

Marine Offshore Engine

H22CDFP

I Bore: 220 mm, Stroke: 330 mm

Main Data

Speed	1000 rpm
Cylinder output <i>kW/cyl.</i>	220
	Eng.kW
5H22CDFP	1,100
6H22CDFP	1,320
7H22CDFP	1,540
8H22CDFP	1,760
9H22CDFP	1,980

Power adjusting between -5% derating is generally accepted, other power adjusting must be consulted to engine builder.

Heat Rate & SFOC (100% Load)

	1000 rpm
Heat rate @ Gas mode	8,079 kJ/kWh
SFOC @ Diesel mode	192 g/kWh

Specific Lubricating Oil Consumption

Lub. Oilfi: 0.6 g/kWh



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Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

Fixed Pitch Propeller

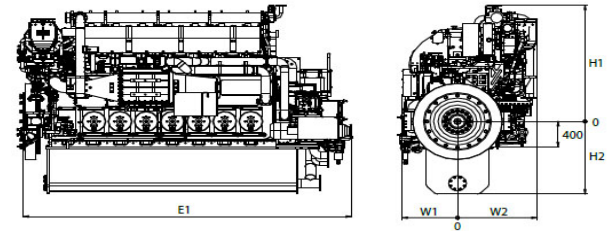
Guarantee optimum thrust, minimal noise and vibration level.

Dimensions

1000 rpm	cyl.	Rated Output at Engine (kW) *	Engine dimension (mm) & dry weight (ton)					Dry Weight
			E1	H1	H2	W1	W2	
	5	1,100	3,680	1,825	1,145	737	1,015	16.0
	6	1,320	4,030	1,825	1,145	737	1,060	18.0
	7	1,540	4,380	1,825	1,145	737	1,060	20.0
	8	1,760	4,730	1,825	1,145	737	1,150	22.0
	9	1,980	5,080	1,825	1,145	737	1,150	24.0

E1 : Dimension between eng. flywheel to eng. free end.

In case of dry sump, the weight and height will be reduced.



Note :

- 1) Reference condition based on ISO 3046/1
- 2) Fuel oil based on LCV(Lower Calorific Value) 42,700kJ/kg
- 3) Gas operation : Including pilot fuel oil and fuel gas based on LHV(Lower Heating Value) 35MJ/Nm³, MN80
- 4) NOx Emission limitation : IMO Tier II on Diesel mode, IMO Tier III on Gas mode

*) Based on the CPP Constant speed operation
(For FPP : Please contact us)