

Product Specifications For C1.5



Power Rating

Maximum Power	18.4 kW
Maximum Torque	86 Nm @ 1800 rpm
Rated Speed	2200/2800 rpm
Minimum Power	18.4 kW

Emission Standards

Emissions	U.S. EPA Tier 4 Final
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General

Engine Configuration	In-Line 3
Bore	84 mm
Stroke	90 mm
Displacement	1.496 l
Compression Ratio	22.5:1
Aspiration	Naturally Aspirated (NA)
Combustion System	Indirect Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	-

Engine Dimensions - Approximate

Length	572 mm
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Width	453 mm
Height	643 mm
Weight - Net Dry - Basic Operating Engine Without Optional Attachments	148 kg

C1.5 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

Tier 4 Final: Alternator 12V 85 amp

Cooling System

Belt-driven coolant pump

Coolant temperature switch

Choice of cooling fans

Flywheel & Flywheel Housing

Naturally Aspirated: SAE No. 7 1/2 flywheel

Naturally Aspirated: Choice of SAE No. 4 or standard backplate flywheel housing

Fuel System

Fuel injection pump

Spin-on fuel filter

Electronic Shut-off Solenoid (ESOS)

Lube System

Alternative oil fillers

Spin-on lube oil filter

Lube oil pressure switch

Lube oil sump

Power Take Off (PTO)

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)

Gradeability 35° continuous