

Marine Propulsion System

Tier II, Tier III (with SCR)

H46/60VP

I Bore: 460 mm, Stroke: 600 mm

Main Data

Speed		600 rpm
BMEP	bar	25.1
Cylinder output	kW/cyl.	1250
	Eng.kW	
12H46/60VP		15,000
16H46/60VP		20,000
18H46/60VP		22,500

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

Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

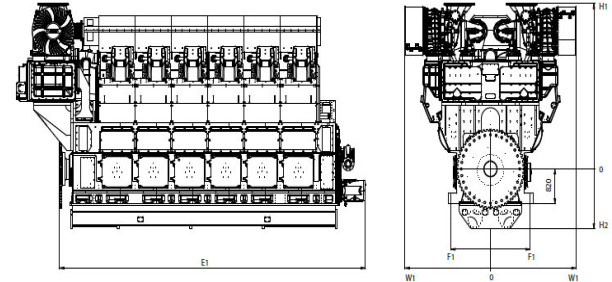
Fixed Pitch Propeller

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	Dry Weight
	12	15,000	8,436	3,906	1,408	1,100	2,359	196
	16	20,000	10,436	4,006	1,408	1,100	2,668	244
	18	22,500	11,436	4,006	1,408	1,100	2,668	268

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)



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