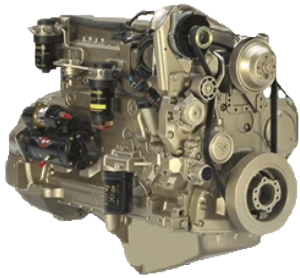


PowerTech™

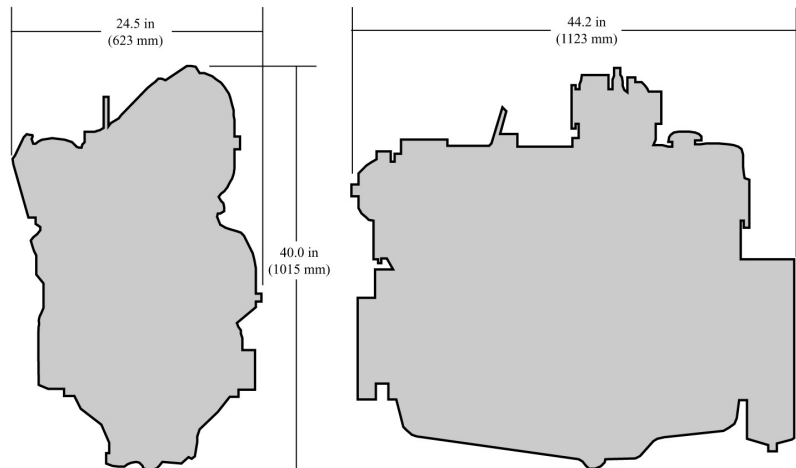
6068HF150 Diesel Engine

Industrial Engine Specifications



6068HF150 shown

Engine dimensions



Dimensions may vary according to options selected. Call your distributor for more information.

Certifications

EPA Tier 1

General data

| | | | |
|---------------------------|---|-----------------------|-------------|
| Model | 6068HF150 | Length - mm (in) | 1123 (44.2) |
| Number of cylinders | 6 | Width - mm (in) | 623 (24.5) |
| Displacement - L (cu in) | 6.8 (415) | Height-- mm (in) | 1015 (40.0) |
| Bore and Stroke-- mm (in) | 106 x 127 (4.17 x 5.00) | Weight, dry-- kg (lb) | 550 (1213) |
| Compression Ratio | 17.0:1 | | |
| Engine Type | In-line, 4-Cycle | | |
| Aspiration | Turbocharged and air-to-air aftercooled | | |

Performance data range

| | |
|-------------------------|--|
| Application ratings | Intermittent |
| Rated power/Rated speed | 143-157 kW (192-211 hp) @2200-2400rpm |
| Peak power | 143-157 kW (192-211 hp) @2200-2400rpm |
| Power bulge | NA @ NA rpm |
| Peak torque | 749-771 N.m (552-569ft-lb) @1300-1400rpm |
| Torque rise | NA |

The Industrial Intermittent engine power rating is for applications that operate at varying loads and speeds, and do not fit the Industrial Heavy-Duty rating information.

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

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

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