

# Marine Offshore Gensets

**H32/40V | Bore: 320 mm, Stroke: 400 mm**

## Main Data

| Speed     | 720 rpm |        | 750 rpm |        |
|-----------|---------|--------|---------|--------|
| Frequency | 60 Hz   |        | 50 Hz   |        |
|           | Eng.kW  | Gen.kW | Eng.kW  | Gen.kW |
| 12H32/40V | 6,000   | 5,760  | 6,000   | 5,760  |
| 14H32/40V | 7,000   | 6,720  | 7,000   | 6,720  |
| 16H32/40V | 8,000   | 7,680  | 8,000   | 7,680  |
| 18H32/40V | 9,000   | 8,640  | 9,000   | 8,640  |
| 20H32/40V | 10,000  | 9,600  | 10,000  | 9,600  |

Based on alternator efficiency of 96 %.

## Specific Fuel Oil Consumption

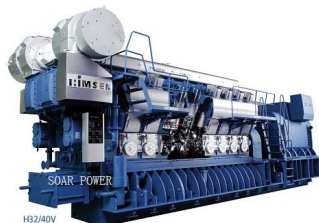
| Load  | 720 rpm   | 750 rpm   |
|-------|-----------|-----------|
| 100 % | 179 g/kWh | 181 g/kWh |

\*) Note :

- 1) Reference condition based on ISO 3046/1
- 2) Fuel oil based on LCV(Lower Calorific Value) 42,700kJ/kg
- 3) NOx Emission limitation : IMO Tier II

## Specific Lubricating Oil Consumption

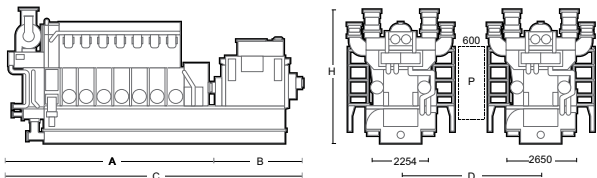
Lub. Oil: 0.5 g/kWh



## Dimensions

| Speed   | cyl. | Dimension (mm) |                 |                 |       | Dry Mass (ton)       |                         |
|---------|------|----------------|-----------------|-----------------|-------|----------------------|-------------------------|
|         |      | A              | B <sub>1)</sub> | C <sub>1)</sub> | H     | Engine <sub>2)</sub> | GenSet <sub>1),3)</sub> |
| 720 rpm | 12   | 6,624          | 3,760           | 10,384          | 4,723 | 56.0                 | 108.8                   |
|         | 14   | 7,295          | 3,860           | 11,155          | 4,723 | 63.3                 | 121.3                   |
|         | 16   | 7,914          | 3,479           | 11,393          | 4,723 | 69.1                 | 130.9                   |
|         | 18   | 8,585          | 3,859           | 12,444          | 4,794 | 76.3                 | 141.2                   |
|         | 20   | 9,344          | 3,659           | 13,003          | 4,794 | 84.0                 | 153.9                   |

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## Remarks

- 1) Depending on alternator.
- 2) Without common base frame.
- 3) With common base frame & alternator (Maker: Hyundai Electric).

D: Min. distance between engines 4,405 mm (with gallery).

P: Free passage between the engines, width 600 mm and height 2,000 mm.

Note) All dimensions and weight are approximate value and subject to change without prior notice.



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