

Marine Propulsion System

Tier II, Tier III (with SCR)

H46/60P

I Bore: 460 mm, Stroke: 600 mm

Main Data

Speed	600 rpm
BMEP bar	25.1
Cylinder output kW/cyl.	1250
	Eng.kW
6H46/60P	7,500
7H46/60P	8,750
8H46/60P	10,000
9H46/60P	11,250

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

Heat Rate & SFOC (100% Load)

	600 rpm
Heat rate @ Gas mode	7,558 kJ/kWh
SFOC @ Diesel mode	177 g/kWh

Specific Lubricating Oil Consumption

Lub. Oil: 0.6 g/kWh


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Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

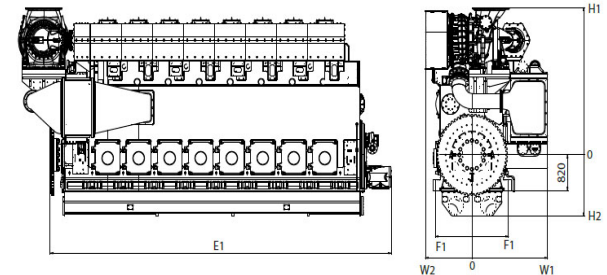
Fixed Pitch Propeller

Guarantee optimum thrust, minimal noise and vibration level.

Dimensions

600 rpm	cyl.	Rated Output at Engine (kW) #	Engine dimension (mm) & dry weight (ton)						
			E1	H1	H2	F1	W1	W2	Dry Weight
	6	7,500	7,376	3,300	1,408	965	1,999	1,228	111
	7	8,750	8,196	3,400	1,408	965	1,999	1,228	126
	8	10,000	9,016	3,400	1,408	965	1,999	1,228	140
	9	11,250	9,836	3,400	1,408	965	1,999	1,228	154

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



*) 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)