

Marine Offshore Gensets

H32CV I Bore: 320mm, Stroke: 450mm

Main Data

Speed	720 rpm		750 rpm	
Frequency	60 Hz		50 Hz	
	Eng.kW	Gen.kW	Eng.kW	Gen.kW
12H32CV	7,200	6,948	7,200	6,948
14H32CV	8,400	8,106	8,400	8,106
16H32CV	9,600	9,264	9,600	9,264
18H32CV	10,800	10,422	10,800	10,422

Based on alternator efficiency of 96.5 %.

Specific Fuel Oil Consumption

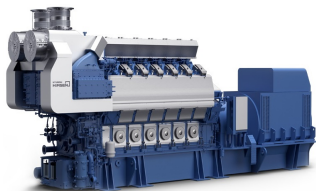
Load	720 rpm	750 rpm
100%	174 g/kWh	176 g/kWh

*) Note :

- 1) Reference condition based on ISO 3046/1
- 2) Fuel oil based on LCV(Lower Calorific Value) 42,700kJ/kg
- 3) NOx Emission limitation : IMO Tier II

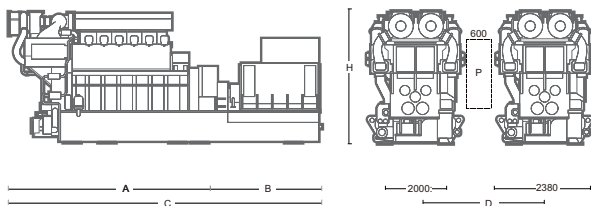
Specific Lubricating Oil Consumption

Lub. Oil: 0.5 g/kWh



Dimensions

Speed	cyl.	Dimension (mm)				Dry Weight (ton)	
		A	B ¹⁾	C ¹⁾	H	Engine ²⁾	GenSet ^{1),3)}
720 / 750 rpm	12	7,526	3,900	11,426	4,362	78.0	121.2
	14	8,126	4,100	12,226	4,362	88.0	137.9
	16	8,726	4,300	13,026	4,448	96.0	152.6
	18	9,326	4,500	13,826	4,448	106.0	169.3



Remarks

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

D: Min. distance between engines 4,760 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.



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