

# Marine Propulsion System

Tier II, Tier III (with SCR)

## H21/32P

**I Bore: 210 mm, Stroke: 320 mm**

### Main Data

Speed	900 rpm
Cylinder output	kW/cyfl. 200
	Eng.kW
6H21/32P	1,200
7H21/32P	1,400
8H21/32P	1,600
9H21/32P	1,800

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

### Heat Rate & SFOC (100% Load)

	900 rpm
Heat rate @ Gas mode	7,814 kJ/kWh
SFOC @ Diesel mode	183 g/kWh

### Specific Lubricating Oil Consumption

Lub. Oilfi: 0.6 g/kWh



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### Controllable Pitch Propeller

Permit high skew angles to minimize noise and vibration.

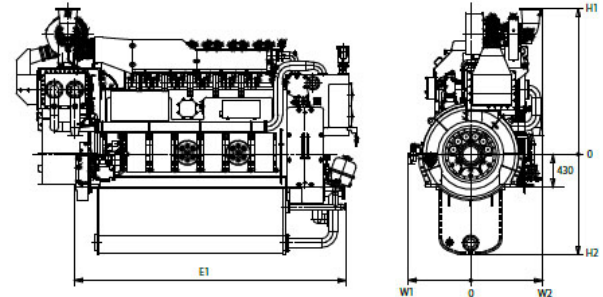
### Fixed Pitch Propeller

Guarantee optimum thrust, minimal noise and vibration level.

### Dimensions

900 rpm	cyl.	Rated Output at Engine (kW)#	Engine dimension (mm) & dry weight (ton)					Dry Weight
			E1	H1	H2	W1	W2	
6	1,200	3,535	1,885	1,300	812	939	18.0	
7	1,400	3,865	1,885	1,300	812	939	20.0	
8	1,600	4,195	2,059	1,355	812	1,005	21.0	
9	1,800	4,525	2,059	1,355	812	1,005	23.0	

E1 : Dimension between eng. flywheel to eng. free end.  
In case of dry sump, the weight and height will be reduced.



\*) 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)