

PRODUCT SPECIFICATIONS FOR C15



| | |
|-----------------------------------|---|
| Maximum Power | 444 kW |
| Maximum Torque | 2717 Nm @ 1400 rpm |
| Rated Speed | 1800-2100 rpm |
| Minimum Power | 328 kW |
| Emissions | China Nonroad III, U.S. EPA Tier 3 Equivalent, EU Stage IIIA Equivalent |
| Engine Configuration | Inline 6, 4-Stroke-Cycle Diesel |
| Bore | 137 mm |
| Stroke | 171 mm |
| Displacement | 15.2 l |
| Compression Ratio | 18.0:1 |
| Aspiration | Turbocharged Aftercooled (TA) |
| Combustion System | Direct Injection |
| Rotation from Flywheel End | Counterclockwise |
| Aftertreatment | - |
| Length | 1377 mm |

Width 919 mm

Height 1226 mm

Weight - Net Dry - Basic Operating Engine Without Optional Attachments 1469 kg

C15 STANDARD EQUIPMENT

AIR INLET SYSTEM

Turbocharged

Air-to-Air Aftercooled

CONTROL SYSTEM

Electronic governing, PTO speed control

Programmable ratings

Automatic altitude compensation

Power compensation for fuel temperature

Programmable low and high idle and total engine limit

Electronic diagnostics and fault logging

Engine monitoring system SAE J1939 broadcast and control

ADEM™ A4 Electronic Control Unit (ECU)

COOLING SYSTEM

Thermostats and housing, vertical outlet

Jacket water pump, centrifugal

Water pump, inlet

EXHAUST SYSTEM

Exhaust manifold, dry

Optional exhaust outlet

FLYWHEELS AND FLYWHEEL HOUSING

SAE No. 1 flywheel housing

342 NO. 1 Flywheel housing

FUEL SYSTEM

MEUI injection

Fuel filter, secondary (2 micron)

Fuel filter, tertiary (2 micron)

ACERT™ Technology

Fuel transfer pump

Fuel priming pump

LUBE SYSTEM

Crankcase breather

Oil cooler

Oil filler

Lube oil filter

Front sump oil pan

Oil dipstick

Gear driven oil pump

GENERAL

Vibration damper

Lifting eyes

Cold start capability to -20° C (-4° F)

Paint: Caterpillar yellow, with optional colors available at request

