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) .... 15.5 (4.07)
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)

Industrial Diesel Engine

3056E
Air-To-Air Aftercooled

Special Rating 129 bkW/173 bhp
2200 rpm

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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.

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.

**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.

**DIMENSIONS**

Note: Dimensions and weight depend on final specifications.

Materials and specifications are subject to change without notice.

The International System of Units (SI) is used in this publication.

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