

# 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  |
| 12H35DFV              | 6,000   |
| 14H35DFV              | 7,000   |
| 16H35DFV              | 8,000   |
| 18H35DFV              | 9,000   |
| 20H35DFV              | 10,000  |

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

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

|                      |              |
|----------------------|--------------|
|                      | 750 rpm      |
| Heat rate @ Gas mode | 7,228 kJ/kWh |
| SFOC @ Diesel mode   | 184 g/kWh    |

### Specific Lubricating Oil Consumption

Lub. Oil: 0.4 g/kWh



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### Controllable Pitch Propeller

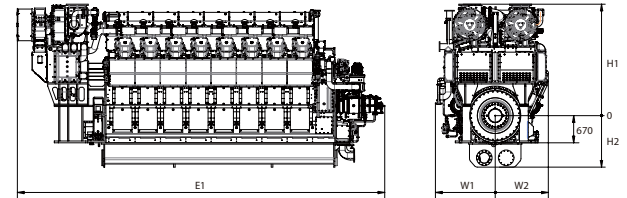
Permit high skew angles to minimize noise and vibration.

### Fixed Pitch Propeller

Guarantee optimum thrust, minimal noise and vibration level.

### Dimensions

| 750 rpm | cyl. | Rated Output at Engine (kW) | Engine dimension (mm) & dry weight (ton) |       |       |       |       | Dry Weight |
|---------|------|-----------------------------|--|-------|-------|-------|-------|------------|
|         |      |                             | E1                                       | H1    | H2    | W1    | W2    |            |
|         | 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.