

Marine Offshore Gensets

H25/33 | Bore: 250 mm, Stroke: 330 mm

Main Data

| Speed | 720 rpm | | 750 rpm | | 900 rpm | | 1000 rpm | |
|-----------|---------|--------|---------|--------|---------|--------|----------|--------|
| Frequency | 60 Hz | | 50 Hz | | 60 Hz | | 50 Hz | |
| | Eng.kW | Gen.kW | Eng.kW | Gen.kW | Eng.kW | Gen.kW | Eng.kW | Gen.kW |
| 6H25/33 | 1,440 | 1,368 | 1,500 | 1,425 | 1,800 | 1,710 | 1,800 | 1,710 |
| 7H25/33 | 1,680 | 1,596 | 1,750 | 1,663 | 2,100 | 1,995 | 2,100 | 1,995 |
| 8H25/33 | 1,920 | 1,824 | 2,000 | 1,900 | 2,400 | 2,280 | 2,400 | 2,280 |
| 9H25/33 | 2,160 | 2,052 | 2,250 | 2,138 | 2,700 | 2,565 | 2,700 | 2,565 |

Based on alternator efficiency of 95 %.

Specific Fuel Oil Consumption

| Load | 720 rpm | 750 rpm | 900 rpm | 1000 rpm |
|-------|-----------|-----------|-----------|-----------|
| 100 % | 180 g/kWh | 180 g/kWh | 181 g/kWh | 181 g/kWh |

Main Data (for Higher Power Rating)

| Speed | 720 rpm | | 750 rpm | | 900 rpm | | 1000 rpm | |
|-----------|---------|--------|---------|--------|---------|--------|----------|--------|
| Frequency | 60 Hz | | 50 Hz | | 60 Hz | | 50 Hz | |
| | Eng.kW | Gen.kW | Eng.kW | Gen.kW | Eng.kW | Gen.kW | Eng.kW | Gen.kW |
| 6H25/33 | 1,560 | 1,482 | 1,650 | 1,568 | 1,890 | 1,796 | 1,980 | 1,881 |
| 7H25/33 | 1,820 | 1,729 | 1,925 | 1,829 | 2,205 | 2,095 | 2,310 | 2,195 |
| 8H25/33 | 2,080 | 1,976 | 2,200 | 2,090 | 2,520 | 2,394 | 2,640 | 2,508 |
| 9H25/33 | 2,340 | 2,223 | 2,475 | 2,351 | 2,835 | 2,693 | 2,970 | 2,822 |

Based on alternator efficiency of 95 %.

Specific Fuel Oil Consumption (for Higher Power Rating)

| Load | 720 rpm | 750 rpm | 900 rpm | 1000 rpm |
|-------|-----------|-----------|-----------|-----------|
| 100 % | 182 g/kWh | 182 g/kWh | 183 g/kWh | 183 g/kWh |

Specific Lubricating Oil Consumption

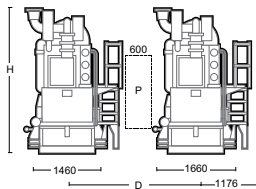
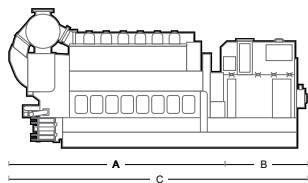
Lub. Oil: 0.6 g/kWh

Tier II, Tier III (with SCR)

Dimensions

| Speed | cyl. | Dimension (mm) | | | | Dry Mass (ton) | |
|------------------|------|----------------|-----------------|-----------------|-------|----------------------|-------------------------|
| | | A | B ₁₎ | C ₁₎ | H | Engine ₂₎ | GenSet _{1),3)} |
| 720 / 750 rpm | 6 | 4,414 | 2,262 | 6,676 | 2,961 | 20.2 | 29.8 |
| | 7 | 4,794 | 2,262 | 7,056 | 2,961 | 22.5 | 33.9 |
| | 8 | 5,311 | 2,340 | 7,651 | 3,241 | 24.1 | 39.5 |
| | 9 | 5,691 | 2,262 | 7,953 | 3,371 | 26.2 | 45.0 |

| Speed | cyl. | Dimension (mm) | | | | Dry Mass (ton) | |
|-------------------|------|----------------|-----------------|-----------------|-------|----------------------|-------------------------|
| | | A | B ₁₎ | C ₁₎ | H | Engine ₂₎ | GenSet _{1),3)} |
| 900 / 1000 rpm | 6 | 4,414 | 2,262 | 6,676 | 2,961 | 20.2 | 29.8 |
| | 7 | 4,794 | 2,262 | 7,056 | 3,241 | 22.5 | 33.9 |
| | 8 | 5,311 | 2,340 | 7,651 | 3,371 | 24.1 | 39.5 |
| | 9 | 5,691 | 2,490 | 8,181 | 3,371 | 26.2 | 45.0 |



Remarks

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

D: Min. distance between engines 2,844 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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