

PRODUCT SPECIFICATIONS FOR C13



| | |
|-----------------------------------|--|
| Maximum Power | 328 kW |
| Rated Speed | 1800-2100 |
| Minimum Power | 287 kW |
| Emissions | China Stage II, U.S. EPA Tier 2 Equivalent or U.S. EPA Tier 3 Equivalent, EU Stage II Equivalent or EU Stage IIIA Equivalent |
| Engine Configuration | Inline 6, 4-Stroke-Cycle Diesel |
| Bore | 130 mm |
| Stroke | 157 mm |
| Displacement | 12.5 l |
| Compression Ratio | 17.0:1 |
| Aspiration | Turbocharged Aftercooled (TA) |
| Rotation from Flywheel End | Counterclockwise |
| Aftertreatment | - |
| Length | 1295 mm |
| Width | 1186 mm |
| Height | 1054 mm |

Weight

1692 kg

C13 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

