

Marine Offshore Gensets

H22CDF-LM | Bore: 220mm, Stroke: 330mm

Main Data

Speed	900 rpm		1,000 rpm	
Frequency	60 Hz		50 Hz	
	Eng.kW	Gen.kW	Eng.kW	Gen.kW
6H22CDF-LM	1,440	1,368	1,440	1,368
7H22CDF-LM	1,680	1,596	1,680	1,596
8H22CDF-LM	1,920	1,824	1,920	1,824
9H22CDF-LM	2,160	2,052	2,160	2,052

Based on alternator efficiency of 94~95 %.

Heat Rate & SFOC (75% Load)

	900 rpm / 60 Hz	1,000 rpm / 50 Hz
Heat rate @ Methanol mode	7,833.8 kJ/kWh	7,920.9 kJ/kWh
SFOC @ Diesel mode	184.6 g/kWh	186.7 g/kWh

Lubricating Oil Consumption

Methanol mode : 0.5g /kWh + 1.7~2.4 liter / 24hrs per cylinder

Diesel mode : 0.5g / kWh

Dual Fuel Engine

Tier II, Tier III

Dimensions

Speed	cyl.	Dimension (mm)			Dry Mass (ton)	
		A	B ₁₎	C ₁₎	Engine ₂₎	GenSet _{1,3)}
900 rpm	6	4,057	2,118	6,175	19.0	29.1
	7	4,407	2,230	6,637	21.1	32.9
	8	4,757	2,340	7,097	23.0	35.6
	9	5,107	2,632	7,739	24.9	40.7

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Remarks

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

D: Min. distance between engines.

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

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

