**FEATURES**

**Emissions**
Meets 2013 U.S. EPA Tier 4 Final emission standards.

**Reliable, Quiet and Durable Power**
World-class manufacturing capability and processes coupled with proven core engine designs assure reliability, quiet operation, and many hours of productive life.

**High Performance**
Substantial torque rise delivers impressive performance through a wide speed range while maintaining low operating costs.

**Fuel Efficiency**
Fuel consumption optimized to match operating cycles of a wide range of equipment and applications.

**Broad Application Range**
Industry-leading range of factory configurable ratings and options for agricultural, materials-handling, construction, mining, aircraft ground support, and other industrial applications.

**Package Size**
Ultra-compact package size ensures ease of installation as well as exceptional power density.

**Low-Cost Maintenance**
Single-side servicing improves ease of maintenance and simplifies the servicing routine. Service intervals at 500 hours are standard.

**Testing**
Every Cat® engine is quality tested to ensure proper engine performance.

**World-class Product Support Offered Through Global Cat Dealer Network**
- Scheduled maintenance
- Customer Support Agreements (CSA)
- Caterpillar Extended Service Coverage (ESC)
- Superior dealer service network
- Extended dealer service network through the Cat Industrial Service Distributor (ISD) program

*Web Site: For additional information on all your power requirements, visit www.cat-industrial.com.*
STANDARD EQUIPMENT

Air Inlet
Inlet manifold with choice of inlets

Control System
Alternator 12V 85A, starter motor 12V, glow plug starting aid

Cooling System
Belt-driven coolant pump, coolant temperature switch, choice of cooling fans

Flywheel & Flywheel Housing
SAE No. 7-1/2 flywheel, choice of SAE No. 4 or SAE No. 5 or standard backplate flywheel housing

Fuel System
Simple, robust indirect injection fuel pump, spin-on fuel filter

Lube System
Alternative oil fillers, spin-on lube oil filter, lube oil pressure switch, lube oil sump

Power Take-Off
SAE A PTO drive

General
Cast iron engine block, cast iron exhaust manifold – side outlet, cold start capability to -20°C (-4°F), gradeability 35° continuous

DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>(1) Length</th>
<th>577.3 mm (22.7 in)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(2) Width</td>
<td>624 mm (24.6 in)</td>
</tr>
<tr>
<td></td>
<td>(3) Height</td>
<td>712 mm (28 in)</td>
</tr>
</tbody>
</table>
**PERFORMANCE DATA — PRELIMINARY**

Turbocharged — 2400-3000 rpm

**RATING DEFINITIONS AND CONDITIONS**

**IND-C (Intermittent)** is the horsepower and speed capability of the engine where maximum power and/or speed are cyclic (time at full load not to exceed 50%).

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

**Rating Conditions for Diesel Engines — up to 7.1 liter** are based on ISO/TR14396, inlet air standard conditions with a total barometric pressure of 100 kPa (29.5 in. Hg), with a vapor pressure of 1 kPa (.295 in. Hg), and 25°C (77°F). Performance is measured using fuel to specification U.S. EPA 2D 89.330-96 with a density of 0.845-0.850 kg/L @ 15°C (59°F) and fuel inlet temperature 40°C (104°F).
C1.5
Industrial Engine
Tier 4 Final
25.2-27.6 bkW/33.8-37 bhp @ 2400-3000 rpm

AFTERTREATMENT CONFIGURATION

170 mm (6.7 in) Diameter Base Configuration

Approximate Size and Weight
(1) Length — 449 mm (17.6 in)
Weight — 13 kg (28.7 lbs)

Note: Final weight and dimensions will depend on completed specification.

Images shown may not reflect actual aftertreatment.

AFTERTREATMENT FEATURES

Regeneration:
Highly effective passive regeneration under most operating environments and cycles. Automatic, transparent active regeneration backup system during light load or adverse operating cycles. Wall flow DPF and through-flow DOC to effectively remove and manage emissions.

Mounting: Multiple off- and on-engine installation options provide customers with simple and flexible solutions for many applications.

Service: Minimum 3,000 hour DPF ash service intervals.

STANDARD EMISSIONS CONTROL EQUIPMENT

DPF: Diesel Particulate Filter with range of outlet options
DOC: Diesel Oxidation Catalyst

Materials and specifications are subject to change without notice. The International System of Units (SI) is used in this publication. CAT, CATERPILLAR, their respective logos, S-O-S, “Caterpillar Yellow” and the “Power Edge” trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

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