

Marine Propulsion System

Tier II, Tier III (with SCR)

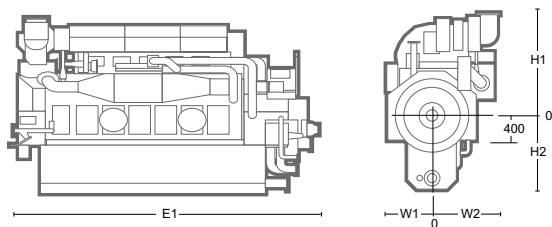
H21CP I Bore: 210 mm, Stroke: 330 mm

Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

Fixed Pitch Propeller

Guarantee optimum thrust, minimal noise and vibration level.



Dimensions

900 rpm	cyl.	Rated Output at Engine (kW)	Engine dimension (mm) & dry weight (ton)					
			E1	H1	H2	W1	W2	Dry Weight
	5	1,200	3,688	1,620	1,175	798	1,065	15.0
	6	1,440	4,038	1,620	1,175	798	1,065	17.0
	7	1,680	4,388	1,620	1,175	798	1,065	19.0
	8	1,920	4,738	1,620	1,175	798	1,065	20.0
	9	2,160	5,088	1,620	1,175	798	1,065	22.0

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

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

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Specific Fuel Oil Consumption

Load	750 rpm
SFOC at 100% MCR	184 g/kWh
SFOC at 85% MCR	180 g/kWh

*) Note :

- 1) Reference condition based on ISO 3046/1
- 2) Fuel oil based on LCV(Lower Calorific Value) 42,700kJ/kg
- 3) Tolerance +5% and without engine driven pumps
- 4) NOx Emission limitation : IMO Tier II

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

Specific Lubricating Oil Consumption

Lub. Oil: 0.5 g/kWh

Application

- Controllable pitch propulsion
- Fixed pitch propulsion
- Azimuth thruster propulsion
- Pump drive



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