

Marine Generator Sets C32 ACERT IMO II

Generator Set Specifications

Minimum Rating	550 ekW (688 kVA)
Maximum Rating	940 ekW (1175 kVA)
Frequency	50 Hz or 60 Hz
Speed	1500 rpm (50 hz) or 1800 rpm (60 hz)
Emissions/Fuel Strategy	IMO II

Engine Specifications

Aspiration	Twin Turbocharged-Aftercooled
Bore	145 mm
Stroke	162 mm
Displacement	32.1 l
Governor Type	Electronic
Fuel System	Diesel
Engine Model	Vee 12, 4-Stroke-Cycle Diesel

Generator Set Dimensions

Length	4275.9 mm
Width	1671.1 mm
Height	1800 mm
Weight - Estimated	7131 kg

Generator Specifications

Excitation	permanent magnet (PMG)
Pitch	2/3
Number of Poles	4
Number of Bearings	2 roller bearings
Number of Leads	6
Insulation	Class H
Voltage Regulation	± 0.5% (steady state)
Frame Size	1423, 1467
IP Rating	Drip Proof IP 23*
Alignment	Closed-coupled adapter
Wave Form Deviation - Line to Line	< 3.0%
Voltage Regulator	Cat® Digital Voltage Regulator (CDVR)
Telephone Influence Factor (TIF)	< 50