

Marine Offshore Gensets

H21/32

Main Data | Bore: 210 mm, Stroke: 320 mm

Speed	720 rpm		750 rpm		900 rpm		1000 rpm	
	60 Hz		50 Hz		60 Hz		50 Hz	
Frequency	Eng.kW	Gen.kW	Eng.kW	Gen.kW	Eng.kW	Gen.kW	Eng.kW	Gen.kW
5H21/32	800	752	800	752	960	910	-	-
6H21/32	960	902	960	902	1,200	1,140	1,200	1,140
7H21/32	1,120	1,064	1,120	1,064	1,400	1,330	1,400	1,330
8H21/32	1,280	1,216	1,280	1,216	1,600	1,520	1,600	1,520
9H21/32	1,440	1,368	1,440	1,368	1,800	1,710	1,800	1,710

Based on alternator efficiency of 94 - 95 %.

Specific Fuel Oil Consumption at Engine

Load	720 rpm	750 rpm	900 rpm	1000 rpm
100 %	182 g/kWh	182 g/kWh	183 g/kWh	185 g/kWh

Exceptionally, 5H21/32 x 900 rpm is 190 g/kWh

Main Data (for Higher Power Rating)

Speed	720 rpm		750 rpm		900 rpm		1000 rpm	
	60 Hz		50 Hz		60 Hz		50 Hz	
Frequency	Eng.kW	Gen.kW	Eng.kW	Gen.kW	Eng.kW	Gen.kW	Eng.kW	Gen.kW
6H21/32	1,050	987	1,050	987	1,320	1,254	1,320	1,254
7H21/32	1,225	1,164	1,225	1,164	1,540	1,463	1,540	1,463
8H21/32	1,400	1,330	1,400	1,330	1,760	1,672	1,760	1,672
9H21/32	1,575	1,496	1,575	1,496	1,980	1,881	1,980	1,881

Based on alternator efficiency of 94 - 95 %.

Specific Fuel Oil Consumption at Engine (for Higher Power Rating)

Load	720 rpm	750 rpm	900 rpm	1000 rpm
100 %	184 g/kWh	184 g/kWh	185 g/kWh	187 g/kWh

Specific Fuel Oil Consumption at Engine (for Higher Power Rating)

Lub. Oil: 0.6 g/kWh

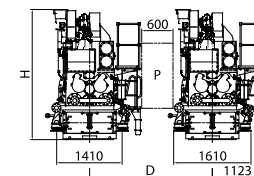
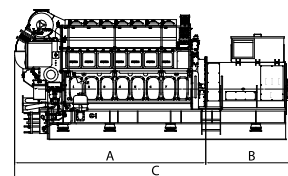


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Dimensions

Speed	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B ₁₎	C ₁₎	H	Engine ₂₎	GenSet _{1),3)}
720 / 750 rpm	5	3,405	1,926	5,331	2,712	14.0	22.4
	6	3,781	1,977	5,758	2,712	15.6	23.5
	7	4,111	1,977	6,088	2,781	17.1	26.5
	8	4,453	2,175	6,628	2,781	18.5	29.1
9	4,783	2,265	7,048	2,911	19.9	31.7	

Speed	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B ₁₎	C ₁₎	H	Engine ₂₎	GenSet _{1),3)}
900 / 1000 rpm	5	3,411	2,097	5,508	2,712	13.4	22.9
	6	3,781	1,977	5,758	2,781	15.1	26.1
	7	4,235	1,977	6,212	2,781	16.7	28.6
	8	4,453	2,175	6,628	2,911	18.4	29.1
9	4,783	2,265	7,048	2,911	19.8	31.7	



Remarks

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

D: Min. distance between engines 2,613 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.