## DIESEL ENGINE 6R 1500/OM 473

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

<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>6R 1500 C21</td>
<td>380</td>
<td>510</td>
<td>1600</td>
<td>2600</td>
<td>1918</td>
<td>1300</td>
<td>192</td>
<td>186</td>
</tr>
<tr>
<td>6R 1500 C31</td>
<td>400</td>
<td>536</td>
<td>1600</td>
<td>2700</td>
<td>1991</td>
<td>1300</td>
<td>192</td>
<td>186</td>
</tr>
<tr>
<td>6R 1500 C51</td>
<td>430</td>
<td>577</td>
<td>1600</td>
<td>2850</td>
<td>2102</td>
<td>1300</td>
<td>193</td>
<td>187</td>
</tr>
<tr>
<td>6R 1500 C61</td>
<td>460</td>
<td>617</td>
<td>1600</td>
<td>3000</td>
<td>2213</td>
<td>1300</td>
<td>195</td>
<td>189</td>
</tr>
<tr>
<td>6R 1500 C71</td>
<td>480</td>
<td>644</td>
<td>1600</td>
<td>3100</td>
<td>2286</td>
<td>1300</td>
<td>197</td>
<td>190</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

### Engine Dimensions (LxWxH) mm (in)

<table>
<thead>
<tr>
<th>Engine type</th>
<th>Dimensions (LxWxH) mm (in)</th>
<th>Mass, dry kg (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6R 1500 C01</td>
<td>1442 x 1099 x 1237 (56.7 x 43.2 x 48.7)</td>
<td>1230 (2711.7)</td>
</tr>
</tbody>
</table>

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

1) DIN 70020

### Engine Specifications

<table>
<thead>
<tr>
<th>Engine type</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>6R 1500 C01</td>
<td>139/171 (5.5/6.7)</td>
<td>6 inline</td>
<td>15.6 (781)</td>
<td>DIN EN 590 Stand 2010ff</td>
</tr>
</tbody>
</table>

Optional equipment and finishing shown. Standard may vary.
### Standard equipment

- 24 Volt starter/generator
- Common rail injection system
- Electronic engine management
- Electronic interface module
- Turbo charging, turbo compound, air to air cooling
- High pressure EGR system
- One-box aftertreatment system with SCR/DPF incl. muffler
- Closed crankcase ventilation
- SAE 1 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
- Open crankcase ventilation

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.