

Typical Model 16V-71TI
Fan-To-Flywheel

specifications

Basic Engine

16V-71TI with N90 Injectors

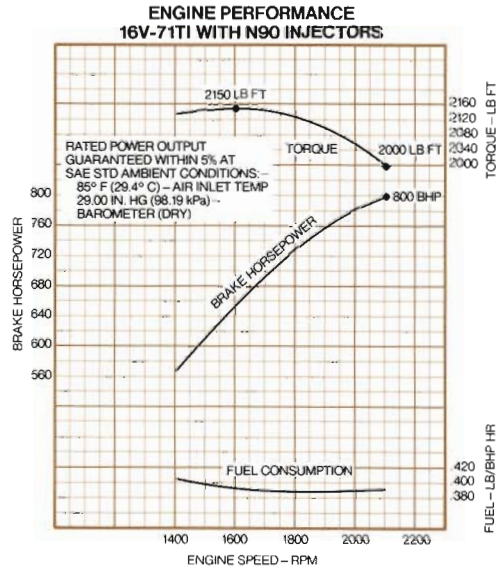
Model	7163-7301
Engine Type	Two Cycle
Number of Cylinders	16
Bore and Stroke	4.25 in x 5 in (108 mm x 127 mm)
Displacement	1136 cu in (18.63 litres)
Rated Gross Power:	
SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Barometer (Dry)	800 BHP (597 kW) @ 2100 RPM
Torque:	
SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Barometer (Dry)	2150 lb ft (2915 N·m) @ 1600 RPM
Compression Ratio	17 to 1
Approximate Dimensions:	
Length	79 in (2007 mm)
Width	47 in (1194 mm)
Height	59 in (1499 mm)
Net Weight (dry)	4820 lbs (2186 kg)

Rating Explanation

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

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

PERFORMANCE RATING shown is for the basic engine operating without accessories and fan.



standard equipment

Air Inlet Housing—Manual shutdown with control cable

Alternator—24 Volt, 50 Amp

Crankshaft Pulley—9.0 in. (229 mm) diameter, Poly-Vee; 7.5 in. (191 mm) diameter, 2-groove

Exhaust Manifold—Center outlet

Fan—Fan bracket and pulley assembly only

Flywheel—SAE #1

Flywheel Housing—SAE #1

Governor—Variable speed

Lube Oil Filters—Full-flow, dual can

Oil Pan and Distribution System—For 20° operating angle

Starting Motor—24-Volt

Turbocharger—Two Turbochargers, vaneless type, with intercoolers

Vibration Damper—Single, heavy, viscous

For complete specifications and a listing of standard and optional equipment, consult your authorized Detroit Diesel Allison Distributor or Dealer.

Specifications subject to change without notice.



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13400 West Outer Drive Detroit, Michigan 48228