### Technical Data

<table>
<thead>
<tr>
<th>Engine designation</th>
<th>V6-200&lt;sup&gt;1&lt;/sup&gt;</th>
<th>V6-240&lt;sup&gt;1&lt;/sup&gt;</th>
<th>V6-280&lt;sup&gt;1&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horsepower, kW (hp)</td>
<td>149 (200)</td>
<td>179 (240)</td>
<td>209 (280)</td>
</tr>
<tr>
<td>Engine speed, rpm</td>
<td>5800</td>
<td>5800</td>
<td>5800</td>
</tr>
<tr>
<td>Displacement, l (in³)</td>
<td>4.3 (262)</td>
<td>4.3 (262)</td>
<td>4.3 (262)</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Bore/stroke, mm (in.)</td>
<td>99.6/92.0</td>
<td>99.6/92.0</td>
<td>99.6/92.0</td>
</tr>
<tr>
<td></td>
<td>(392/3.62)</td>
<td>(3.92/3.62)</td>
<td>(3.92/3.62)</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>11:0:1</td>
<td>11:0:1</td>
<td>11:0:1</td>
</tr>
<tr>
<td>Fuel system</td>
<td>Spark Ignited</td>
<td>Spark Ignited</td>
<td>Spark Ignited</td>
</tr>
<tr>
<td>Volvo Penta Aquamatic drive</td>
<td>SX</td>
<td>SX</td>
<td>SX</td>
</tr>
<tr>
<td>Ratio</td>
<td>1.60:1, 1.66:1,</td>
<td>1.60:1, 1.66:1,</td>
<td>1.60:1, 1.66:1,</td>
</tr>
<tr>
<td></td>
<td>1.79:1, 1.89:1,</td>
<td>1.79:1, 1.89:1,</td>
<td>1.79:1, 1.89:1,</td>
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<tr>
<td></td>
<td>1.97:1, 2.18:1</td>
<td>1.97:1, 2.18:1</td>
<td>1.97:1</td>
</tr>
<tr>
<td>Volvo Penta Duoprop drive</td>
<td>DPS</td>
<td>DPS, DPS OX</td>
<td>DPS, DPS OX</td>
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<tr>
<td>Ratio</td>
<td>1.95:1, 2.14:1,</td>
<td>1.95:1, 2.14:1,</td>
<td>1.95:1, 2.14:1,</td>
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<tr>
<td></td>
<td>2.32:1</td>
<td>2.32:1</td>
<td>2.32:1</td>
</tr>
<tr>
<td>Dry weight with DP, incl. prop. &amp; PS, kg (lb)</td>
<td>408 (899)</td>
<td>408 (899)</td>
<td>408 (899)</td>
</tr>
</tbody>
</table>

1. No catalyst, no EVC
2. RATING 5, for pleasure craft applications
3. Approved for limited use
4. Environment Canada

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**See note, page 2**
Technical description:

**Engine block and head**
- Aluminum, deep skirt cylinder block with six bolt, powdered metal main caps for extra strength
- Hydraulic cam phaser for variable camshaft timing optimizes low end torque and high-end horse power

**Lubrication system**
- Pressure lubrication system with heavy duty engine oil cooler and remote oil filter
- Paper oil filter element reduces environmental impact of engine service
- Cast aluminum structural oil pan

**Fuel system**
- Spark Ignited Direct Injection system with stainless steel returnless fuel rail and high-pressure mechanical fuel pump
- High pressure direct injection facilitates a higher compression ratio and improved combustion
- Vapor separating fuel pump system with two electric pumps, pressure regulator, and water separating fuel filter

**Intake and exhaust system**
- Low weight aluminum exhaust system
- Three inch riser option is a direct replacement for the standard height elbow

**Cooling system**
- Freshwater (closed) cooling system for engine and engine oil cooler
- Advanced Volvo VCS (yellow) coolant for superior corrosion and thermal protection

**Ignition system**
- Iridium tipped, side electrode spark plugs for reliability and extended service life
- Coil near plug ignition system

**Electronic engine control**
- Electronic Control Module (ECM) ensures constant, optimum performance, greater fuel efficiency and reduced emissions
- 4G ECM supports full diagnostics through connection on engine harness

**Electrical system**
- 12V corrosion-protected electrical system
- 75A marine alternator with internal transistorized voltage regulator
- Re-settable circuit breaker for trim system
- Use protection of the electric fuel pumps and the fuel injection system

**Drive**
- Cone clutch for smoother shifting
- Pattern-matched spiral bevel gears

**Exhaust**
- Exhaust passages optimized for torque and power
- Collector (elbow) design reduces back pressure

**Dimensions V6-240/DPS**

**More information**

Contact your nearest Volvo Penta dealer for more information about Volvo Penta engines and optional equipment/accessories or go to www.volvopenta.com

**Note:** Power and fuel consumption measurements according to ISO 8665. Fuel octane of 90RON (87 AKI) with 0% ethanol and density of 742g/l, air temperature at 25°C (77°F), humidity of 30% and barometric pressure at 100 kPa (14.5 PSI). Operation at different conditions will influence engine power output and fuel consumption.