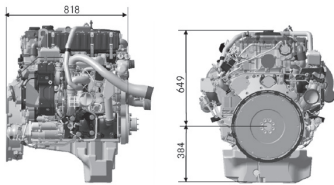


Industrial

Diesel Engine 4R 1000/OM 934

for C&I, Mining, Agriculture and Forestry Applications
with EPA Tier 4 and EU Stage IV Certification



Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
4R 1000 C	948 x 859 x 1033 (37.3 x 29.7 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)	5.1 (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
4R 1000 C10	100	134	2200	600	443	1200-1500	206	189
4R 1000 C20	115	154	2200	675	498	1200-1500	205	189
4R 1000 C30	129	173	2200	750	553	1200-1600	205	189
4R 1000 C40	150	201	2200	800	590	1200-1600	194	184
4R 1000 C50	170	228	2200	900	664	1200-1600	193	185

Ratings acc. to ECE R 120

Emissions: EPA Nonroad T4 Comp (40CFR1039)
EU Nonroad St IV (97/68/EC)
UN ECE R96 Emission Flex Package (EFP)

manufactured by



optimized by



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 incl. muffler

Closed crankcase ventilation

SAE 2 flywheel housing

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 1/3 flywheel housing

Aux REPTO

Air compressor

AC compressor

Flex engine mounts

Elevated fan drive

Cooling fan