

# Marine Offshore Engine

## H35DFVP

I Bore: 350 mm, Stroke: 400 mm

### Main Data

Speed	750 rpm
Mean Piston Speed m/s	10.0
	Eng.kW
12H35DFVP	6,000
14H35DFVP	7,000
16H35DFVP	8,000
18H35DFVP	9,000
20H35DFVP	10,000

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	7,270 kJ/kWh	
SFOC @ Diesel mode	185 g/kWh	184 g/kWh

### Specific Lubricating Oil Consumption

Lub. Oil: 0.4 g/kWh

### Controllable Pitch Propeller

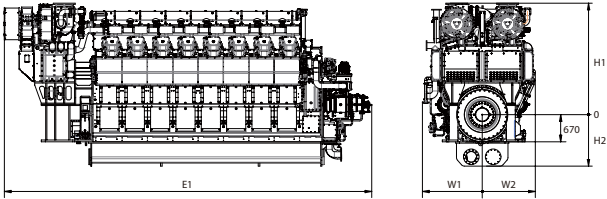
Permit high skew angles to minimize noise and vibration.

### Fixed Pitch Propeller

Guarantee optimum thrust, minimal noise and vibration level.

### Dimensions

750 rpm	cyl.	Rated Output at Engine (kW)	Engine dimension (mm) & dry weight (ton)					
			E1	H1	H2	W1	W2	Dry Weight
	12	6,000	7,808	2,749	1,270	1,508	1,308	60
	14	7,000	8,433	2,749	1,270	1,508	1,308	67.3
	16	8,000	9,058	2,966	1,270	1,508	1,308	73.1
	18	9,000	9,683	2,966	1,270	1,508	1,308	80.3
	20	10,000	10,308	2,966	1,270	1,508	1,308	88



### 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.



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