

Bore 350 mm, Stroke 400 mm

HYUNDAI-HIMSEN

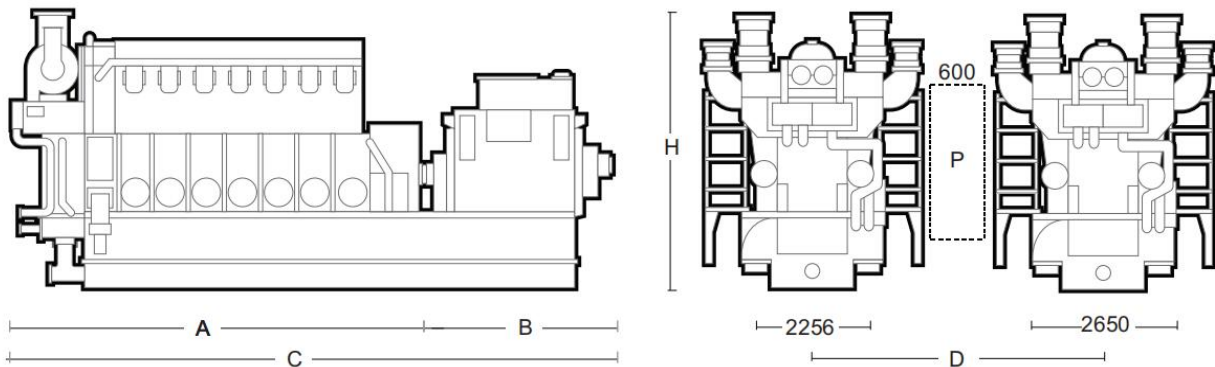
Main Data				
Frequency	50Hz		60Hz	
Speed	750 rpm		720 rpm	
Model	Gensets. kW	Engine. kW	Gensets. kW	Engine. kW
<b>12H35/40GV</b>	5,790	6,000	5,790	6,000
<b>14H35/40GV</b>	6,755	7,000	6,755	7,000
<b>16H35/40GV</b>	7,720	8,000	7,720	8,000
<b>18H35/40GV</b>	8,685	9,000	8,685	9,000
<b>20H35/40GV</b>	9,650	10,000	9,650	10,000

Based on alternator efficiency of 96.5%.

Specific Consumption & Heat Rate			
At 100% Load only	unit	720 rpm	750 rpm
Gas Consumption	g/kWh	157	157
	Nm <sup>3</sup> /kWh	0.196	0.196
Heat Rate	kJ/kWh <sub>m</sub>	7,547	7,547
	kJ/kWh <sub>e</sub>	7,780	7,780
Lub. Oil consumption	g/kWh	0.4	0.4
Electrical Efficiency	%	46.3	46.3

Fuel gas L.H.V.  $\geq 35$  MJ/Nm<sup>3</sup> With M.N.  $\geq 80$ .  
With engine driven pumps.

Dimensions							
Speed	Cyl.	Dimensions (mm)				Dry Mass (ton)	
		A	B <sub>1)</sub>	C <sub>1)</sub>	H	Engine 2)	Genset 1) 3)
720/750 rpm	12	6,624	3,706	10,384	4,723	56.0	108.8
	14	7,295	3,860	11,155	4,723	63.3	121.3
	16	7,914	3,479	11,393	4,723	69.1	130.9
	18	8,585	3,859	12,444	4,794	76.3	141.2
	20	9,344	3,659	13,003	4,794	84.0	153.9



### Remarks:

- 1) Depending on alternator.
  - 2) Without common base frame.
  - 3) With common base frame & alternator (Maker: HHI-EES).
- D: Min. distance between engines (D) 4,405 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.