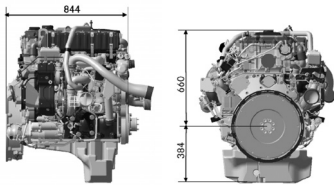


Industrial

# Diesel Engine 4R 1000

for C&amp;I Applications

with EPA Tier 4 and EU Stage IV Certification



## Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
<b>4R 1000 C</b>	844x847x1044 (33.2x33.3x41.1)	540 (1190)

All dimensions are approximate, for complete information refer to the installation drawing.

Engine Model		
Bore/stroke	mm (in)	110/135 (4.3/5.3)
Cylinder configuration		4 inline
Displacement, total	l (cu in)	5.1 (311)
Fuel specification		DIN EN 590, ASTM D975 (DF1, DF2)

Engine Type	Rated Power			Peak Torque			Fuel Consumption at rated power	Fuel Consumption at peak torque
	Model	kW	bhp	rpm	Nm	lb-ft	rpm	g/kWh
<b>4R 1000 C20</b>	<b>100</b>	<b>134</b>	2200	600	443	1200-1600	215	198
<b>4R 1000 C30</b>	<b>129</b>	<b>173</b>	2200	750	553	1200-1600	215	198
<b>4R 1000 C40</b>	<b>150</b>	<b>201</b>	2200	800	590	1200-1600	215	198
<b>4R 1000 C50</b>	<b>170</b>	<b>228</b>	2200	900	664	1200-1600	215	198

Ratings acc. to ECE R 120

1) Emissions: EPA: US Nonroad Regulation 40 CFR 89 Tier 4  
EU: EU Directive 97/68/EC stage IV



Power. Passion. Partnership.

## Standard Equipment

24 Volt starter

28 Volt alternator, 100 A

Common rail injection system

Electronic engine management

Electronic interface module

Turbo charging air to air cooling

High pressure EGR system

One-box aftertreatment system with SCR and DPF\* incl. muffler

Close crankcase ventilation

SAE 2 flywheel housing

\* Development without DPF in progress

Reference conditions:

> Intake temperature: 25°C (77°F)

> Charge air temperature: 40°C

> Altitude: 200 m (656 ft)

> Air intake restriction: 25 mbar

Subject to change without notice. Customization possible. Engines illustrated in this document may feature options not fitted as standard to standard engine.

## Optional Equipment

Exhaust brake system

SAE 1 flywheel housing

Aux REPTO

Air compressor

AC compressor

Flex engine mounts

Elevated fan drive

Cooling fan