

Stationary Gensets

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				
12H17/21V	1,512	1,452	1,728	1,659
16H17/21V	2,016	1,935	2,304	2,212
18H17/21V	2,268	2,177	2,592	2,488
20H17/21V	2,520	2,419	2,880	2,765
Prime power				
12H17/21V	1,680	1,613	1,920	1,843
16H17/21V	2,240	2,150	2,560	2,458
18H17/21V	2,520	2,419	2,880	2,765
20H17/21V	2,800	2,688	3,200	3,072
Standby power				
12H17/21V	1,848	1,774	2,112	2,028
16H17/21V	2,464	2,365	2,816	2,703
18H17/21V	2,772	2,661	3,168	3,041
20H17/21V	3,080	2,957	3,520	3,379

Based on alternator efficiency of 96 %.

Specific Fuel Oil Consumption at 100% Engine Load

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

Heat Rate

Load	Unit	1500 rpm	1800 rpm
100 %	kJ/kWh _m	8,198	8,412
	kJ/kWh _s	9,165	8,762

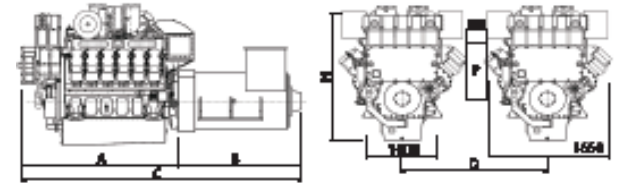
Specific Lubricating Oil Consumption

Lub. Oil: 0.6 g/kWh

Dimensions

1500rpm	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B ¹⁾	C ¹⁾	H	Engine ²⁾	GenSet ^{1),3)}
	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

1800rpm	cyl.	Dimension (mm)				Dry Mass (ton)	
		A	B ¹⁾	C ¹⁾	H	Engine ²⁾	GenSet ^{1),3)}
	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 bad frame.
- 3) With common bad frame & alternator (Maker: HHI-EES).

D: Min. distance between engines 2,450 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.