P-Drive Engine- WP10 Series

General Specifications

Bore & Stroke 126x130 mm
Displacement 9.726 L
Cylinder Number 6
Compression ratio 17:1
Fuel System Mechanical Pump
Aspiration TA

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Power/Speed</th>
<th>Max Torque/Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kW/r/min</td>
<td>N/m/r/min</td>
</tr>
<tr>
<td>WP10B150E200</td>
<td>150/1500</td>
<td>1023/1200</td>
</tr>
<tr>
<td>WP10B190E200</td>
<td>190/1500</td>
<td>1323/1200</td>
</tr>
<tr>
<td>WP10B216E200</td>
<td>216/1500</td>
<td>1495/1200</td>
</tr>
<tr>
<td>WP10B190E201</td>
<td>190/1800</td>
<td>1184/1300</td>
</tr>
<tr>
<td>WP10B240E200</td>
<td>240/1800</td>
<td>1654/1300</td>
</tr>
<tr>
<td>WP10B255E201</td>
<td>255/1800</td>
<td>1565/1500</td>
</tr>
</tbody>
</table>

Standard Equipment

Engine and block
Cast iron frame style body structure
One-piece forged crankshaft
Separate cast iron cylinder heads and replaceable dry cylinder liners
Aluminium alloy pistons with gallery oil cooling

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

Lubrication system
Flat bottom large capacity oil pan (23 L)
Spin-on full-flow lub oil filter
High capacity gear driven lube oil pump

Fuel system
P type fuel injection pump and injector for higher inject pressure
Duplex fine filter and Water separated filter assembly with the transparent cup

Air intake and exhaust system
Turbocharger; Shutoff solenoid mounted on the fuel pump;
Special rear mounted air filter with restriction indicator
Strong clip for pipe connecting
Stainless steel exhaust manifold cover for heat isolating

Electrical system
24V electric starter motors and battery charging alternator

Flywheel and housing
SAE1 flywheel housing and 11.5/14” flywheel

Optional Equipment
- Radiator for tropical environment (50°C)
- Immersion heater with thermostat
- Air heater for cold start
- Manual drawing off oil pump
- Tool Kits
Dimensions and Weight

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>2088 mm</td>
</tr>
<tr>
<td>Width</td>
<td>1040 mm</td>
</tr>
<tr>
<td>Height</td>
<td>1493 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>875 kg</td>
</tr>
</tbody>
</table>

Power definition
Standard  ISO 3046/1 - 1995(F)

Reference conditions
- Ambiant temperature 25 °C
- Barometric pressure 100 kPa
- Relative humidity 30%

Fuel oil
- Relative density 0.840± 0.005
- Lower calorific power 42 700 kJ/kg
- Consumption tolerances ± 5 %

Lube oil
- Recommend grade CF 15W/40

Manufacturer: Weichai Power Co., Ltd
Address: 197 A, Fushou East Street, High-Tech Development Zone, Weifang, China
www.weichai.com

Distributed By: