

# Marine Offshore Gensets

**H32/40 | Bore: 320 mm, Stroke: 400 mm**

## Main Data

Speed	720 rpm		750 rpm	
	60 Hz		50 Hz	
Frequency	Eng.kW	Gen.kW	Eng.kW	Gen.kW
6H32/40	3,000	2,880	3,000	2,880
7H32/40	3,500	3,360	3,500	3,360
8H32/40	4,000	3,840	4,000	3,840
9H32/40	4,500	4,320	4,500	4,320

Based on alternator efficiency of 96 %.

## Specific Fuel Oil Consumption

Load	720 rpm	750 rpm
100 %	179 g/kWh	181 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

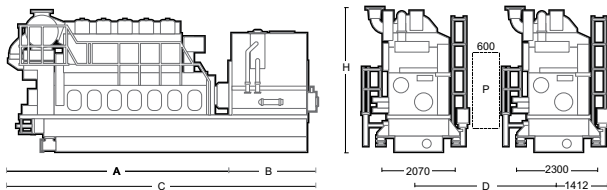
Lub. Oil: 0.5 g/kWh

## Tier II, Tier III (with SCR)

### Dimensions

Speed	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B <sub>1)</sub>	C <sub>1)</sub>	H	Engine <sub>2)</sub>	GenSet <sub>1),3)</sub>
720 rpm	6	5,760	3,130	8,890	3,959	33.7	68.6
	7	6,112	3,374	9,486	4,130	38.6	77.1
	8	6,602	3,594	10,196	4,130	41.5	82.0
	9	7,092	4,097	11,189	4,130	44.6	89.1

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### Remarks

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

D: Min. distance between engines 3,408 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](mailto:sale@soarpower.com)  
 Hotline: +86-4008111308