

PRODUCT SPECIFICATIONS FOR C15



Maximum Power	403 kW
Rated Speed	1800-2100 rpm
Minimum Power	328 kW
Emissions	China Stage II, U.S. EPA Tier 3 Equivalent, EU Stage IIIA Equivalent
Engine Configuration	Inline 6, 4-Stroke-Cycle Diesel
Bore	137.2 mm
Stroke	171.4 mm
Displacement	15.2 l
Compression Ratio	18.0:1
Aspiration	Turbocharged Aftercooled (TA)
Rotation from Flywheel End	Counterclockwise
Aftertreatment	-
Length	2448 mm
Width	1317 mm
Height	2630 mm
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Weight

2055 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

FUEL SYSTEM

MEUI injection

Fuel filter, secondary (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

