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Detroit Diesel Engines

truck models
6-71
240 hp

GEORGE ENGINE CO., INC.
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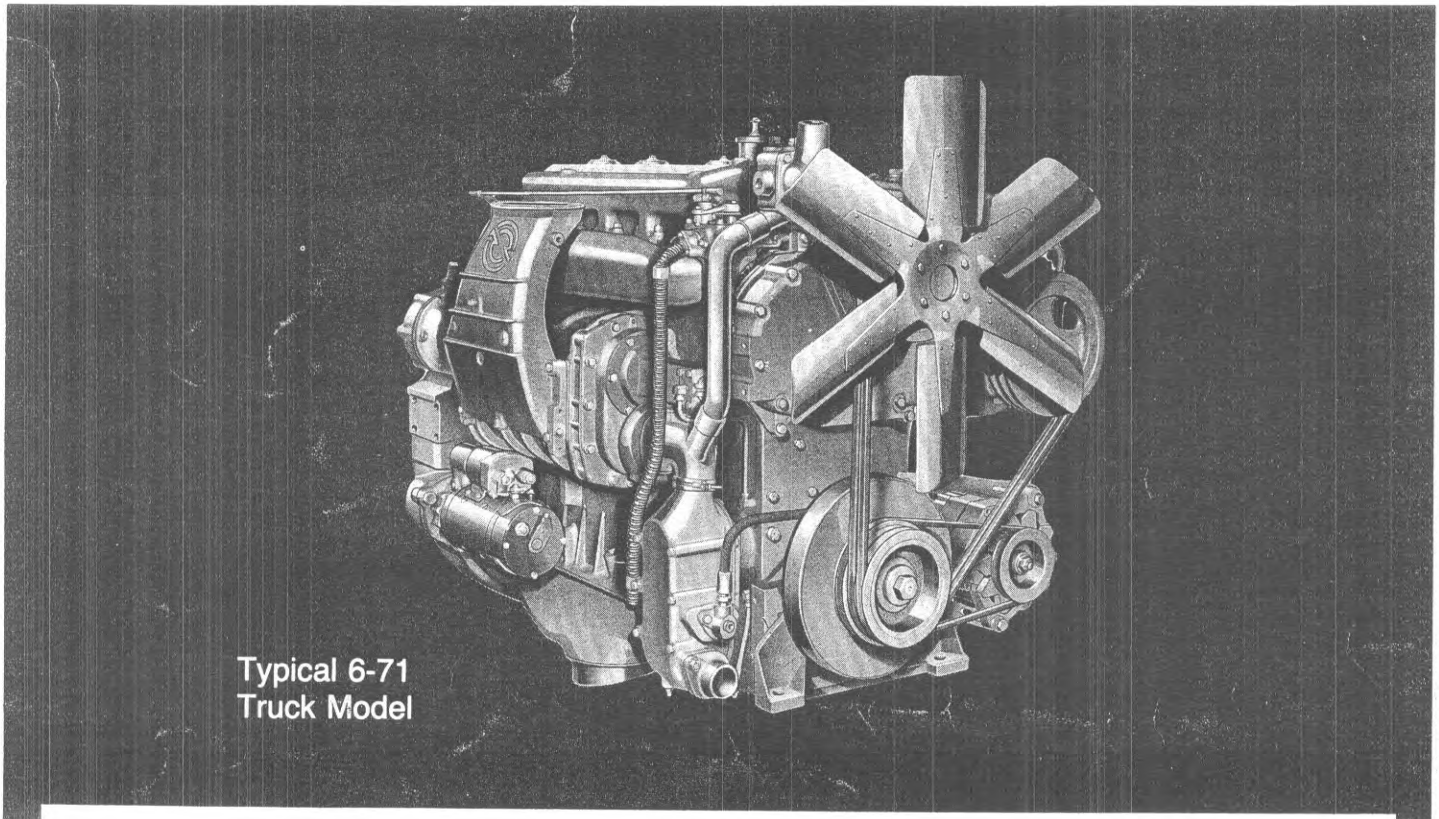


