

Marine Offshore Gensets

H35DFV | Bore: 350 mm, Stroke: 400 mm

Main Data

Speed Frequency	720 rpm 60 Hz		750 rpm 50 Hz	
	Eng.kW	Gen.kW	Eng.kW	Gen.kW
12H35DFV	5,760	5,587	5,760	5,587
14H35DFV	6,720	6,518	6,720	6,518
16H35DFV	7,680	7,449	7,680	7,449
18H35DFV	8,640	8,380	8,640	8,380
20H35DFV	9,600	9,312	9,600	9,312

Based on alternator efficiency of 97 %.


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

Heat Rate & SFOC (100% Load)

	720 rpm / 60 Hz	750 rpm / 50 Hz
Heat rate @ Gas mode	7,545 kJ/kWh	7,545 kJ/kWh
SFOC @ Diesel mode	187 g/kWh	189 g/kWh

Specific Lubricating Oil Consumption

Lub. Oil: 0.4 g/kWh

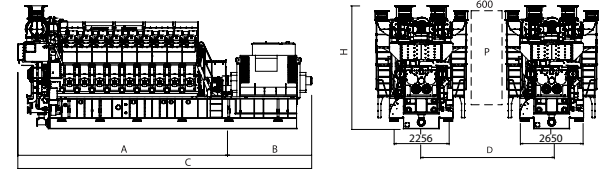

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Dual Fuel Engine
Tier II, Tier III

Dimensions

Speed	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B ₁₎	C ₁₎	H	Engine ₂₎	GenSet _{1),3)}
720 rpm	12	6,624	3,760	10,384	4,723	57.0	109.8
	14	7,295	3,860	11,155	4,723	64.3	122.3
	16	7,914	3,479	11,393	4,723	70.1	131.9
	18	8,585	3,859	12,444	4,794	77.3	142.2
	20	9,344	3,659	13,003	4,794	85.0	154.9

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750 rpm	12	6,624	3,760	10,384	4,723	58.0	109.8
	14	7,295	3,860	11,155	4,723	65.3	122.3
	16	7,914	3,479	11,393	4,723	71.1	131.9
	18	8,585	3,859	12,444	4,794	78.3	142.2
	20	9,344	3,659	13,003	4,794	86.0	154.9



Remarks

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

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.