Industrial

DIESEL ENGINE 6R 1000/OM 936
for C&I, Mining, Agriculture and Forestry applications with EU Stage V 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 C01</td>
<td>1067 x 929 x 1031 (42 x 36.6 x 40.6)</td>
<td>672 (1481.5) 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>Bore/stroke mm (in)</th>
<th>Cylinder configuration</th>
<th>Displacement, total l (cu in)</th>
<th>Fuel specification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>110/135 (4.3/5.3)</td>
<td>6 inline</td>
<td>7.7 (470)</td>
<td>DIN EN 590 Stand 2010ff</td>
</tr>
</tbody>
</table>

Ratings acc. to ECE R 120

Optional equipment and finishing shown. Standard may vary.

<table>
<thead>
<tr>
<th>Engine type</th>
<th>Rated power</th>
<th>Peak torque</th>
<th>Fuel consumpt. at rated power</th>
<th>Fuel consumpt. 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 C11</td>
<td>180</td>
<td>241</td>
<td>2200</td>
<td>1000</td>
</tr>
<tr>
<td>6R 1000 C21</td>
<td>195</td>
<td>261</td>
<td>2200</td>
<td>1100</td>
</tr>
<tr>
<td>6R 1000 C31</td>
<td>210</td>
<td>282</td>
<td>2200</td>
<td>1200</td>
</tr>
<tr>
<td>6R 1000 C41</td>
<td>230</td>
<td>308</td>
<td>2200</td>
<td>1300</td>
</tr>
<tr>
<td>6R 1000 C51</td>
<td>260</td>
<td>349</td>
<td>2200</td>
<td>1450</td>
</tr>
<tr>
<td>6R 1000 C61</td>
<td>280</td>
<td>375</td>
<td>2200</td>
<td>1550</td>
</tr>
</tbody>
</table>

Ratings acc. to ECE R 120

Emissions:
- EU Nonroad Stage V (2016/1628)
- EU Nonroad St V (2016/1628) + EPA Nonroad T4

* MSHA/CANMET certified

manufactured by

customized by
### Standard equipment

- 24 Volt starter/generator
- 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/DPF incl. muffler
- Closed crankcase ventilation
- SAE 2 flywheel housing
- Exhaust brake system

### Optional equipment

- 12 Volt starter/generator
- SAE 1/3 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.