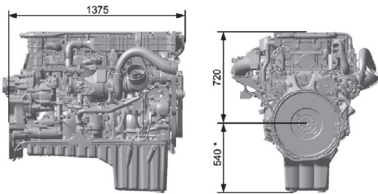
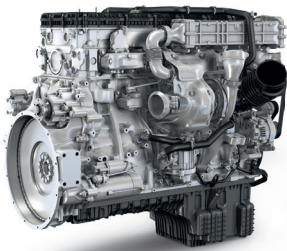




Oil & Gas

DIESEL ENGINE 6R 1300/OM 471

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



| 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) |

Optional equipment and finishing shown. Standard may vary.

| 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.