



***For Your Convenience: This Caterpillar
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YOUR ONE STOP SUPERSTORE FOR DIESEL ENGINE PARTS

SHOP NOW



Engine Pictured with
Optional Equipment

BENEFITS

- **HIGH PERFORMANCE**
Horsepower and torque capabilities optimized.
- **BROAD APPLICATION RANGE**
Big displacement, more performance for your money, and convenient installation.
- **QUALITY BY DESIGN FOR DURABILITY**
Product design and process improvements have been used from early stages to enhance engine reliability and durability.
- **FUEL ECONOMY**
Improved fuel efficiency gives savings in operating costs.
- **CLEAN AND QUIET POWER**
Cleaner and quieter, meeting EPA Tier 2 emissions standards and free from visible smoke throughout operational speed range.
- **EASY LOW-COST MAINTENANCE**
Convenient positioning of service points for easy accessibility. Service intervals at 500 hours as standard.
- **ELECTRONIC CONTROL**
Full-authority electronic control is fitted as standard to give the operator full machine integration, engine history, and machine protection.
- **WEB SITE**
For additional information on all your power requirements, visit www.cat.com.

Industrial Diesel Engine

3056E

Air-To-Air Aftercooled

Special Rating

129 bkW/173 bhp
2200 rpm

CATERPILLAR® ENGINE SPECIFICATIONS

In-Line 6 Cylinder, Four-Stroke-Cycle Diesel

Bore — mm (in) 100 (3.94)

Stroke — mm (in)..... 127 (5.00)

Displacement — liter (cu in) 5.98 (365)

Maximum Power — bkW (bhp)..... 135 (181)

Maximum Power — rpm..... 2000

Combustion System Direct injection

Rotation (from flywheel end) .. Counterclockwise

Capacity for Liquids — L (U.S. gal)

Cooling System (engine only)..... 15.5 (4.07)

Lube Oil System (refill) typical 13.1 (3.75)

Weight, Net Dry (approximate) —

kg (lb) 505 (1113)

STANDARD EQUIPMENT

Cast iron engine block
Flywheel and flywheel housing
Electronic control module
Thermostart starting aid
Choice of lube oil sumps
Alternative oil fillers and dipsticks
Cast iron multi-piece exhaust manifold
Choice of turbocharger outlets
Coolant pump gear-driven
Choice of cooling fans
Starter motor 12V or 24V
Alternator, 12V or 24V
Choice of cooling water outlets
Provision for PTOs

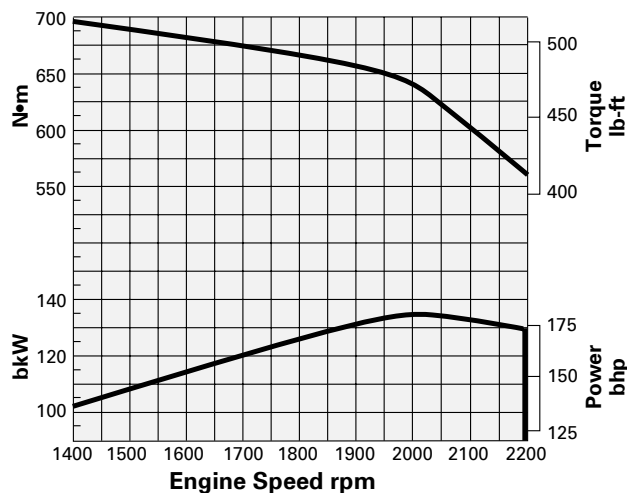
OPTIONAL

Ecoplus fuel filter
Ecoplus lube oil filter



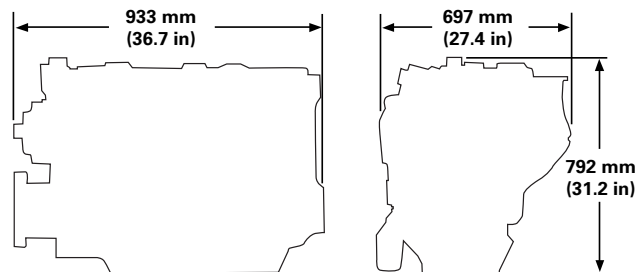
PERFORMANCE DATA

Turbocharged Air-To-Air Aftercooled



Gross Intermittent Power = SAE J1995
Other ratings are available.
Lower power ratings should not be read from this curve.

DIMENSIONS



Note: Dimensions and weight depend on final specifications.

RATING DEFINITIONS AND CONDITIONS

Intermittent is the horsepower and speed capability of the engine which can be used for about one hour, followed by an hour of operation at or below the continuous rating.

Continuous is the horsepower and speed capability of the engine which can be used without interruption or load cycling.

Additional ratings are available for specific customer requirements. Consult your Caterpillar dealer.

Ratings are based on SAE J1995 standard conditions of 100 kPa (29.61 in Hg) and 25° C (77° F). These ratings also apply at ISO/TR14396, standard conditions and to DIN6271 and BS5514 standard conditions of 100 kPa (29.61 in Hg), 27° C (81° F) and 30% relative humidity.

Fuel consumption is based on fuel oil having an LHV of 42 780 kJ/kg (18 390 Btu/lb) and weighing 845-850 g/liter (7.052-7.094 lb/U.S. gal). Power ratings are based on engine equipped with fuel, lube oil, and jacket water pumps but without fan.