

Marine Offshore Engine

H27DFP

I Bore: 270 mm, Stroke: 330 mm

Main Data

Speed	1000 rpm	900 rpm
BMEP	bar	20.1
	Eng.kW	Eng.kW
6H27DF	1,860	1,710
7H27DF	2,170	1,995
8H27DF	2,480	2,280
9H27DF	2,790	2,565

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 (100% Load)

Heat rate @ Gas mode	7,728 kJ/kWh
SFOC @ Diesel mode	186 g/kWh

Specific Lubricating Oil Consumption

Lub. Oil: 0.6 g/kWh



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Controllable Pitch Propeller

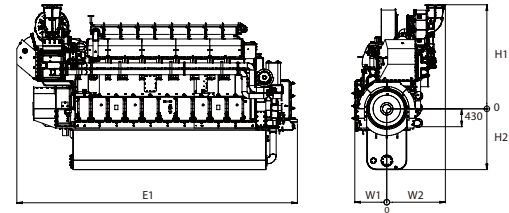
Permit high skew angles to minimize noise and vibration.

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)					Dry Weight
			E1	H1	H2	W1	W2	
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. ≥ 36 MJ/Nm with M.N. ≥ 80 .
- 3) Warranted at 100% load.
- 4) All dimensions and weight are approximate value and subject to change without prior notice.