

Marine Offshore Gensets

H54DF | Bore: 540mm, Stroke: 600mm

Main Data

Speed	600 rpm	
Frequency	50 Hz / 60 Hz	
	Eng.kW	Gen.kW
6H54DF	8,820	8,555
7H54DF	10,290	9,981
8H54DF	11,760	11,407
9H54DF	13,230	12,833

Based on alternator efficiency of 97 %.

Heat Rate & SFOC (100% Load)

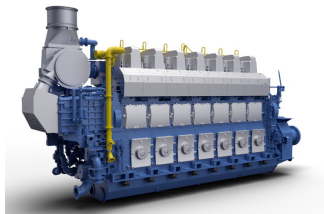
Speed	600 rpm
Heat Rate@Gas mode	7,280 kJ/kWh
SFOC@Diesel mode	179 g/kWh

*) Note :

- 1) Reference condition based on ISO 3046/1
- 2) Main fuel oil based on marine diesel oil, LCV(Lower Calorific Value) 42,700kJ/kg
- 3) Fuel gas based on natural gas, Lower Heating Value 36MJ/Nm³, methane number Min. 80
- 4) NOx Emission limitation : IMO Tier II on Diesel mode, IMO Tier III on Gas mode

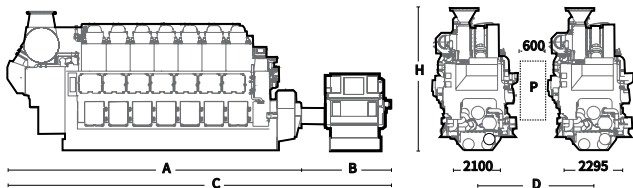
Specific Lubricating Oil Consumption

Lub. Oil: 0.5 g/kWh



Dimensions

Speed	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B ¹⁾	C ¹⁾	H	Engine ²⁾	GenSet ^{1),3)}
600 rpm	6	9,840	4,202	14,042	5,563	135.0	171.0
	7	10,780	4,487	15,267	5,563	153.0	191.0
	8	11,720	4,661	16,381	5,761	174.0	215.0
	9	12,660	4,407	17,067	5,761	192.0	241.0



Remarks

- 1) Depending on alternator.
- 2) With dry sump.
- 3) With alternator (Maker: Hyundai Electric).

D: Min. distance between engines 4,500 mm.

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