

# Marine Offshore Gensets

## H27DF

Main Data | Bore: 270 mm, Stroke: 330 mm

Speed	720 rpm		750 rpm		900 rpm		1000 rpm	
Frequency	60 Hz		50 Hz		60 Hz		50 Hz	
	Eng.kW	Gen.kW	Eng.kW	Gen.kW	Eng.kW	Gen.kW	Eng.kW	Gen.kW
6H27DF	1,368	1,300	1,422	1,351	1,710	1,625	1,860	1,767
7H27DF	1,596	1,516	1,659	1,576	1,995	1,895	2,170	2,062
8H27DF	1,824	1,733	1,896	1,801	2,280	2,166	2,480	2,356
9H27DF	2,052	1,949	2,133	2,026	2,565	2,437	2,790	2,651

Based on alternator efficiency of 95 %.

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

### Heat Rate & SFOC (100% Load)

	720 rpm / 750 rpm	900 rpm / 1000 rpm
Heat rate @ Gas mode	7,900 kJ/kWh	7,900 kJ/kWh
SFOC @ Diesel mode	190 g/kWh	190 g/kWh

### Specific Lubricating Oil Consumption

Gas mode: 0.25 g/kWh

Dieself mode: 0.4 g/kWh



URL: <http://www.soar.hk>

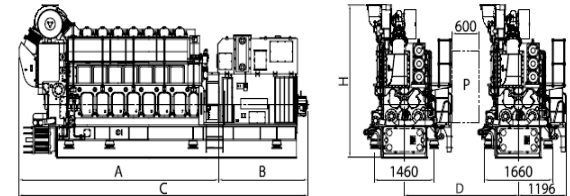
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### Dimensions

Speed	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B <sup>1)</sup>	C <sup>1)</sup>	H	Engine <sup>2)</sup>	GenSet <sup>1),3)</sup>
720 / 750 rpm	6	4,414	2,262	6,676	2,835	21.2	30.8
	7	4,794	2,262	7,056	2,835	23.5	34.9
	8	5,311	2,340	7,573	3,241	25.1	40.5
	9	5,691	2,262	7,953	3,371	27.2	46.0

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	9	5,691	2,490	8,181	3,371	27.2	46.0



### Remarks

- 1) Depending on alternator.
- 2) Weight included a standard alternator (Maker : HHI-EES)
- 3) With Common base frame

D: Mfin. distance between engines 2,844 mm (with gafflery).

P: Free passage between the engines : width 600 mm x height 2,000 mm.

Note) All dimensions and weight are approximate value and subject to change without prior notice.