6M11
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

### Variable Speed Engine

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum Power kWm (HP)</th>
<th>Cylinders config.</th>
<th>Asp.</th>
<th>Displ.</th>
<th>Housing</th>
<th>Flywheel</th>
<th>Gov</th>
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</thead>
<tbody>
<tr>
<td>6M11V2D0</td>
<td>150 (204)</td>
<td>6-inline</td>
<td>T/A-A</td>
<td>6.8</td>
<td>Sae 3</td>
<td>11.5&quot;</td>
<td>Mech</td>
</tr>
<tr>
<td>6M11V4D0</td>
<td>180 (245)</td>
<td>6-inline</td>
<td>T/A-A</td>
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<td>Sae 3</td>
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</tbody>
</table>

### Engine max. gross power + Torque + Fuel Consumption

| Model         | 800 RPM | 900 RPM | 1000 RPM | 1100 RPM | 1200 RPM | 1300 RPM | 1400 RPM | 1500 RPM | 1600 RPM | 1700 RPM | 1800 RPM | 1900 RPM | 2000 RPM | 2100 RPM | 2200 RPM |
|---------------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 6M11V2D0      | kWm     | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   |
| 6M11V4D0      | kWm     | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   | kWm      | N.m     | gr/kWh   |
Standard equipment

Engine and block
- Cast iron gantry type structure block
- One-piece forged crankshaft
- Separate cast iron cylinder heads and wet 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
- 12V DC electric starter motor and battery charging alternator

Flywheel and housing
- SAE 3 flywheel housing and 11.5” 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.