

PRODUCT SPECIFICATIONS FOR C2.8



Maximum Power	55 kW
Maximum Torque	380 Nm @ 1360 rpm
Rated Speed	2200 - 2400 rpm
Minimum Power	50 kW
Emissions	U.S. EPA & CARB Tier 4 Final, EU Stage V
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
Length	633 mm

Width 543 mm

Height 786 mm

Weight - Net Dry - Basic Operating Engine Without Optional Attachments 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

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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)