

PRODUCT SPECIFICATIONS FOR C0.5



Maximum Power	10.2 kW
Maximum Torque	29.7 Nm @ 2600 rpm
Rated Speed	2800-3600 rpm
Minimum Power	8.2 kW
Emissions	U.S. EPA Tier 4 Interim Equivalent
Engine Configuration	Inline 2, 4-Stroke-Cycle Diesel
Bore	67 mm
Stroke	72 mm
Displacement	0.5 l
Compression Ratio	23.5:1
Aspiration	Naturally Aspirated (NA)
Combustion System	Indirect Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	-
Length	407 mm

Width 371 mm

Height 523 mm

Weight - Net Dry - Basic Operating Engine Without Optional Attachments 57 kg

C0.5 STANDARD EQUIPMENT

AIR INLET SYSTEM

Inlet manifold with choice of inlets.

CONTROL SYSTEM

Alternator 12 volt 14 amp

Starter motor 12 volt

Glow plug starting aid

COOLING SYSTEM

Belt-driven coolant pump

Coolant temperature switch

Choice of cooling fans

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

Closed circuit breather

Spin-on lube oil filter

Lube oil pressure switch

Lube oil sump

GENERAL

Cast iron, engine block

Cast iron exhaust manifold--side outlet

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

Gradeability 35° continuous

Paint: Caterpillar yellow, with optional colors available at request