Typical 6-71
Truck Model

specifications

Basic Engine	6-71NC California B60 Injectors	6-71N Federal 7E65 Injectors
Model	1067-5040, 1067-8040	1067-5040, 1067-8040
Engine Type	Two Cycle	Two Cycle
Number of Cylinders	6	6
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	426 cu in (6.99 litres)	426 cu in (6.99 litres)
Rated Gross Power:		
60°F (15.6°C) and 29.92 in Hg (101.31 kPa) Barometer (Dry)	218 BHP (163 kW) @ 2100 RPM	240 BHP (179 kW) @ 2100 RPM
SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Barometer (Dry)	210 BHP (157 kW) @ 2100 RPM	230 BHP (172 kW) @ 2100 RPM
Torque:		
SAE: 85°F (29.4°C) and 29.00 in Hg (98.19 kPa) Barometer (Dry)	577 lb ft (782 N•m) @ 1200 RPM	611 lb ft (828 N•m) @ 1600 RPM
Compression Ratio	18.7 to 1	18.7 to 1
Approximate Dimensions:	*Model 1067-5040*	*Model 1067-8040*
Length	56 in (1422 mm)	56 in (1422 mm)
Width	33 in (838 mm)	33 in (838 mm)
Height	44 in (1118 mm)	46 in (1168 mm)
Net Weight (dry)	2150 lbs (975 kg)	2150 lbs (975 kg)

For complete dimensional information, refer to installation drawing 2SA212 for Model 1067-5040 and 2SA392 for Model 1067-8040.

Fuel Consumption

performance

LBS fuel x BHP ÷ 7 = gals per hour under full load

Rating Explanation

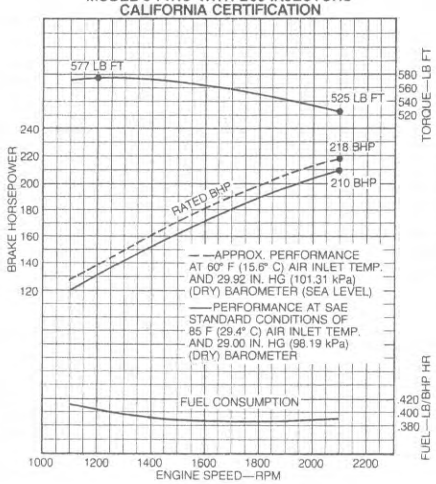
RATED BHP—is the power rating for variable speed and load application where full power is required intermittently.

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

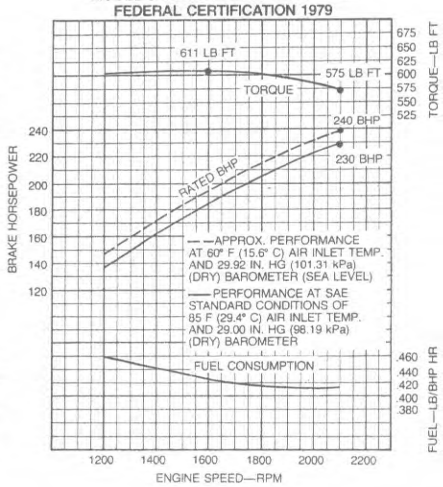
THESE RATINGS do not include power requirements for accessory and standard equipment.

For complete engine specifications for your particular application, see your truck dealer or authorized Detroit Diesel Allison Representative.

BASIC ENGINE PERFORMANCE
MODEL 6-71NC WITH B60 INJECTORS
CALIFORNIA CERTIFICATION



BASIC ENGINE PERFORMANCE
MODEL 6-71N WITH 7E65 INJECTORS
FEDERAL CERTIFICATION 1979



standard equipment

Air Box Drain Tube

Air Compressor—12 CFM (.34 m³/min.)

Air Inlet Housing

Alternator—12V, 42 amp, 1067-5040,
12V, 42 amp, 1067-8040

Cast Aluminum Rocker Cover

Crankshaft Pulley

Exhaust Manifold

Fan—26 in (660 mm), 6 blades, suction

Flywheel—SAE #1, 1067-5040,
SAE #2, 1067-8040

Flywheel Housing—SAE #1, 1067-5040,
SAE #2, 1067-8040

Fuel Filters—Spin on

Governor—Limiting speed

Injectors—Cam operated, unit type, clean tip

Lube Oil Cooler

Lube Oil Filter—Full flow

Oil Pan—Stamped pan for 8-17° inclination angle, 1067-5040; 21-30° inclination angle, 1067-8040

Starting Motor—12 volt

Vibration Damper—Single, heavy, viscous

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

Specifications subject to change without notice.

Detroit Diesel Allison
Division of General Motors Corporation

13400 West Outer Drive Detroit, Michigan 48228

3SA108 1-79 Litho in U.S.A.