

Product Specifications For C0.5



Power Rating

Maximum Power	10.2 kW
Maximum Torque	29.7 Nm @ 2600 rpm
Rated Speed	2000-3600 rpm
Minimum Power	8.2 kW

Emission Standards

Emissions	U.S. EPA Tier 4 Final, EU Stage V
-----------	-----------------------------------

General

Engine Configuration	In-Line 2
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

Engine Dimensions - Approximate

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

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

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