DIESEL ENGINE 4R 1000/OM 934
for C&I, Mining, Agriculture and Forestry applications with EPA Tier 4 certification

<table>
<thead>
<tr>
<th>Engine</th>
<th>Dimensions (LxWxH) mm (in)</th>
<th>Mass, dry kg (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4R 1000 C</td>
<td>948 x 859 x 1033 (37.3 x 29.7 x 40.7)</td>
<td>510 (1124)</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>4 inline</td>
<td>5.1 (311)</td>
<td>DIN EN 590, ASTM D975 (DF1, DF2)</td>
</tr>
</tbody>
</table>

Optional equipment and finishing shown. Standard may vary.

<table>
<thead>
<tr>
<th>Engine type</th>
<th>Rated power kW</th>
<th>bhp</th>
<th>rpm</th>
<th>Peak torque Nm</th>
<th>lb-ft</th>
<th>rpm</th>
<th>Fuel consumpt. at rated power g/kWh</th>
<th>Fuel consumpt. at peak torque g/kWh</th>
</tr>
</thead>
<tbody>
<tr>
<td>4R 1000 C10</td>
<td>100</td>
<td>134</td>
<td>2200</td>
<td>600</td>
<td>443</td>
<td>1200-1500</td>
<td>194</td>
<td></td>
</tr>
<tr>
<td>4R 1000 C20</td>
<td>115</td>
<td>154</td>
<td>2200</td>
<td>675</td>
<td>498</td>
<td>1200-1500</td>
<td>193</td>
<td></td>
</tr>
<tr>
<td>4R 1000 C30</td>
<td>125</td>
<td>173</td>
<td>2200</td>
<td>750</td>
<td>553</td>
<td>1200-1600</td>
<td>184</td>
<td></td>
</tr>
<tr>
<td>4R 1000 C40</td>
<td>150</td>
<td>201</td>
<td>2200</td>
<td>800</td>
<td>590</td>
<td>1200-1600</td>
<td>185</td>
<td></td>
</tr>
<tr>
<td>4R 1000 C50</td>
<td>170</td>
<td>228</td>
<td>2200</td>
<td>900</td>
<td>664</td>
<td>1200-1600</td>
<td>185</td>
<td></td>
</tr>
</tbody>
</table>

Ratings acc. to ECE R 120
Emissions: EPA Nonroad T4 (40CFR1039)
EU Nonroad St IV (97/68/EG) Compliant
UN ECE R96 Emission Flex Package (EFP)
### 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
- Closed crankcase ventilation
- SAE 1 flywheel housing

### Optional equipment

- Exhaust brake system
- 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.