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

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<th>Mass, dry kg (lbs)</th>
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<tr>
<td>12V</td>
<td>2670 x 1696 x 2001 (105.1 x 66.8 x 78.8)</td>
<td>7700 (16976)</td>
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<td>16V</td>
<td>3140 x 1696 x 2001 (123.6 x 66.8 x 78.8)</td>
<td>9050 (19952)</td>
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All dimensions are approximate, for complete information refer to the installation drawing.

### Engine Details

- **Bore/stroke mm (in)**: 170/210 (6.7/8.3)
- **Cylinder configuration**: 90° V
- **Displacement l (cu in)**: 4.77 (291)
- **Displacement, total l (cu in)**: 12V: 57.2 (3491); 16V: 76.3 (4654)
- **Fuel specification**: DIN EN 590

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

ADEC engine control
Common rail injection system
Turbocharging
Charge-air cooling as separate circuit
Flywheel housing SAE #00
Resilient engine mountings
24V starter
28V DC/140A battery-charging generator
Power output module (POM) 24V
Connection interface (PAU)
Long-life 4-valve cylinder heads
Diesel particulate filter

Optional equipment

Dry-type air filter
Auxiliary PTOs
Assembly and drive parts for hydrostatic pump
Transformer: 64-72 V DC/24 V DC or 96/110 V DC/24 V DC
Various interfaces for I/O signals
Fuel prefilter
Various adapters for connections and interfaces
Coupling for main drive

Reference conditions:
> Intake temperature: 25°C (77°F)
> Ambient air pressure: 1000 mbar
> Charge air coolant temp.: 45°C (113°F)
> Altitude above sea level: 100 m (328 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.

Diesel particulate filter – 12V 4000 R64/R84

Diesel particulate filter – 16V 4000 R64/R74/R84

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