

Marine Offshore Gensets

H32DF-LM | Bore: 320 mm, Stroke: 400 mm

Main Data

Speed Frequency	720 rpm 60 Hz		750 rpm 50 Hz	
	Eng.kW	Gen.kW	Eng.kW	Gen.kW
6H32DF-LM	3,000	2,880	3,000	2,880
7H32DF-LM	3,500	3,360	3,500	3,360
8H32DF-LM	4,000	3,840	4,000	3,840
9H32DF-LM	4,500	4,320	4,500	4,320

Based on alternator efficiency of 96 %.

Heat Rate & SFOC (100% Load)

	720 rpm / 60 Hz	750 rpm / 50 Hz
Heat rate @ Methanol mode	7,998 kJ/kWh	8,197 kJ/kWh
SFOC @ Diesel mode	187 g/kWh	189 g/kWh

Lubricating Oil Consumption

Methanol mode : 0.5g /kWh + 1.1 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₎	D ₄₎	H	Engine ₂₎	GenSet _{1,3)}
720 rpm	6	5,765	3,415	9,180	3,677	4,520	40.2	62.5
	7	6,255	3,669	9,924	3,677	4,684	43.5	70.2
	8	6,881	3,923	10,804	3,677	4,684	46.7	77.8
	9	7,008	4,063	11,071	3,677	4,684	51.4	85.0

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Remarks

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

D: Min. distance between engines 3,677 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.

