

Marine Offshore Gensets

H25/33V | Bore: 250 mm, Stroke: 330 mm

Main Data

Speed	900 rpm		1000 rpm	
Frequency	60 Hz		50 Hz	
	Eng.kW	Gen.kW	Eng.kW	Gen.kW
12H25/33V	4,080	3,876	4,080	3,876
14H25/33V	4,760	4,522	4,760	4,522
16H25/33V	5,440	5,168	5,440	5,168
18H25/33V	6,120	5,814	6,120	5,814
20H25/33V	6,800	6,460	6,800	6,460

Based on alternator efficiency of 96 %.

Specific Fuel Oil Consumption

Load	900 rpm	1000 rpm
100 %	183 g/kWh	183 g/kWh

*) Note :

- 1) Reference condition based on ISO 3046/1
- 2) Fuel oil based on LCV(Lower Calorific Value) 42,700kJ/kg
- 3) NOx Emission limitation : IMO Tier II

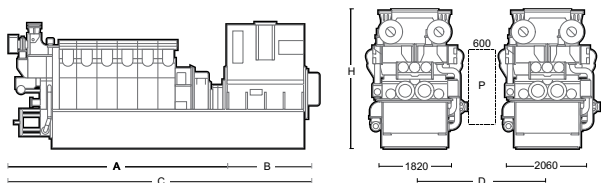
Specific Lubricating Oil Consumption

Lub. Oil: 0.6 g/kWh

Tier II, Tier III (with SCR)

Dimensions

Speed	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B ₁₎	C ₁₎	H	Engine ₂₎	GenSet _{1),3)}
900 / 1000 rpm	12	5,524	3,334	8,858	3,750	33.5	58.2
	14	5,944	3,504	9,448	3,750	36.5	63.4
	16	6,364	3,682	10,046	3,750	39.5	69.6
	18	6,784	3,772	10,556	3,750	42.5	77.5
	20	7,204	3,727	10,931	3,750	45.5	79.5



Remarks

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

D: Min. distance between engines 3,840 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.



SOAR POWER GROUP
[Http://www.soarpower.com](http://www.soarpower.com)
 E-mail: sale@soarpower.com
 Hotline: +86-4008111308