

# Dual Fuel Generator Sets

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	2,764	2,880	2,764
7H35DF	3,360	3,225	3,360	3,225
8H35DF	3,840	3,705	3,840	3,705
9H35DF	4,320	4,168	4,320	4,168

Based on alternator efficiency of 96~96.5 %.

## Heat Rate & SFOC (100% Load)

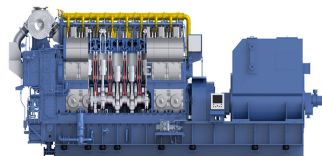
Speed	720 rpm / 60 Hz	750 rpm / 50 Hz
Heat Rate@Gas mode	7,441 kJ/kWh	7,270 kJ/kWh
SFOC@Diesel mode	187 g/kWh	185 g/kWh

\*) Note :

- 1) Reference condition based on ISO 3046/1
- 2) Main fuel oil based on marine diesel oil, LCV(Lower Calorific Value) 42,700kJ/kg
- 3) Fuel gas based on natural gas, Lower Heating Value 36MJ/Nm<sup>3</sup>, methane number Min. 80
- 4) NOx Emission limitation : IMO Tier II on Diesel mode, IMO Tier III on Gas mode

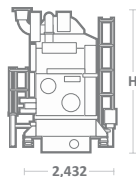
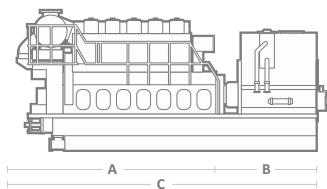
## Specific Lubricating Oil Consumption

Lub. Oil: 0.4 g/kWh



## Dimension & Weight

	Dimension (mm)				Dry mass (ton)	
	A	B	C	H	Engine	GenSet
6H35DF	5,760	3,130	8,890	4,367	34.7	69.6
7H35DF	6,112	3,374	9,486	4,583	39.6	78.1
8H35DF	6,602	3,594	10,196	4,583	42.5	83.0
9H35DF	7,092	4,097	11,189	4,583	45.6	90.1



### Remarks

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

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



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