6M16
PowerKit Variable Speed Engine
Customer benefits

Variable speed engines optimised for use between 800 and 2200 Rpm
Straightforward mechanical injection for easy maintenance
Strong tolerance to varying fuel quality
Peace of mind with best-in-class warranty of 2 years/2500 working hours

<table>
<thead>
<tr>
<th>Variable Speed Engine</th>
<th>Coupling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Maximum Power KWm (HP)</td>
</tr>
<tr>
<td>6M16V2D0</td>
<td>255 (346)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Engine max. gross power + Torque + Fuel Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>800 RPM</td>
</tr>
<tr>
<td>6M16V2D0 kWm</td>
<td>73</td>
</tr>
<tr>
<td>6M16V2D0 N.m</td>
<td>873</td>
</tr>
<tr>
<td>6M16V2D0 gr/kWh</td>
<td>201</td>
</tr>
</tbody>
</table>
6M16
PowerKit Variable Speed Engine

Dimensions and dry weight (mm/kg)

<table>
<thead>
<tr>
<th>Variable Speed Engine</th>
<th>Dimensions and dry weights including radiator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>L (mm)</td>
</tr>
<tr>
<td>6M16V2D0</td>
<td>1983</td>
</tr>
</tbody>
</table>

Standard equipment

Engine and block
- Cast iron gantry type structure block
- One-piece forged crankshaft
- Separate cast iron cylinder heads and replaceable dry cylinder liners
- Aluminum alloy pistons with oil cooling gallery

Cooling system
- Radiator and hoses supplied separate
- Thermostatically-controlled system with belt driven coolant pump and pusher fan

Lubrication system
- Flat bottom large capacity oil pan
- Spin-on full-flow lube oil filter

Fuel system
- Optimum performance and efficient use of fuel for continuous duty
- Duplex fine filter for better efficiency

Air intake and exhaust system
- Special rear mounted air filter with restriction indicator
- Exhaust manifold shield for heat isolating

Electrical system
- 24V DC electric starter motor and battery charging alternator

Flywheel and housing
- SAE 1 flywheel housing and 14” flywheel

Ratings definitions

Industrial Continuous Power
This power rating is for applications that operate with constant load and speed except for short periods during startup or shutdown. This rating conforms to ISO 3046 Continuous Power.