

# Marine Offshore Engine

## H27DFP

**I Bore: 270 mm, Stroke: 330 mm**

### Main Data

Speed	1000 rpm
BMEP	bar
	Eng.kW
6H27DFP	1,860
7H27DFP	2,170
8H27DFP	2,480
9H27DFP	2,790

Speed 900 r/m for Generator drive only.

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

### Heat Rate & SFOC Fuel Consumption

Load	100%	85%
Heat rate @ Gas mode	7,728 kJ/kWh	
SFOC @ Diesel mode	186 g/kWh	187.2 g/kWh

### Specific Lubricating Oil Consumption

Lub. Oil: 0.6 g/kWh



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### Controllable Pitch Propeller

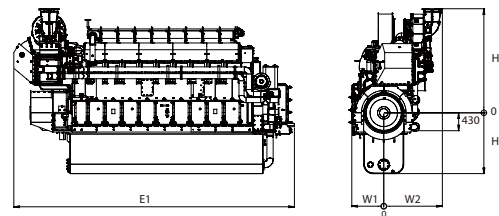
Permit high skew angles to minimize noise and vibration.

### Fixed Pitch Propeller

Guarantee optimum thrust, minimal noise and vibration level.

### Dimensions

1000 rpm	cyl.	Rated Output at Engine (kW)	Engine dimension (mm) & dry weight (ton)					
			E1	H1	H2	W1	W2	Dry Weight
	6	1,860	5,136	2,199	1,360	715	1,311	24.2
	7	2,170	5,516	2,199	1,360	715	1,311	26.5
	8	2,480	5,896	2,329	1,360	715	1,311	28.1
	9	2,790	6,276	2,329	1,360	715	1,311	30.2



### Remarks

- 1) The MCR will be based on ISO condition.
- 2) Fuel gas L.H.V.  $\geq 36$  MJ/Nm with M.N.  $\geq 80$ .
- 3) Warranted at 100% load.
- 4) All dimensions and weight are approximate value and subject to change without prior notice.