

Gas Generator Sets

H35G I Bore: 350 mm, Stroke: 400 mm

Main Data

Speed	720 rpm		750 rpm	
Frequency	60 Hz		50 Hz	
	Eng. (kW)	Gen. (kW)	Eng. (kW)	Gen. (kW)
6H35G	2,880	2,764	3,000	2,880
7H35G	3,360	3,225	3,500	3,360
8H35G	3,840	3,705	4,000	3,860
9H35G	4,320	4,168	4,500	4,342

Based on alternator efficiency of 96~96.5 %.

Heat Rate & SFOC (100% Load)

Speed	720 rpm	750 rpm
Heat Rate	7,821 kJ/kWh	7,821 kJ/kWh
Electrical Efficiency	46	46

*) Note :

1) Reference condition based on ISO 3046/1

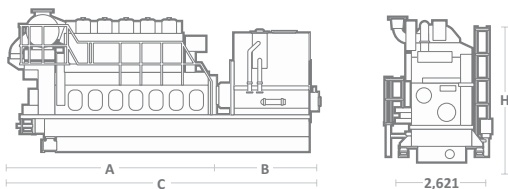
2) Fuel gas based on natural gas, Lower Heating Value 36MJ/Nm³, methane number Min. 80

Specific Lubricating Oil Consumption

Lub. Oil: 0.4 g/kWh

Dimension & Weight

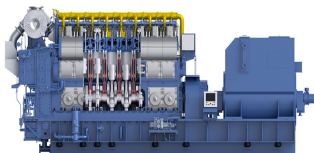
	Dimension (mm)				Dry mass (ton)	
	A	B	C	H	Engine	GenSet
6H35G	5,760	3,130	8,890	3,959	33.7	68.6
7H35G	6,112	3,374	9,486	4,130	38.6	77.1
8H35G	6,602	3,594	10,196	4,130	41.5	82.0
9H35G	7,092	4,097	11,189	4,130	44.6	89.1



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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