

# Product Specifications For C1.7



## Power Rating

Maximum Power	36 kW
Maximum Torque	166 Nm @ 1600 rpm
Rated Speed	2800 rpm

## Emission Standards

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

## General

Engine Configuration	In-Line 3
Bore	84 mm
Stroke	100 mm
Displacement	1.7 l
Compression Ratio	17.0:1
Aspiration	Turbocharged (T)
Combustion System	Direct Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	DOC+DPF

## Engine Dimensions - Approximate

Length	713 mm
Width	536 mm

**Height**

722 mm

**Weight - Net Dry - Basic Operating Engine Without Optional Attachments**

190 kg

## **C1.7 Standard Equipment**

### **Air Inlet System**

Standard air cleaner

Turbocharger

### **Control System**

Alternator 12 volt 85 amp

Starter motor 12 volt

Glow plug starting aid

Electronic control unit

Flexible and configurable software features and well supported SAE J1939 CAN bus enables highly integrated machines

All connectors and wiring harness are waterproof and designed to withstand harsh non-road environments

Robust reliable sensors

### **Cooling System**

Belt-driven coolant pump

Coolant temperature switch

Choice of cooling fans

Fan drive options

### **Flywheel & Flywheel Housing**

Flywheel and flywheel housing options

### **Fuel System**

Electronic 2000 bar common rail fuel system

Spin-on fuel filter

Simple pintle nozzle injectors

### **Lube System**

Spin on oil filter

Lube oil pressure switch

Sump options for various applications

### **Power Take Off (PTO)**

SAE A PTO drive

## **General**

Cast iron, engine block

Cast iron exhaust manifold options

Paint: Caterpillar yellow, with optional colors available at request

Induction manifold options

Engine mounting

Block heater provision

## **Aftertreatment/Clean Emissions Control Equipment**

Diesel Oxidation Catalyst (DOC)

Diesel Particulate Filter (DPF)