Industrial Diesel Engine 6R 1500/OM 473 for C&I, Mining, Agriculture and Forestry Applications with EU Stage V Certification

### Dimensions and Masses

<table>
<thead>
<tr>
<th>Engine</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 Model

<table>
<thead>
<tr>
<th>Bore/stroke</th>
<th>139 / 171 (5.5 / 6.7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder configuration</td>
<td>6 inline</td>
</tr>
<tr>
<td>Displacement, total</td>
<td>15.6 (781)</td>
</tr>
<tr>
<td>Fuel specification</td>
<td>DIN EN 590 Stand 2010ff</td>
</tr>
</tbody>
</table>

### Engine Type

<table>
<thead>
<tr>
<th>Model</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>6R 1500 C21</td>
<td>380 kW, 510 bhp, 1600 rpm</td>
<td>2600 Nm, 1918 lb-ft, 1300 rpm</td>
<td>192 g/kWh</td>
<td>186 g/kWh</td>
</tr>
<tr>
<td>6R 1500 C31</td>
<td>400 kW, 536 bhp, 1600 rpm</td>
<td>2700 Nm, 1991 lb-ft, 1300 rpm</td>
<td>192 g/kWh</td>
<td>186 g/kWh</td>
</tr>
<tr>
<td>6R 1500 C51</td>
<td>430 kW, 577 bhp, 1600 rpm</td>
<td>2850 Nm, 2102 lb-ft, 1300 rpm</td>
<td>193 g/kWh</td>
<td>187 g/kWh</td>
</tr>
<tr>
<td>6R 1500 C61</td>
<td>460 kW, 617 bhp, 1600 rpm</td>
<td>3000 Nm, 2213 lb-ft, 1300 rpm</td>
<td>195 g/kWh</td>
<td>189 g/kWh</td>
</tr>
<tr>
<td>6R 1500 C71</td>
<td>480 kW, 644 bhp, 1600 rpm</td>
<td>3100 Nm, 2286 lb-ft, 1300 rpm</td>
<td>197 g/kWh</td>
<td>190 g/kWh</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

manufactured by [Mercedes-Benz](http://www.mercedes-benz.com)
customized by [MTU](http://www.mtu.de)
### 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.