Oil & Gas

DIESEL ENGINE 6R 1000/OM 936

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

<table>
<thead>
<tr>
<th>Engine</th>
<th>Dimensions (LxWxH) mm (in)</th>
<th>Mass, dry kg (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6R 1000 C</td>
<td>1059 x 821 x 1033 (41.7 x 32.3 x 40.7)</td>
<td>705 (1555) ¹</td>
</tr>
</tbody>
</table>

All dimensions are approximate, for complete information refer to the installation drawing.

¹) DIN 70020

<table>
<thead>
<tr>
<th>Engine</th>
<th>Rated power</th>
<th>Peak torque</th>
<th>Fuel consumption at rated power</th>
<th>Fuel consumption at peak torque</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kW</td>
<td>bhp</td>
<td>rpm</td>
<td>Nm</td>
</tr>
<tr>
<td>6R 1000 C 20</td>
<td>180</td>
<td>241</td>
<td>2200</td>
<td>1000</td>
</tr>
<tr>
<td>6R 1000 C 30</td>
<td>210</td>
<td>282</td>
<td>2200</td>
<td>1150</td>
</tr>
<tr>
<td>6R 1000 C 40</td>
<td>230</td>
<td>308</td>
<td>2200</td>
<td>1250</td>
</tr>
<tr>
<td>6R 1000 C 50</td>
<td>260</td>
<td>348</td>
<td>2200</td>
<td>1400</td>
</tr>
</tbody>
</table>

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)

Optional equipment and finishing shown. Standard may vary.
### Standard Equipment
- 24 Volt starter
- 28 Volt alternator, 100 A
- 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 incl. muffler
- Close crankcase ventilation
- SAE 1 flywheel housing

### Optional Equipment
- Exhaust brake system
- SAE 2/3 flywheel housing
- Aux REPTO
- Air compressor
- AC compressor
- Flex engine mounts
- Elevated fan drive
- Cooling fan

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.