Marine Propulsion System

H46/60P

I Bore: 460 mm, Stroke: 600 mm

Main Data

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

Specfific Fuel Ofil Consumptfion

	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

Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

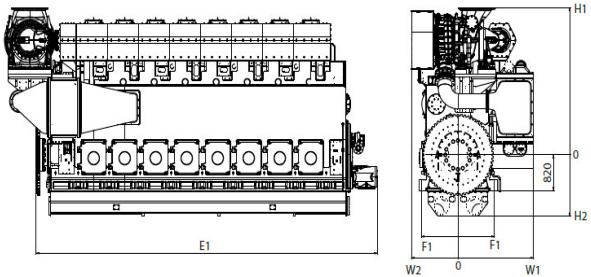
Fixed Pitch Propeller

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	7,351	3,300	1,408	965	2,141	1,409	116
	7	8,750	8,171	3,400	1,408	965	2,141	1,409	134
	8	10,000	8,991	3,400	1,408	965	2,141	1,409	149
	9	11,250	9,811	3,400	1,408	965	2,141	1,409	165

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)