

# Product Specifications For C1.1



## Power Rating

Maximum Power	24 hp
Maximum Torque	63 lb-ft @ 1600 rpm
Rated Speed	2800 rpm
Minimum Power	19.3 hp

## Emission Standards

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

Engine Configuration	In-Line 3
Bore	3 in
Stroke	3.2 in
Displacement	69 in <sup>3</sup>
Compression Ratio	23.0:1
Aspiration	Naturally Aspirated (NA)/Turbocharged (T)
Combustion System	Indirect Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	-

## Engine Dimensions - Approximate

Length	19.3 in
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<b>Width</b>	15.8 in
<b>Height</b>	22.7 in
<b>Weight - Net Dry - Basic Operating Engine Without Optional Attachments</b>	211 lb

## 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)

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