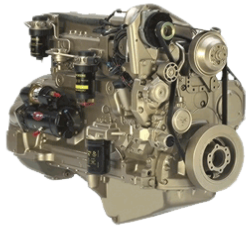


PowerTech™

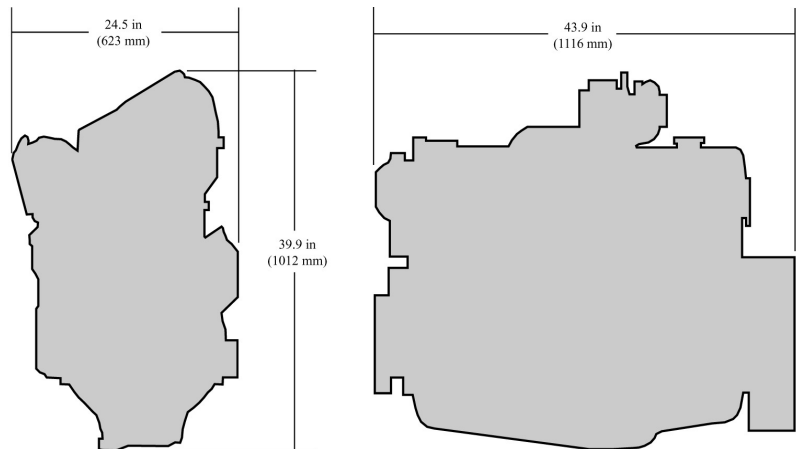
6068TF250 Diesel Engine

Industrial Engine Specifications



6068TF250 shown

Engine dimensions



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

Certifications

EPA Tier 1

General data

Model	6068TF250	Length - mm (in)	1116 (43.9)
Number of cylinders	6	Width - mm (in)	623 (24.5)
Displacement - L (cu in)	6.8 (415)	Height-- mm (in)	1012 (39.8)
Bore and Stroke-- mm (in)	106 x 127 (4.17 x 5.00)	Weight, dry-- kg (lb)	569 (1254)
Compression Ratio	17.0:1		
Engine Type	In-line, 4-Cycle		
Aspiration	Turbocharged		

Performance data range

Application ratings	Intermittent	Heavy Duty
Rated power/Rated speed	138-149 kW (185-200 hp) @2400rpm	106-128 kW (142-172 hp) @2200-2300rpm
Peak power	138-155 kW (185-208 hp) @2200-2400rpm	112-128 kW (150-172 hp) @2000-2300rpm
Power bulge	NA @ NA rpm	NA @ NA rpm
Peak torque	682-793 N.m (503-585ft-lb) @1400-1500rpm	614-668 N.m (453-493ft-lb) @1400rpm

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.

Some applications require Industrial Heavy-Duty engine power ratings. Please contact your John Deere Power Systems engine distributor for more 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