

PRODUCT SPECIFICATIONS FOR C1.1



| | |
|-----------------------------------|---|
| Maximum Power | 18.4 kW |
| Maximum Torque | 86 Nm @ 1600 rpm |
| Rated Speed | 2800 rpm |
| Minimum Power | 14.4 kW |
| Emissions | U.S. EPA Tier 4 Final, EU Stage V |
| Engine Configuration | In-Line 3 |
| Bore | 77 mm |
| Stroke | 81 mm |
| Displacement | 1.13 l |
| Compression Ratio | 23.0:1 |
| Aspiration | Naturally Aspirated (NA)/Turbocharged (T) |
| Combustion System | Indirect Injection |
| Rotation from Flywheel End | Counterclockwise |
| Aftertreatment | - |
| Length | 491 mm |

Width 400 mm

Height 576 mm

Weight - Net Dry - Basic Operating Engine Without Optional Attachments 96 kg

C1.1 STANDARD EQUIPMENT

AIR INLET SYSTEM

Inlet manifold with choice of inlets.

CONTROL SYSTEM

Alternator 12 volt 65 amp

Starter motor 12 volt

Glow plug starting aid

COOLING SYSTEM

Belt-driven coolant pump

Coolant temperature switch

FLYWHEEL AND FLYWHEEL HOUSING

SAE No. 6 1/2 flywheel

Choice of SAE No. 5 or standard backplate flywheel housing

U.S. EPA Tier 4 Final: Standard backplate flywheel housing and flatface flywheel

FUEL SYSTEM

Fuel injection pump

Spin-on fuel filter

LUBE SYSTEM

Low profile oil pan

Spin-on lube oil filter

Lube oil pressure switch

POWER TAKE OFF (PTO)

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Provision for Power Take Off (PTO)

GENERAL

Cast iron, engine block

Cast iron exhaust manifold--side outlet

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

Paint: Caterpillar yellow, with optional colors available at request