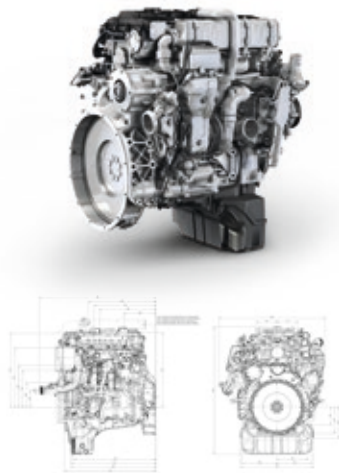




Industrial

DIESEL ENGINE 4R 1000/OM 934

for C&I, Mining, Agriculture and Forestry applications with EU Stage V certification



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		
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

manufactured by



customized by



Optional equipment and finishing shown. Standard may vary.

Engine type	Rated power			Peak torque			Fuel consumpt. at rated power	Fuel consumpt. at peak torque
	kW	bhp	rpm	Nm	lb-ft	rpm	g/kWh	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
4R 1000 C41	150	201	2200	850	627	1200-1600	192	188
4R 1000 C51 *	170	228	2200	950	701	1200-1600	194	190

Ratings acc. to ECE R 120

Emissions: EU Nonroad Stage V (2016/1628)
EU Nonroad St V (2016/1628) + EPA Nonroad T4
* MSHA/CANMET certified

Standard equipment	Optional equipment
24 Volt starter/generator	12 Volt starter/generator
Common rail injection system	SAE 1/2 flywheel housing
Electronic engine management	Aux REPTO
Electronic interface module	Air compressor
Turbo charging air to air cooling	AC compressor
High pressure EGR system	Flex engine mounts
One-box aftertreatment system with SCR/DPF incl. muffler	Elevated fan drive
Closed crankcase ventilation	Cooling fan
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.