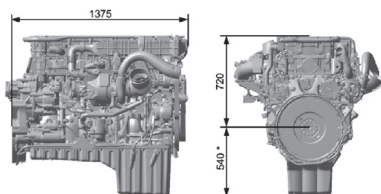
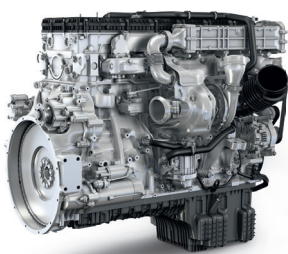




Oil & Gas

DIESEL ENGINE 6R 1300/OM 471

for oil and gas applications
with EPA tier 4 and EU stage IV certification



Optional equipment and finishing shown. Standard may vary.

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
6R 1300 C	1375 x 980 x 1260 (54.1 x 38.6 x 49.6)	1140 (2513) 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, ASTM D975 (DF1, DF2)

Engine type	Rated power			Peak torque			Fuel consumption at rated power	Fuel consumption at peak torque
	kW	bhp	rpm	Nm	lb-ft	rpm	g/kWh	g/kWh
6R 1300 C 20	320	429	1700	2100	1549	1300	198	190
6R 1300 C 30	340	456	1700	2200	1623	1300	198	190
6R 1300 C 40	360	482	1700	2300	1696	1300	198	190
6R 1300 C 50	380	509	1700	2380	1755	1300	198	190
6R 1300 C 60	390	523	1700	2460	1807	1300	198	190

Ratings acc. to ECE R 120

Emissions: EPA 40 CFR 89 / Tier 4 final
EU Nonroad St IV (97/68/EC)
UN ECE R96 Emission Flex Package (EFP)

Standard Equipment	Optional Equipment
24 Volt starter	Exhaust brake system
28 Volt alternator, 100 A	Aux REPTO
Common rail injection system	Air compressor
Electronic engine management	AC compressor
Electronic interface module	Flex engine mounts
Turbo charging air to air cooling	Elevated fan drive
High pressure EGR system	Cooling fan
One-box aftertreatment system with SCR incl. muffler	
Close 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.