4M06
PowerKit Variable Speed Engine
Bore x Stroke (mm) | 89 x 92
Displacement (L) | 2.3
N’ of Cylinders | 4
Cylinders Arrangement | In line
Fuel System | Mechanical Pump
Governor (Gov.) | Mechanical
Aspiration (Asp.) | Naturally Aspirated
| Turbocharged
| Turbocharged & air-to-air cooled

**Customer benefits**

- Variable speed engines optimised for use between 800 and 1800 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 Kw (HP)</th>
<th>Cylinders config.</th>
<th>Asp.</th>
<th>Displ.</th>
<th>Housing</th>
<th>Flywheel</th>
<th>Gov</th>
</tr>
</thead>
<tbody>
<tr>
<td>4M06V2D0</td>
<td>30 (40)</td>
<td>4-inline</td>
<td>NA</td>
<td>2.3</td>
<td>Sae 4</td>
<td>7.5&quot;</td>
<td>Mech</td>
</tr>
<tr>
<td>4M06V4D0</td>
<td>41 (55)</td>
<td>4-inline</td>
<td>T</td>
<td>2.3</td>
<td>Sae 3</td>
<td>11.5&quot;</td>
<td>Mech</td>
</tr>
<tr>
<td>4M06V6D0</td>
<td>47 (64)</td>
<td>4-inline</td>
<td>T</td>
<td>2.3</td>
<td>Sae 3</td>
<td>11.5&quot;</td>
<td>Mech</td>
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<tr>
<td>4M06V8D0</td>
<td>58 (78)</td>
<td>4-inline</td>
<td>T/A-A</td>
<td>2.3</td>
<td>Sae 3</td>
<td>11.5&quot;</td>
<td>Mech</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Model</th>
<th>800 RPM</th>
<th>900 RPM</th>
<th>1000 RPM</th>
<th>1100 RPM</th>
<th>1200 RPM</th>
<th>1300 RPM</th>
<th>1400 RPM</th>
<th>1500 RPM</th>
<th>1600 RPM</th>
<th>1700 RPM</th>
<th>1800 RPM</th>
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</thead>
<tbody>
<tr>
<td>4M06V2D0</td>
<td>kWm</td>
<td>N.m</td>
<td>gr/kWh</td>
<td>kWm</td>
<td>N.m</td>
<td>gr/kWh</td>
<td>kWm</td>
<td>N.m</td>
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<td>N.m</td>
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<tr>
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<td>N.m</td>
<td>gr/kWh</td>
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<td>gr/kWh</td>
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<td>gr/kWh</td>
<td>kWm</td>
<td>N.m</td>
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</tbody>
</table>

Baudouin.com
**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 directly mounted on the engine
- 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 for

**Flywheel and housing**
- SAE 4 flywheel housing and 7.5" flywheel for 4M06V2D0
- SAE 3 flywheel housing and 11.5" flywheel for 4M06V4D0, 4M06V6D0, 4M06V8D0

**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.