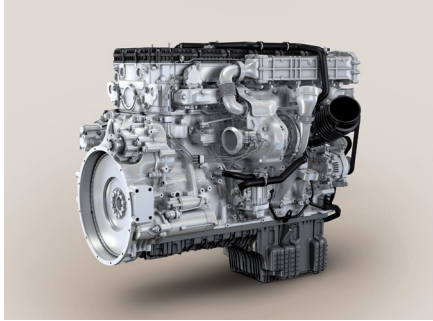


Industrial

Diesel Engine 6R 1300/OM 471

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

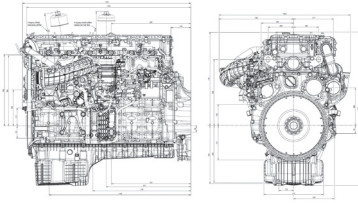


Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
6R 1300 C01	1393 x 1043 x 1215 (54.8 x 41 x 47.8)	1071 (2361.1) ¹⁾

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

Engine Model		
Bore/stroke	mm (in)	132/156 (5.2/6.1)
Cylinder configuration		6 inline
Displacement, total	l (cu in)	12.8 (781)
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 1300 C21	320	429	1600	2200	1623	1300	190	186
6R 1300 C31	340	456	1600	2300	1696	1300	190	186
6R 1300 C41	360	483	1600	2400	1770	1300	192	189
6R 1300 C51	390	523	1600	2600	1918	1300	196	192

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 1 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

Open crankcase ventilation
