

## H35DFV

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>12H35DFV</b>	5,558	5,760	5,558	5,760
<b>14H35DFV</b>	6,518	6,720	6,518	6,720
<b>16H35DFV</b>	7,449	7,680	7,449	7,680
<b>18H35DFV</b>	8,380	8,640	8,380	8,640
<b>20H35DFV</b>	9,360	9,600	9,360	9,600

Based on alternator efficiency of 96.5-97.5%.

Power adjusting between -5% derating is generally accepted, other power adjusting must be consulted to engine builder.

### Specific Consumption & Heat Rate

At 100% Load only	unit	750 rpm	720 rpm
Heat rate @ Gas mode	kJ/kWh	7,268	7,268
SFOC @ Diesel mode	g/kWh	185	183
Lub. Oil consumption	g/kWh	0.4	0.4

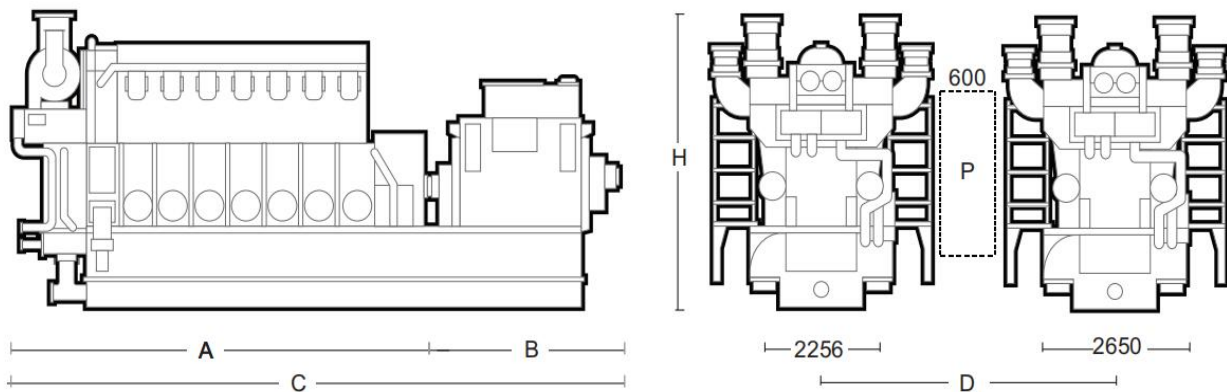
1) Without engine driven pumps(LO, HT, LT-pump).

2) Fuel gas L.H.V.  $\geq 36$  MJ/Nm<sup>3</sup> With M.N.  $\geq 80$ .

3) Fuel oil based on MDO, LCV 42,700 kJ/kg.

### Dimensions

Speed	Cyl.	Dimensions (mm)				Dry Mass (ton)	
		A	B <sub>1)</sub>	C <sub>1)</sub>	H	Engine <sub>2)</sub>	Genset <sub>1) 3)</sub>
720/750 rpm	12	6,624	3,760	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) Weight included a standard alternator (Maker : HHI-EES).

3) Without common Base frame.

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.