

Marine Offshore Gensets

H35DF

I Bore: 350 mm, Stroke: 400 mm

Main Data

Speed	720 rpm		750 rpm	
	60 Hz		50 Hz	
Frequency	Eng.kW	Gen.kW	Eng.kW	Gen.kW
6H35DF	2,880	2,779	2,880	2,779
7H35DF	3,360	3,242	3,360	3,242
8H35DF	3,840	3,706	3,840	3,706
9H35DF	4,320	4,169	4,320	4,169

Based on alternator efficiency of 96.5 %.
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	7,441 kJ/kWh	7,270 kJ/kWh
SFOC @ Diesel mode	187 g/kWh	185 g/kWh

Specific Lubricating Oil Consumption

Lub. Oil: 0.4 g/kWh

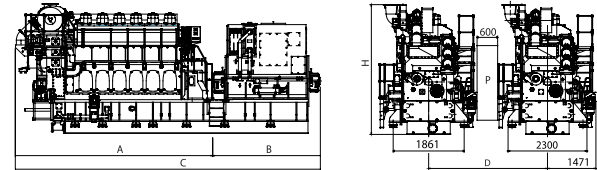


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Dimensions

Speed	cyl.	Dimension (mm)			Dry Mass (ton)	
		A	B ₁₎	C ₁₎	Engine ₂₎	GenSet _{1),3)}
720 rpm	6	5,760	3,130	8,890	4,367	69.6
	7	6,112	3,374	9,486	4,538	78.1
	8	6,602	3,594	10,196	4,538	83.0
	9	7,092	4,097	11,189	4,538	90.1

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Remarks

- 1) Depending on alternator.
- 2) Weight included a standard alternator (Maker : HHI-EES)
- 3) With Common base frame

D: Min. distance between engines : 3,037 mm (with gallery).
P: Free passage between the engines : 600 mm x 2,000 mm.

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