PowerTech ™
6068DF150 Diesel Engine

Industrial Engine Specifications

JOHN DEERE
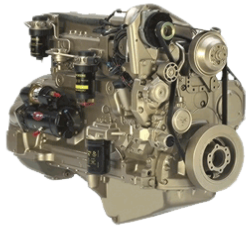
6068DF150 shown

Engine dimensions

24.5 in (623 mm)

43.9 in (1116 mm)

39.9 in (1012 mm)
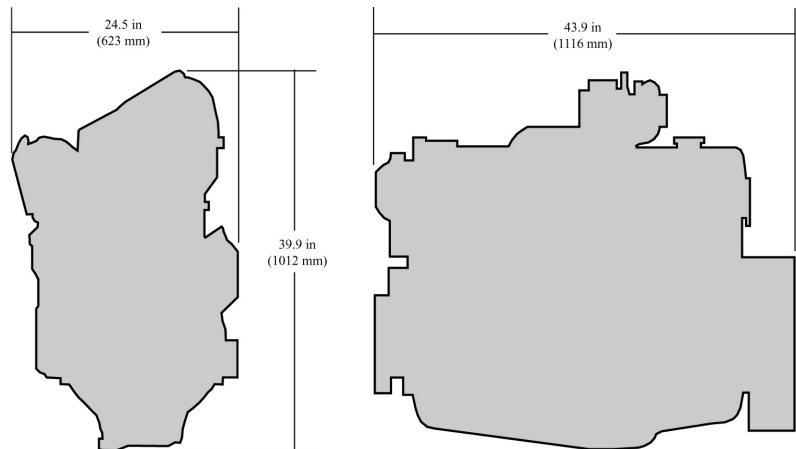
Dimensions may vary according to options selected. Call your distributor for more information.

Certifications

EPA Tier 1

General data

Model	6068DF150	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)	1025 (40.4)
Bore and Stroke-- mm (in)	106 x 127 (4.17 x 5.00)	Weight, dry-- kg (lb)	522 (1151)
Compression Ratio	17.6:1		
Engine Type	In-line, 4-Cycle		
Aspiration	Naturally aspirated		

Performance data range

Application ratings	Intermittent
Rated power/Rated speed	93 kW (125 hp) @2500rpm
Peak power	93 kW (125 hp) @2500rpm
Power bulge	NA @ NA rpm
Peak torque	448 N.m (330ft-lb) @1200rpm
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 d rive 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

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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.

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