

Marine Offshore Gensets


Tier II, Tier III (with SCR)

H17/21V | Bore: 170 mm, Stroke: 210 mm

Main Data

Speed Frequency	1500 rpm 50 Hz		1800 rpm 60 Hz	
	Eng.kW	Gen.kW	Eng.kW	Gen.kW
Continuous power				
6H17/21V	756	722	864	825
8H17/21V	1,008	963	1,152	1,100
10H17/21V	1,260	1,203	1,440	1,375
12H17/21V	1,512	1,444	1,728	1,650
16H17/21V	2,016	1,925	2,304	2,200
18H17/21V	2,268	2,166	2,592	2,475
20H17/21V	2,520	2,407	2,880	2,750
Prime power				
6H17/21V	840	802	960	917
8H17/21V	1,120	1,070	1,280	1,222
10H17/21V	1,400	1,337	1,600	1,528
12H17/21V	1,680	1,604	1,920	1,834
16H17/21V	2,240	2,139	2,560	2,445
18H17/21V	2,520	2,407	2,880	2,750
20H17/21V	2,800	2,674	3,200	3,056
Standby power				
6H17/21V	924	882	1,050	1,003
8H17/21V	1,232	1,177	1,408	1,345
10H17/21V	1,540	1,471	1,760	1,681
12H17/21V	1,848	1,765	2,112	2,017
16H17/21V	2,464	2,353	2,816	2,689
18H17/21V	2,772	2,647	3,168	3,025
20H17/21V	3,080	2,941	3,520	3,362

Based on alternator efficiency of 96 %.


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Specific Fuel Oil Consumption at Engine

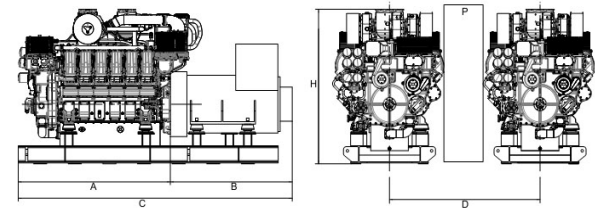
Load	1500 rpm	1800 rpm
100%	192 g/kWh	197 g/kWh

Specific Lubricating Oil Consumption

Lub. Oil: 0.6 g/kWh

Dimensions

Speed	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B ₁₎	C ₁₎	H	Engine ₂₎	GenSet _{1,3)}
1500 rpm	6	1,495	1,986	3,481	2,100	4.0	8.6
	8	1,730	1,993	3,723	2,100	4.9	9.6
	10	1,965	2,050	4,015	2,100	5.8	11.2
1800 rpm	12	2,200	2,050	4,250	2,100	6.7	13.2
	16	2,600	2,050	4,650	2,100	8.0	15.2
	18	2,800	2,680	5,480	2,100	8.9	16.8
20	3,100	2,680	5,780	2,100	9.8	18.0	



Remarks

- 1) Depending on alternator.
- 2) Without common bed.
- 3) With Generator & Common bed (Maker : HHI-EES)

D: Min distance between engines – 2,305 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 notice.