

Typical 4-71
Fan-to-Flywheel Model

specifications

Basic Engine	4-71 N60 Injectors	4-71 N65 Injectors
Model	1043-5000, 1043-7000	1043-5000, 1043-7000
Engine Type	Two Cycle	Two Cycle
Number of Cylinders	4	4
Bore and Stroke	4.25 in x 5 in (108 mm x 127 mm)	4.25 in x 5 in (108 mm x 127 mm)
Displacement	284 cu in (4.66 litres)	284 cu in (4.66 litres)
Rated Gross Power: 60°F (15.6°C) and Sea Level-approx. SAE: 85°F (29.4°C) and 500 ft (152.4 m)	145 BHP (108 kW) @ 2100 RPM 140 BHP (104 kW) @ 2100 RPM	160 BHP (119 kW) @ 2100 RPM 152 BHP (113 kW) @ 2100 RPM
Continuous Gross Power: SAE: 85°F (29.4°C) and 500 ft (152.4 m)	117 BHP (87 kW) @ 1800 RPM	117 BHP (87 kW) @ 1800 RPM
Torque: SAE: 85°F (29.4°C) and 500 ft (152.4 m)	385 lb ft (522 N·m) @ 1200 RPM	400 lb ft (542 N·m) @ 1600 RPM
Compression Ratio	18.7 to 1	18.7 to 1
Approximate Dimensions:		
Length	42 in (1067 mm)	42 in (1067 mm)
Width	29 in (737 mm)	29 in (737 mm)
Height	42 in (1067 mm)	42 in (1067 mm)
Net Weight (dry)	1780 lbs (807 kg)	1780 lbs (807 kg)

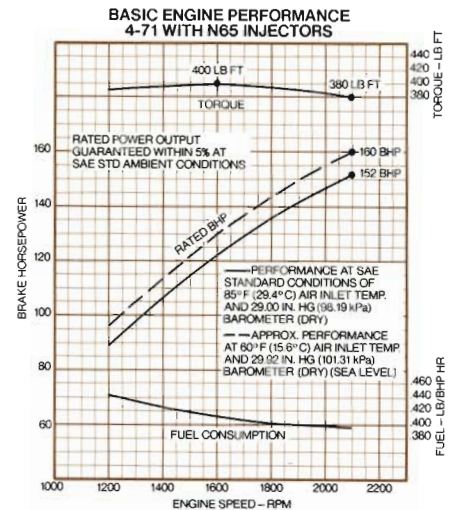
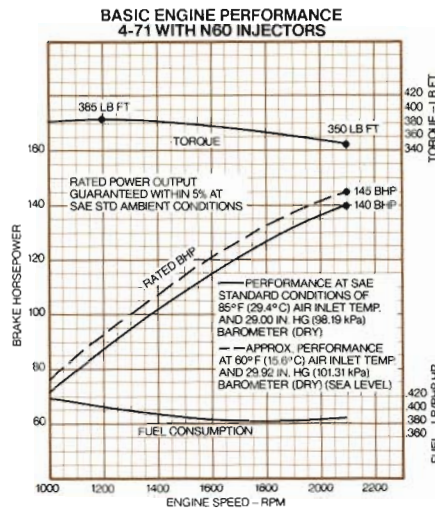
Rating Explanation

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

CONTINUOUS BHP is the power rating for applications operating under a constant load and speed for long periods of time.

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—Manual shutdown with 50 in cable

Alternator—12 volt, 42 amp

Crankshaft Pulley—7.5 in. (191 mm) diameter, 3-groove

Exhaust Manifold—Vertical center outlet

Fan—18 in (457 mm), 6-blade, suction

Flywheel—SAE #1

Flywheel Housing—SAE #1

Governor—Variable speed, with throttle controls

Injector—Cam-operated, Unit-type, Clean Tip

Instruments—Ammeter, oil pressure and water temperature gauges, and starter switch

Lube Oil Filter—Full-flow

Oil Pan and Oil Distribution System—16° inclination angle

Starting Equipment—12 volt

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

Specifications subject to change without notice



Detroit Diesel Allison
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