P-Drive Engine- WP12 Series

General Specifications

Bore & Stroke 126×155 mm
Displacement 11.596 L
Cylinder Number 6
Compression ratio 16:1
Fuel System Mechanical Pump
Aspiration TA

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Power/Speed kW/r/min</th>
<th>Max Torque/Speed N/m/r/min</th>
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<td>WP12B288E200</td>
<td>288/1500</td>
<td>2005/1300</td>
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<td>WP12B335E201</td>
<td>334.9/1800</td>
<td>2049/1500</td>
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Standard Equipment

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

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
Silicone tubes and strong clips 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
- Intake air heater for cold start aid
- Manual drawing off oil pump
- Tool Kits
Dimensions and Weight

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<tr>
<td>Length</td>
<td>2087 mm</td>
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<tr>
<td>Width</td>
<td>1080 mm</td>
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<td>Height</td>
<td>1539 mm</td>
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<td>Weight</td>
<td>1050 kg</td>
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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