

Industrial

Diesel Engine 4R 1000/OM 934

for C&I, Mining, Agriculture and Forestry Applications
with EU Stage V Certification



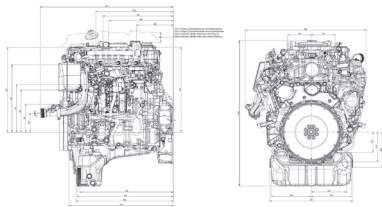
Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
4R 1000 C01	948 x 860 x 1033 (37.3 x 33.8 x 40.7)	510 (1124) ¹⁾

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

¹⁾ DIN 70020

Engine Model		
Bore/stroke	mm (in)	110/135 (4.3/5.3)
Cylinder configuration		4 inline
Displacement, total	l (cu in)	5.13 (313)
Fuel specification		DIN EN 590 Stand 2010ff



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
4R 1000 C21	115	154	2200	675	498	1200-1500	197	193
4R 1000 C31	129	173	2200	750	553	1200-1600	197	193
6R 1000 C41	150	201	2200	850	627	1200-1600	192	188
6R 1000 C51	170	228	2200	950	701	1200-1600	194	190

Ratings acc. to ECE R 120

Emissions: EU Nonroad Stage V (2016/1628)

manufactured by



customized by



Standard Equipment

24 Volt Starter/Generator

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/DPF incl. muffler

Closed crankcase ventilation

SAE 3 flywheel housing

Exhaust brake system

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

12 Volt Starter/Generator

SAE 1/2 flywheel housing

Aux REPTO

Air compressor

AC compressor

Flex engine mounts

Elevated fan drive

Cooling fan