

Marine Auxiliary Engine- WP10 Series

General Specifications

Bore & Stroke	126x130 mm
Displacement	9.7 L
Cylinder Number	6
Compression Ratio	17:1
Fuel System	Mechanical Pump
Governor Method	Mechanic/Electronic
Aspiration	TA
Emission Standard	IMO Tier II



Engine Speed	Engine Output		Typical Generator Output
	Prime(PRP)	Standby(ESP)	
RPM	kW	kW	kWe/kVA
1500	182	200	150/188
1500	216	238	180/225
1500	240	264	200/250

Engine Speed	Engine Output		Typical Generator Output
	Prime(PRP)	Standby(ESP)	
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1800	182	200	150/188
1800	216	238	180/225
1800	240	264	200/250

Standard Equipments

Engine and block

- Cast iron frame style body structure
- One-piece forged crankshaft
- Separate cast iron cylinder heads and dry liners
- Split-cap forged steel connecting rods
- Aluminium alloy pistons with gallery oil cooling

Cooling system

- Fresh / raw water heat exchanger with integrated thermostatic valves and expansion tank
- Cast iron centrifugal fresh water pump, mechanically driven
- Self-priming raw water pump, mechanically driven

Lubrication system

- Full flow duplex type oil filters
- Fresh water cooled lube oil cooler plate type

Fuel system

- P-type in-line injection pump
- Dual-skinned fuel pipe with alarm and leakage collector
- Duplex fuel filters replaceable engine running
- Water separator

Intake air and exhaust system

- Washable air filter & exhaust expansion joint
- Insulated dry type or water jacket exhaust manifold

Electrical system

- 24V electric starter motors and battery charging alternator
- Voyage safeguard monitor and 5m harness

Flywheel and housing

- SAE1 flywheel housing and SAE 11.5 size flywheel

Certification

- CCS and IAPPC

Optional Equipments

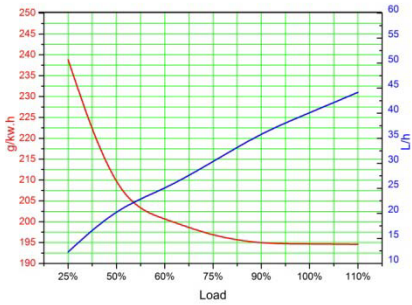
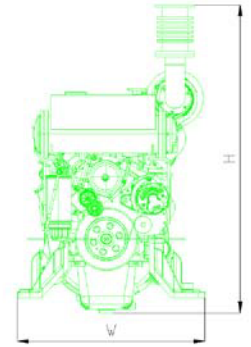
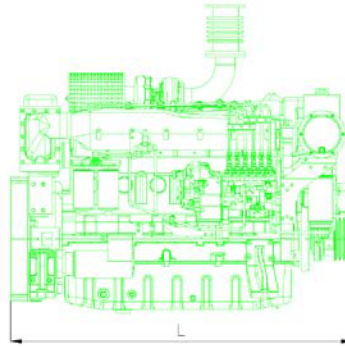
Remote controlling monitor Manual drawing off oil pump

Tool Kits

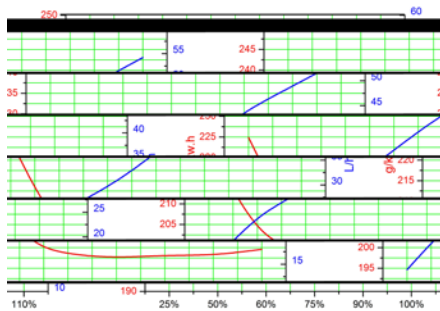
	Continuous Power(COP)	Prime Power(PRP)	Standby Power(ESP)
Mean engine load factor	100%	≤70% per 250 h	≤80% per 24 h
Annual working time	Unlimited	Unlimited	≤200 h
Time at full load	Unlimited(Max. load≤0.85PRP)	≤500 h per year	≤25 h per year
Overload capacity	No	1 h per 12 h(10% overload)	No

Dimensions and Weight

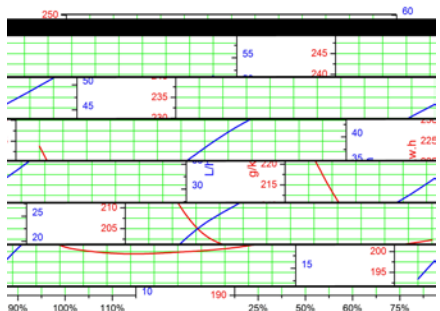
Length	1519 mm
Width	834 mm
Height	1370 mm
Weight	1056 kg



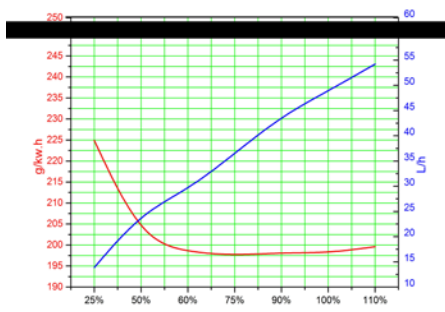
WP10CD200E200-182kW/1500rpm



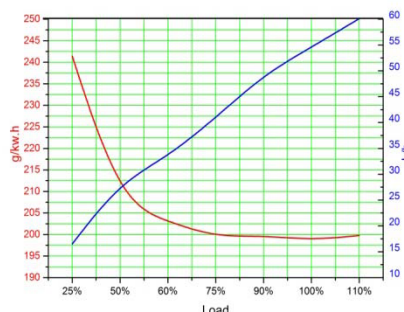
WP10CD238E200-216kW/1500rpm



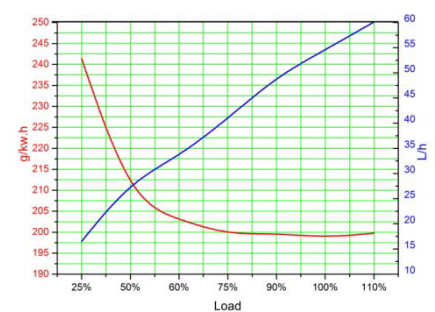
WP10CD264E200-240kW/1500rpm



WP10CD200E201-182kW/1800rpm



WP10CD238E201-216kW/1800rpm



WP10CD264E201-240kW/1800rpm

Power definition

Standard ISO 3046/1 -1995(F)

Reference conditions

Ambient temperature	25 °C
Barometric pressure	100 kPa
Relative humidity	30%
Raw water temperature	25 °C

Fuel oil

Relative density	0,840 ± 0,005
Lower calorific power	42 700 kJ/kg
Consumption tolerances	0 ± 5 %

Lube oil

Recommend grade	CD 15W/40
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Distributed By:

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

