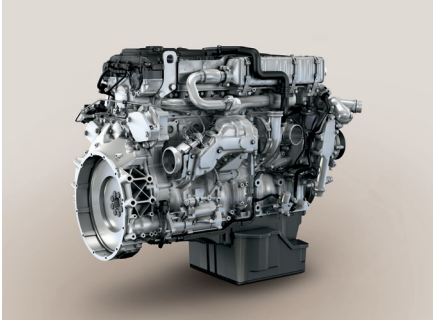


Industrial

Diesel Engine 6R 1000/OM 936

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



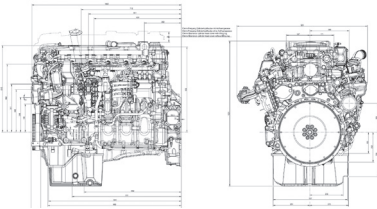
Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
6R 1000 C01	1067 x 929 x 1031 (42 x 36.6 x 40.6)	672 (1481.5) 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		6 inline
Displacement, total	l (cu in)	7.7 (470)
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
6R 1000 C11	180	241	2200	1000	738	1200-1600	196	192
6R 1000 C21	195	261	2200	1100	811	1200-1600	197	192
6R 1000 C31	210	282	2200	1200	885	1200-1600	197	192
6R 1000 C41	230	308	2200	1300	959	1200-1600	200	192
6R 1000 C51	260	349	2200	1450	1069	1200-1600	204	195
6R 1000 C61	280	375	2200	1550	1143	1200-1600	207	198

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 2 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 1/3 flywheel housing

Aux REPTO

Air compressor

AC compressor

Flex engine mounts

Elevated fan drive

Cooling fan