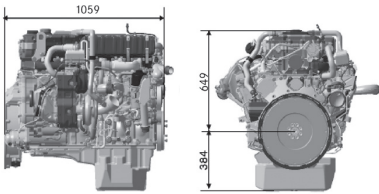


Industrial

# Diesel Engine 6R 1000/OM 936

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)
<b>6R 1000 C</b>	1079 x 924 x 1086 (42.5 x 36.4 x 42.8)	669 (1475) <sup>1)</sup>

All dimensions are approximate, for complete information refer to the installation drawing.  
<sup>1)</sup> DIN 70020

Engine Model		
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)

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

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 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.

## Optional Equipment

Exhaust brake system

SAE 2/3 flywheel housing

Aux REPTO

Air compressor

AC compressor

Flex engine mounts

Elevated fan drive

Cooling fan