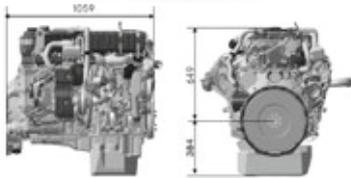




Industrial

DIESEL ENGINE 6R 1000/OM 936

for C&I, Mining, Agriculture and Forestry applications with EPA Tier 4 certification



Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
6R 1000 C	1079 x 924 x 1086 (42.5 x 36.4 x 42.8)	669 (1475) 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		6 inline
Displacement, total	l (cu in)	7.7 (470)
Fuel specification		DIN EN 590, ASTM D975 (DF1, DF2)

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
6R 1000 C20	180	241	2200	1000	738	1200-1600	203	187
6R 1000 C30	210	282	2200	1150	848	1200-1600	203	186
6R 1000 C40	230	308	2200	1250	922	1200-1600	205	189
6R 1000 C50	260	349	2200	1400	1033	1200-1600	205	190

Ratings acc. to ECE R 120

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

Standard equipment	Optional equipment
24 Volt starter	Exhaust brake system
28 Volt alternator, 100 A	SAE 2/3 flywheel housing
Common rail injection system	Aux REPTO
Electronic engine management	Air compressor
Electronic interface module	AC compressor
Turbo charging air to air cooling	Flex engine mounts
High pressure EGR system	Elevated fan drive
One-box aftertreatment system with SCR incl. muffler	Cooling fan
Closed crankcase ventilation	
SAE 1 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.