

Marine Propulsion System

H46/60VP

I Bore: 460 mm, Stroke: 600 mm

Main Data

Speed		600 rpm
BMEP	bar	25.1
Cylinder output	kW/cyfl.	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.

Specific Fuel Oil Consumption

	600 rpm
SFOC at 100% MCR	177 g/kWh
SFOC at 85% MCR	175 g/kWh

Specific Lubricating Oil Consumption

Lub. Oil: 0.6 g/kWh

Tier II, Tier III (with SCR)

Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

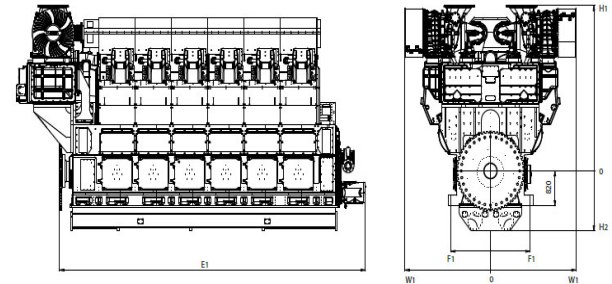
Fixed Pitch Propeller

Guarantee optimum thrust, minimal noise and vibration level.

Dimensions

600 rpm	cyl.	Rated Output at Engine (kW) #	Engine dimension (mm) & dry weight (ton)					Dry Weight
			E1	H1	H2	F1	W1	
	12	15,000	8,458	3,906	1,408	1,100	2,359	198
	16	20,000	10,458	4,006	1,408	1,100	2,607	251
	18	22,500	11,458	4,006	1,408	1,100	2,668	275

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 Caloric 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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