



# JOHN DEERE

## PowerTech™ **6068T** Diesel Engine Specifications

### PERFORMANCE DATA

#### Rated Power

Intermittent	170 hp (127 kW) @ 2500 rpm
Continuous	153 hp (114 kW) @ 2500 rpm

#### Peak Torque

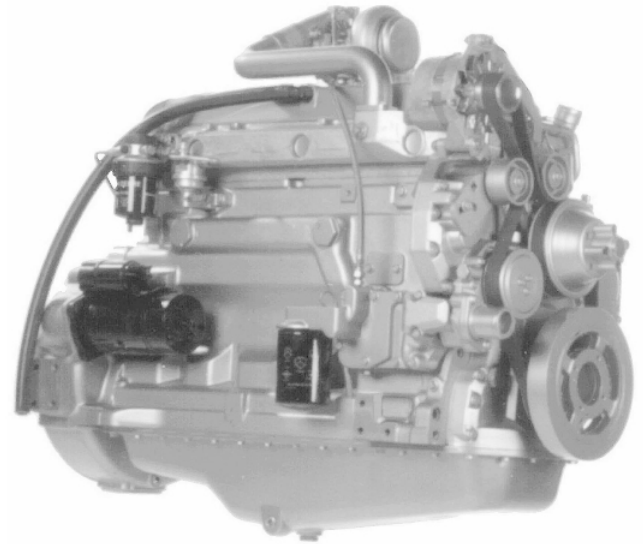
Intermittent	447 lb-ft (606 N.m) @ 1200 rpm
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#### Fuel Economy

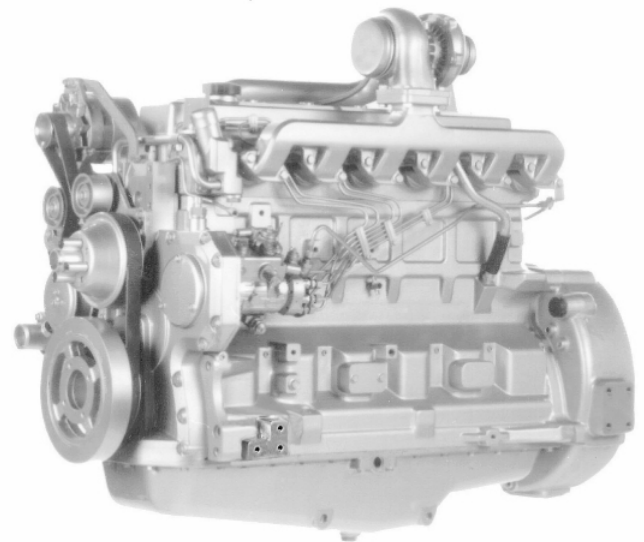
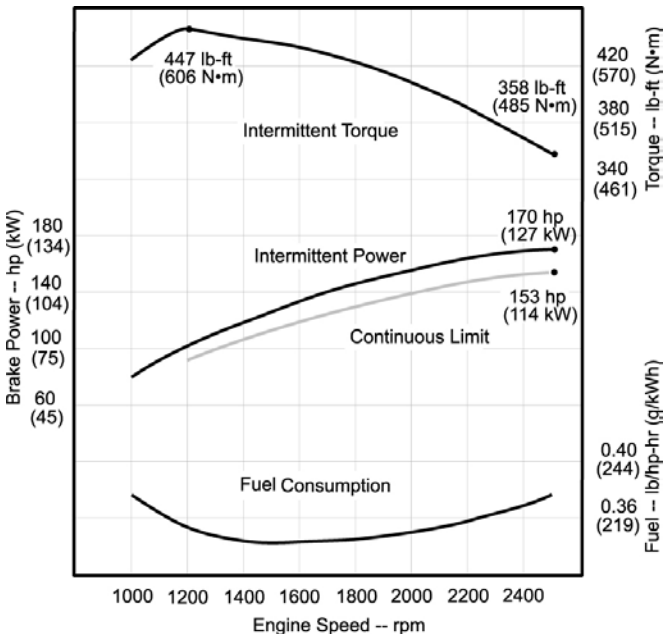
BSFC	0.377 lb/hp-hr (230 g/kWh) @ 2500 rpm
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RATED BHP is the power rating for variable speed and load applications where full power is required intermittently. CONTINUOUS BHP is the power rating for applications operating under a constant load and speed for long periods of time. POWER OUTPUT is within + or - 5% at standard SAE J 1995 and ISO 3046.

EMISSION CERTIFICATIONS: CARB, EPA, and EU.



### PERFORMANCE CURVE



Photographs may show non-standard equipment

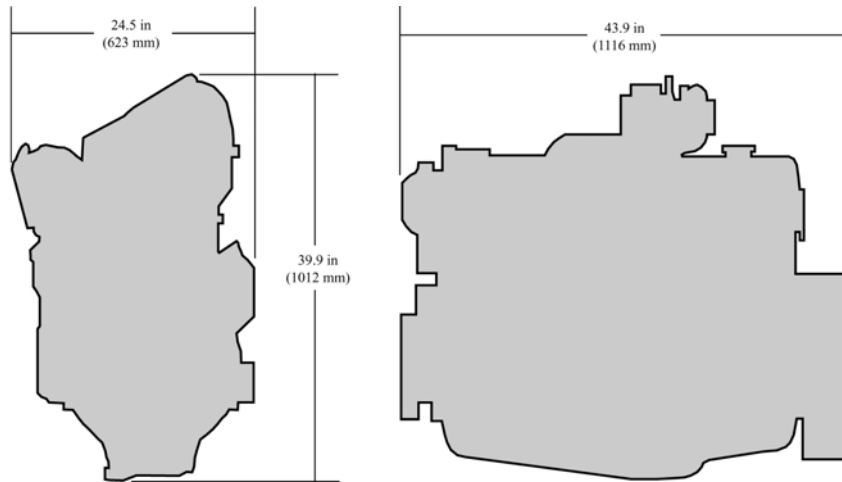


PowerTech™  
**6068T Diesel Engine**  
Specifications

## GENERAL DATA

Model	6068TF150	Aspiration	Turbocharged
Number of Cylinders	6	Length - in. (mm)	43.9 (1116)
Displacement - L (cu.in)	6.8 (414)	Width - in. (mm)	24.5 (623)
Bore and Stroke - in. (mm)	4.19 x 5.00 (106 x 127)	Height - in. (mm)	39.9 (1012)
Compression Ratio	17.0:1	Weight (Dry) - lb. (kg)	1212 (551)
Engine Type	In-line, 4-cycle		

## DIMENSIONS



## 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 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

*Specifications and design subject to change without notice*



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