

Power Rating

Maximum Power	55 kW
Maximum Torque	270 Nm @ 1600 rpm
Rated Speed	2800 rpm
Minimum Power	45 kW

Emission Standards

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

Engine Configuration	In-Line 4, 4-Stroke-Cycle Diesel
Bore	84 mm
Stroke	100 mm
Displacement	2.2 l
Compression Ratio	17.0:1
Aspiration	Turbocharged (T) or Turbocharged-Aftercooled (TA)
Combustion System	Direct Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	DOC+DPF

Engine Dimensions - Approximate

Length	807 mm
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Width	529 mm
Height	766 mm
Weight - Net Dry - Basic Operating Engine Without Optional Attachments	231 kg

Aftertreatment Dimensions

Length	408 mm
Weight	5.8 kg

Aftertreatment Dimensions*

Diameter	155 mm
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C2.2 Standard Equipment

Control System

- Alternator 12 volt 85 amp
- Starter motor 12 volt
- Glow plug starting aid, delivers heat directly to cylinder for best starting performance in cold weather
- Electronic control unit - chassis mounted
- Flexible and configurable software features and well supported SAE J1939 CAN bus enables highly integrated machines
- Wiring harness connectors and sensors are waterproof and designed to withstand harsh off-highway environments

Flywheels And Flywheel Housing

- SAE No. 4 standard flywheel housing
- Choice of flywheel weight and bolting pattern to accommodate a range of industry-standard hydraulic pumps and transmissions

Fuel System

- 2000 bar high-pressure common rail system
- Proprietary fuel filters to ensure engine protection through correct service procedures, along with water-in-fuel detection, ensures maximum machine up-time for the operator

Lube System

- Alternative oil fillers
- Spin-on lube oil filter

Power Take Off (PTO)

SAE A PTO drive

General

Cast iron engine block

Cast iron exhaust manifold

Gradeability 35° continuous

Paint: Cat yellow

Aftertreatment/Clean Emissions Control Equipment

Diesel Oxidation Catalyst (DOC)

Diesel Particulate Filter (DPF)