

WP4-B60

Bore & Stroke	105×130 mm
Displacement	4.5 L
Cylinder Number	6
Compression ratio	18:1
Fuel System	Mechanical Pump
Aspiration	T/TA

Model	Rated Power/Speed	Max Torque/Speed
	kW/r/min	N/m/r/min
WP4B36E200	36/1500	265/(1200~1400)
WP4B50E200	50/1500	370/(1200~1400)
WP4B70E200	70/1500	515/1200
WP4B90E200	90/1500	630/1300
WP4B36E201	36/1800	220/(1500~1700)

Standard Equipment

Engine and block

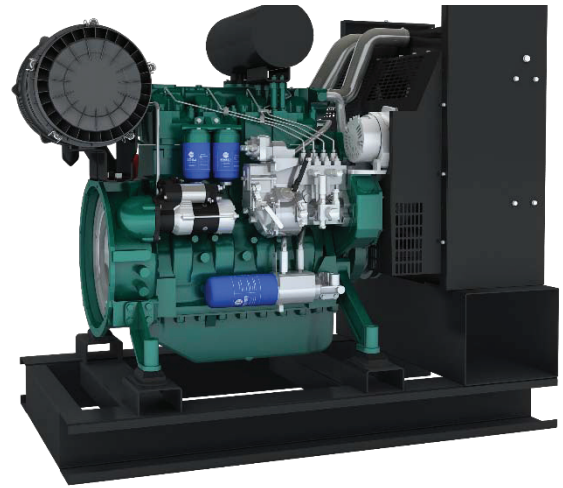
Cast iron gantry type structure block
One-piece forged crankshaft
Separate cast iron cylinder heads and wet liners
Aluminium alloy pistons with gallery oil cooling

Cooling system

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

Lubrication system

Flat bottom large capacity oil pan (10 L)
Spin-on full-flow lube oil filter
Special design connector for oil heater and drawing off oil pump



Model	Rated Power/Speed	Max Torque/Speed
	kW/r/min	N/m/r/min
WP4B50E201	50/1800	305/(1500~1700)
WP4B60E201	60/1800	370/1400
WP4B70E201	70/1800	430/1500
WP4B90E201	90/1800	585/1500
WP4B105E201	105/1800	620/1500

Fuel system

P type fuel injection pump and injector for higher inject pressure
Duplex fine filter and large capacity pre-filter for better efficiency

Air intake and exhaust system

Turbocharger; Shutoff solenoid mounted on the fuel pump;
Special rear mounted air filter with restriction indicator
High performance silencer as standard
Stainless steel exhaust manifold cover for heat isolating

Electrical system

24V electric starter motors and battery charging alternator
Standard sensor connector

Flywheel and housing

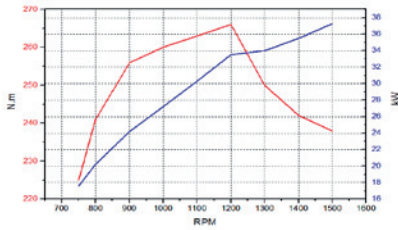
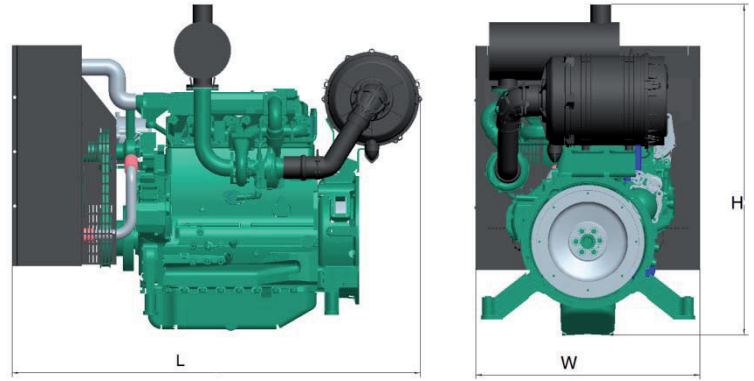
SAE3 flywheel housing and 11.5" flywheel

Optional Equipment

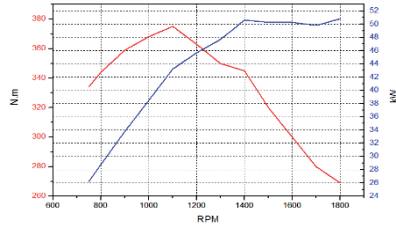
- Radiator for tropical environment (50°C)
- Water separated filter
- Immersion heater with thermostat
- Air heater for cold start
- Tool Kits
- Manual drawing off oil pump

Dimensions and Weight

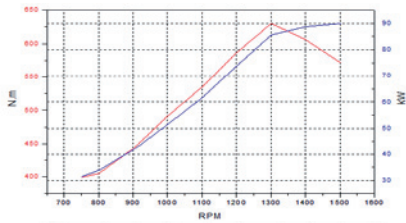
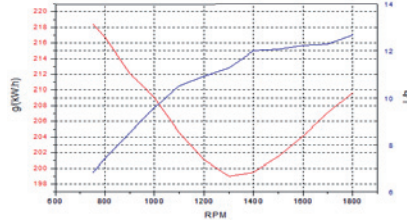
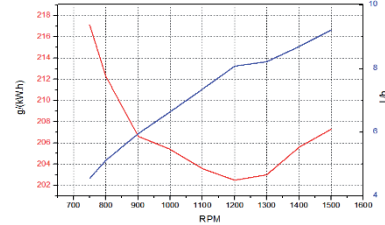
Length	1431 mm
Width	774 mm
Height	1136 mm
Weight	550 kg



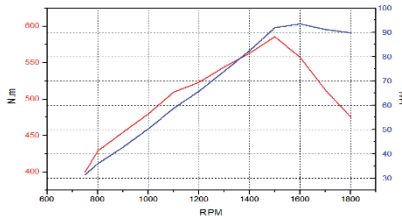
WP4B36E200



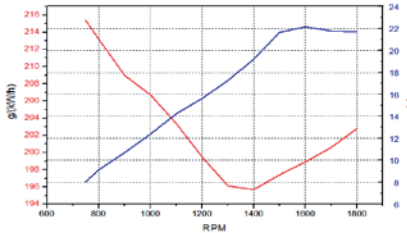
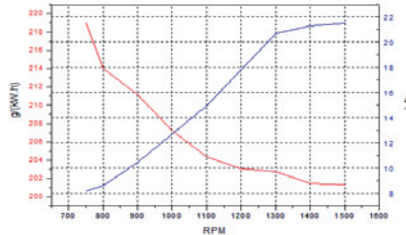
WP4B50E201



WP4B90E200



WP4B90E201



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
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Distributed By:



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