycle Displacement (Every Downstroke a Powerstroke)	552 cu. in. (9.05 litres)	552 cu. in. (9.05 litres)
Rated Power:		
60°F and Sea Level (approx.)	276 BHP @ 2100 RPM	—
85°F and 500 ft. (SAE)	270 BHP @ 2100 RPM	322 BHP @ 2100 RPM
29.4°C and 152.4 m (SAE)	201 kW @ 2100 RPM	240 kW @ 2100 RPM
Continuous Power:		
85°F and 500 ft. (SAE)	225 BHP @ 1800 RPM	—
29.4°C and 152.4 m (SAE)	168 kW @ 1800 RPM	—
Torque:		
85°F and 500 ft. (SAE)	737 lb. ft. @ 1400 RPM	890 lb. ft. @ 1400 RPM
29.4°C and 152.4 m (SAE)	999 N·m @ 1400 RPM	1207 N·m @ 1400 RPM
Compression Ratio	19 to 1	17 to 1
Approximate Dimensions:		
Length	41 in (1041 mm)	41 in (1041 mm)
Width	39 in. (991 mm)	39 in. (991 mm)
Height	47 in. (1194 mm)	52 in. (1321 mm)
Net Weight (Mass) (dry)	1960 lbs. (889 kg)	2005 lbs. (909 kg)

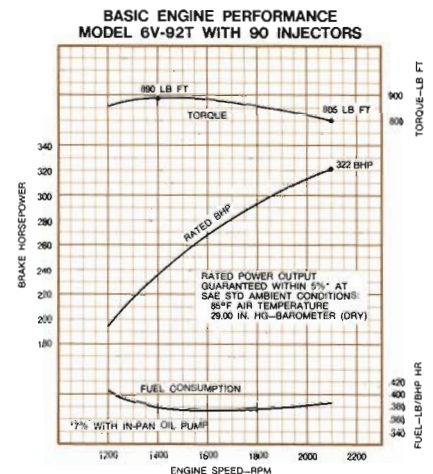
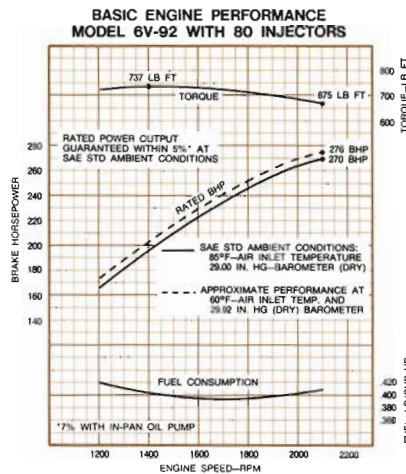
For complete dimensional information, refer to Installation drawing 2SA393 for Model 8063-7000 and 2SA413 for Model 8063-7300.

Rating Explanation

RATED BHP is the power rating for variable speed and load applications where full power is required intermittently.

FUEL CONSUMPTION CURVE shows fuel used in pounds per brake horsepower hour.

THESE RATINGS do not include power requirements for accessory and standard equipment.



standard equipment

- Air Inlet Housing—For manual shutdown
- Battery Charging Generator—12 volt, 62 amp, AC
- Exhaust Manifold—Flanged, vertical center outlet (8063-7000) — Horizontal, end outlet, Marmon flange (8063-7300)
- Fan—28", 6 blade, suction (8063-7000)
- 32", 8 blade, suction (8063-7300)
- Flywheel Housing—SAE #1
- Flywheel—SAE #1 for 14" clutch
- Fuel Distribution System—Disposable spin-on filter and strainer, flexible fuel lines

- Governor—Limiting speed
- Injectors—Cam-operated, unit type, clean tip
- Lube Oil Filter—Full flow, mounted
- Oil Pan & Distribution System—For 20° operation, rear sump
- Starting Motor—12 volt, sprag over-running clutch, high-output
- Throttle Delay (8063-7300)
- Turbocharger—Vaneless, top front center mounted (8063-7300)

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

Specifications subject to change without notice



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