

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

Engine Speed	Model	Engine Output		Typical Generator Output
		Prime (PRP)	Standby (ESP)	
RPM		kW	kW	kWe/kVA
1500	WP10CD200E200	182	200	150/188
1500	WP10CD238E200	216	238	180/225
1500	WP10CD264E200	240	264	200/250
1800	WP10CD200E201	182	200	150/188
1800	WP10CD238E201	216	238	180/225
1800	WP10CD264E201	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 coller 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

Elctrical system

- 24V elctric starter motor 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

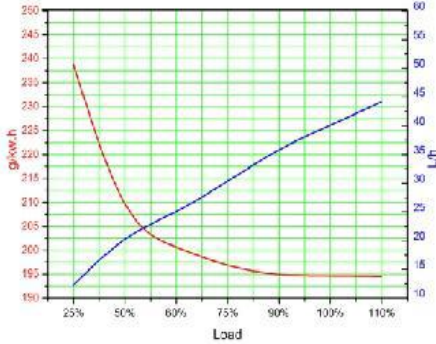
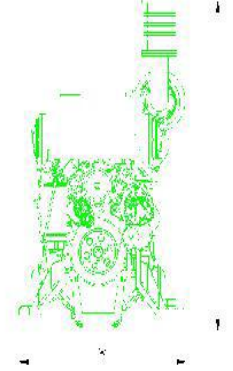
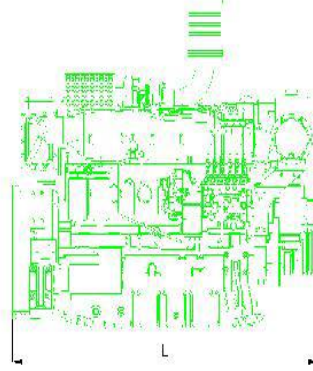
Optional Equipments

- Remote controlling monitor
- Manual drawing off oil pump
- Tool Kits

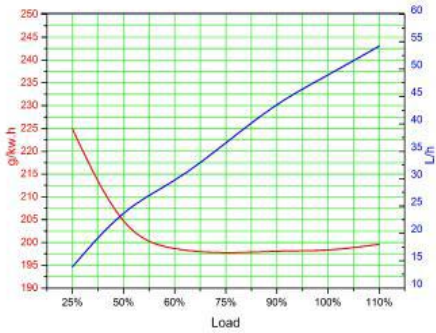
	Continuous Power(COP)	Prime Power (PRP)	Standby Power (ESP)
Mean engine load factor	100%	≤70% per 250 h	≤80% per 24 h
Annual working time	Unlimited	Unlimited	≤200 h
Time at full load	Unlimited(Max.load≤0.85PRP)	≤500 h per year	≤25 h per year
Overload capacity	No	1 h per 12 h(10% overload)	No

Dimensions and Weight

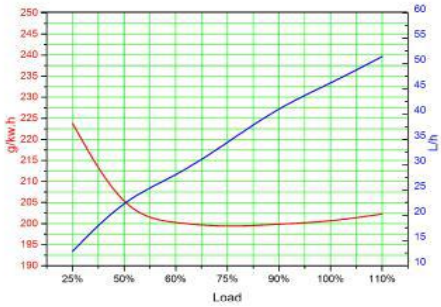
Length	1519 mm
Width	834 mm
Height	1370 mm
Weight	1056 kg



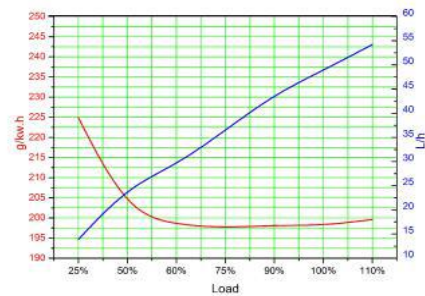
WP10CD200E200-182kW/1500rpm



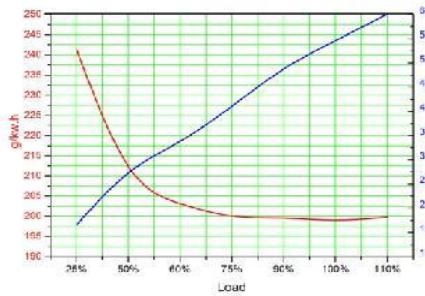
WP10CD238E200-216kW/1500rpm



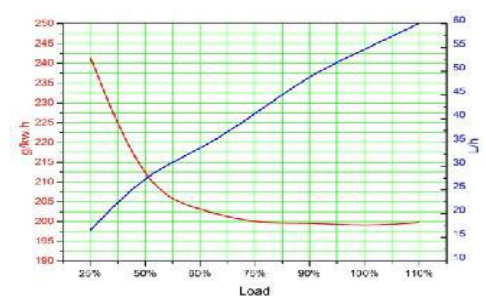
WP10CD264E200-240kW/1500rpm



WP10CD200E201-182kW/1800rpm



WP10CD238E201-216kW/1800rpm



WP10CD264E201-240kW/1800rpm

Power Definition

Standard ISO 3046/1-1995(F) 25 °C

Reference conditions

100 kPa

Ambient temperature 30%

Barometric pressure 25 °C

Relative humidity

Raw water temperature

0,840 ± 0.005

Fuel oil

42 700 kJ/kg

Relative density

0 ± 5 %

Lower calorific power

Consumption tolerances

CD 15W/40

Lube oil

Recommend grade



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