

# Product Specifications For C2.8



## Power Rating

Maximum Power	55 kW
Maximum Torque	380 Nm @ 1360 rpm
Rated Speed	2200 - 2400 rpm
Minimum Power	50 kW

## Emission Standards

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

Engine Configuration	In-Line 4
Bore	90 mm
Stroke	110 mm
Displacement	2.8 l
Compression Ratio	17.0:1
Aspiration	Turbocharged (T) and Turbocharged-Aftercooled (TA)
Combustion System	Direct Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	DOC+DPF

## Engine Dimensions - Approximate

Length	633 mm
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<b>Width</b>	543 mm
<b>Height</b>	786 mm
<b>Weight - Net Dry - Basic Operating Engine Without Optional Attachments</b>	340 kg

## C2.8 Standard Equipment

### Air Inlet System

Induction manifolds  
Exhaust manifolds  
Engine-mounted aftertreatment

### Control System

Starter motor (12V)  
Alternator (12V)  
Electronic Control Unit (chassis mounted)  
Engine control sensors and robust wiring harness  
Data interface via CANbus J1939

### Flywheels And Flywheel Housing

Flywheel housings – SAE 3 or SAE 4  
Choice of flywheel to match industry common hydraulic pumps and transmissions  
Side PTO with SAE A or SAE B interface

### Fuel System

Fuel filter – preconnected but chassis mounted  
With water sensor

### Lube System

Lubricating oil filters  
High incline oil pan – 35° continuous in all directions

### General

Cold start capability to -20° C (-4° F) with standard equipment  
Paint: Caterpillar yellow, with optional colors available at request

## U.S. EPA Tier 4 Final, Proposed EU Stage V Aftertreatment/ Clean Emissions

### Control Equipment

Diesel Oxidation Catalyst (DOC) (Tier 4 Final and Stage V)  
Diesel Particulate Filter (DPF) (Stage V)