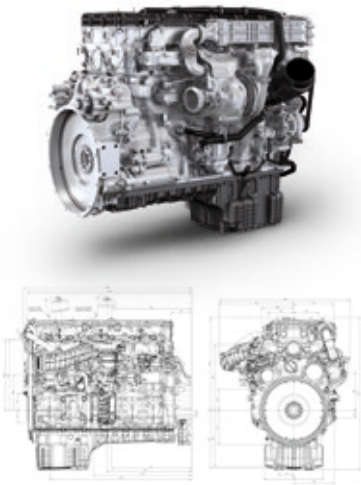




Industrial

DIESEL ENGINE 6R 1300/OM 471

for C&I, Mining, Agriculture and Forestry applications with EU Stage V certification



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		
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

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 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 C61 *	390	523	1600	2600	1918	1300	196	192

Ratings acc. to ECE R 120

Emissions: EU Nonroad Stage V (2016/1628)
EU Nonroad St V (2016/1628) + EPA Nonroad T4
* CANMET certified

Standard equipment	Optional equipment
24 Volt starter/generator	12 Volt starter/generator
Common rail injection system	SAE 1/3 flywheel housing
Electronic engine management	Aux REPTO
Electronic interface module	Air compressor
Turbo charging air to air cooling	AC compressor
High pressure EGR system	Flex engine mounts
One-box aftertreatment system with SCR/DPF incl. muffler	Elevated fan drive
Closed crankcase ventilation	Cooling fan
SAE 1 flywheel housing	Open crankcase ventilation
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.