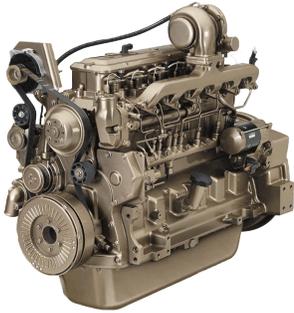


PowerTech

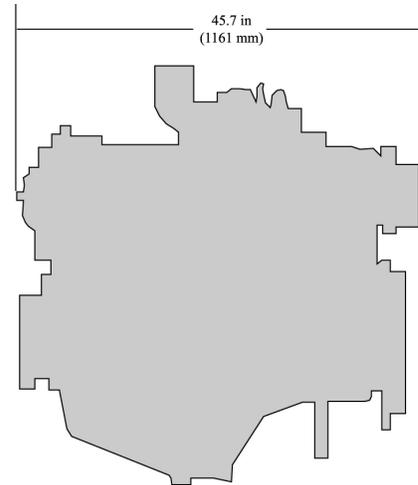
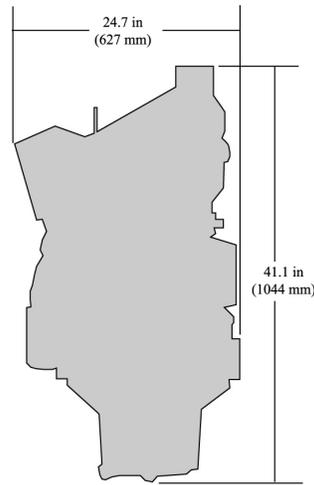
6068H Diesel Engine

Industrial Engine Specifications



6068H shown

Dimensions



Certifications

- CARB
- EPA Tier 2
- EU Stage II

General data

Model	6068HF475
Number of cylinders	6
Displacement - L (cu in)	6.8 (415)
Bore and Stroke-- mm (in)	106 x 127 (4.17 x 5.00)
Compression Ratio	17.0:1
Engine Type	In-line, 4-Cycle

Aspiration	Turbocharged and air-to-air aftercooled
Length - mm (in)	1161 (45.7)
Width - mm (in)	627.4 (24.7)
Height-- mm (in)	1044 (41.1)
Weight, dry-- kg (lb)	587 (1294)

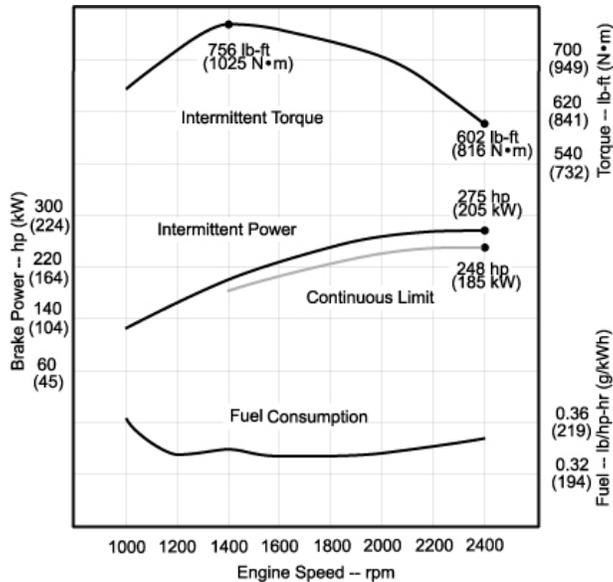
Intermittent BHP is the power rating for variable speed and load applications where full power is required intermittently.

Heavy duty - see application ratings/definitions, engine performance curves.

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

Power output is within + or - 5% at standard SAE J 1995 and ISO 3046.

Performance curve



Performance data

Intermittent rated speed	205 kW (275 hp) @ 2400 rpm
Peak power	206 kW (276 hp) @ 2200 rpm
Peak torque	1025 N.m (756 ft-lb) @ 1400 rpm
Torque rise %	26% @ 1400 rpm

Features and benefits

Dynamically Balanced Crankshaft

- Crankshafts are machined from a heat-treated, high carbon steel forging

Forged-Steel Connecting Rods

- Unique 45-degree design permits the use of larger crankshaft connecting-rod bearings for increased durability

Self-adjusting Poly-vee Fan Drive

- Self-adjusting, eight-groove, poly-vee fan drive provides multiple fan drive ratios and fan heights that can be matched to specific application requirements
- Poly-vee design provides more than twice the drive capacity of comparable vee-belts

Replaceable Wet-Type Cylinder Liners

- Provides excellent heat dissipation
- Precision machined for long life

Either-Side Service

- Engine installation and maintenance simplified and convenient by providing dipstick and oil filter options on both sides of the engine

500-Hour Oil Change

- Customers save significant costs on oil, filters and labor with a 500-hour oil change interval

Standard Gear Auxiliary Drive

- Standard gear auxiliary drive produces up to 50 hp (37 kW) for gear-driven accessories

Mounting Points

- Standard front and side mounting points provide easy installation and application flexibility

Electronic-controlled Rotary Injection Pump

- Electronic-controlled rotary injection pump distributes the precise amount of fuel required by each cylinder at exactly the right time
- Electronic controls monitor engine speed and load to determine fuel timing

SAE J1939 Standard Communication Link

- Industry standard, which provides an interface with vehicle systems, like the transmission, hydraulics and various accessory drives minimizing machine complexity and reducing the installed cost

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All values at rated speed and power with standard options unless otherwise noted. Specifications and design subject to change without notice.