

# Marine Offshore Engine

## H54DFP

**I Bore: 540 mm, Stroke: 600 mm**

### Main Data

|                       |         |
|-----------------------|---------|
| Speed                 | 600 rpm |
| Mean Piston Speed m/s | -       |
|                       | Eng.kW  |
| 6H54DFP               | 8,820   |
| 7H54DFP               | 10,290  |
| 8H54DFP               | 11,760  |
| 9H54DFP               | 13,230  |

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 | 7,108 kJ/kWh |           |
| SFOC @ Diesel mode   | 175 g/kWh    | 175 g/kWh |

### Specific Lubricating Oil Consumption

Lub. Oil: 0.5 g/kWh



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### Controllable Pitch Propeller

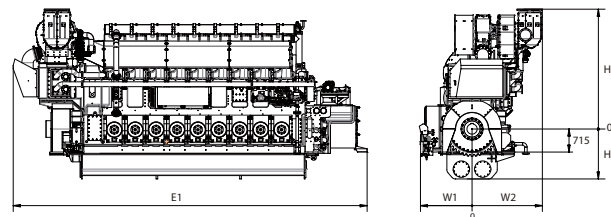
Permit high skew angles to minimize noise and vibration.

### Fixed Pitch Propeller

Guarantee optimum thrust, minimal noise and vibration level.

### Dimensions

| 600 rpm | cyl. | Rated Output at Engine (kW) | Engine dimension (mm) & dry weight (ton) |       |       |       |       | Dry Weight |
|---------|------|-----------------------------|--|-------|-------|-------|-------|------------|
|         |      |                             | E1                                       | H1    | H2    | W1    | W2    |            |
|         | 6    | 8,820                       | 8,484                                    | 4,249 | 1,464 | 1,512 | 1,669 | 133        |
|         | 7    | 10,290                      | 9,424                                    | 4,249 | 1,464 | 1,512 | 1,669 | 151        |
|         | 8    | 11,760                      | 10,365                                   | 4,832 | 1,464 | 1,520 | 1,784 | 173        |
|         | 9    | 13,230                      | 11,305                                   | 4,832 | 1,464 | 1,520 | 1,784 | 191        |



### 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.