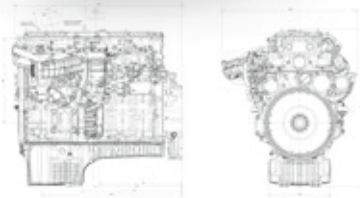
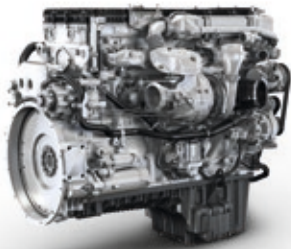




## Industrial

# DIESEL ENGINE 6R 1100/OM 470

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



| Engine      | Dimensions (LxWxH) mm (in)              | Mass, dry kg (lbs)       |
|-------------|---|--------------------------|
| 6R 1100 C01 | 1295 x 1029 x 1183 (50.9 x 40.5 x 46.6) | 938 (2068) <sup>1)</sup> |

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

| Engine                 |           |                         |
|------------------------|-----------|-------------------------|
| Bore/stroke            | mm (in)   | 125/145 (4.9/5.7)       |
| Cylinder configuration |           | 6 inline                |
| Displacement, total    | l (cu in) | 10.7 (652)              |
| 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 1100 C11   | 240         | 322 | 1600 | 1700        | 1254  | 1300 | 188                           | 187                           |
| 6R 1100 C21   | 260         | 349 | 1600 | 1800        | 1328  | 1300 | 188                           | 187                           |
| 6R 1100 C31 * | 280         | 375 | 1600 | 1900        | 1401  | 1300 | 188                           | 187                           |
| 6R 1100 C41   | 300         | 402 | 1600 | 2000        | 1475  | 1300 | 190                           | 188                           |
| 6R 1100 C51 * | 320         | 429 | 1600 | 2100        | 1549  | 1300 | 195                           | 191                           |
| 6R 1100 C61   | 340         | 456 | 1600 | 2200        | 1623  | 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.