

PRODUCT SPECIFICATIONS FOR C1.1



Maximum Power	21 kW
Maximum Torque	67 Nm @ 2400 rpm
Rated Speed	2200-3400 rpm
Minimum Power	14.7 kW
Emissions	U.S. EPA Tier 4 Interim Equivalent
Engine Configuration	Inline 3, 4-Stroke-Cycle Diesel
Bore	77 mm
Stroke	81 mm
Displacement	1.13 l
Compression Ratio	23.0:1
Aspiration	Naturally Aspirated (NA)
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 87 kg

C1.1 STANDARD EQUIPMENT

AIR INLET SYSTEM

Inlet manifold with choice of inlets.

CONTROL SYSTEM

Alternator 12 volt 40 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

FUEL SYSTEM

Fuel injection pump

Spin-on fuel filter

Electronic Shut-off Solenoid (ESOS)

LUBE SYSTEM

Low profile oil pan

Spin-on lube oil filter

Lube oil pressure switch

GENERAL

Cast iron, engine block

Cast iron exhaust manifold--side outlet

Paint: Caterpillar yellow, with optional colors available at request