

PRODUCT SPECIFICATIONS FOR C32 IMO III



Minimum Rating	219 ekW
Maximum Rating	940 ekW
Frequency	60hz
Configuration	Vee-12, 4-stroke-Cycle-Diesel
Aspiration	Turbocharged-aftercooled aspiration
Bore	145 mm
Stroke	162 mm
Displacement	32.1 l
Emissions	IMO III emissions certified (SCR required)
Rated Engine Speed	1500 rpm
Governor	Electronic (A5 ECM)
Refill Capacity	Lube Oil System w/ oil filter change: 146 L (38.5 gal)
Oil Change Interval	750 hrs
Cooling	Heat exchanger, keel or radiator cooled
Generator	SR5 - Form Wound
Length	167.2 in/4245 mm (minimum), 226.1 in/5742 mm (maximum)

Width 59.9 in/1521 mm (minimum), 89.8 in/2280 mm (maximum)

Height 70.4 in/1747 mm (minimum), 92.8 in/2356 mm (maximum)

Package Dry Weight 15721 lb/7131 kg (minimum), 21998 lb/9978 kg (maximum)

C32 IMO III STANDARD EQUIPMENT

AIR INLET SYSTEM

Separate circuit aftercooled (SCAC)

Closed crankcase fumes disposal

CONTROL SYSTEM

24V control system

COOLING SYSTEM

Heat exchanger or Keel Cooling

Watercooled exhaust manifold and turbocharger

Hard seawater lines – no flexible hoses

Flanges for cooling connections, ANSI or DIN

FUEL SYSTEM

Primary fuel filter with water separator installed on base frame

Duplex fuel filters with hybrid fuel lines

GENERATORS AND GENERATOR ATTACHMENTS

IP23, air cooled, form wound SR5 generator offered in 380, 400, 415 and 690 V

LUBE SYSTEM

Oil fill, simplex filter and dipstick

MOUNTING SYSTEM

Helical spring/rubber isolated mounting for vibration and structure borne noise reduction

GENERAL

Right or left hand service sides

Customer wiring and service tool connector

C32 IMO III OPTIONAL EQUIPMENT

ALARM AND PROTECTION

MGCP111B control panel with Cat® Alarm and Protection System

IP44 generator protection

EXHAUST SYSTEM

Muffler

Water-in-fuel and exhaust temperature sensors

SOLAS approved spray shielding

CHARGING SYSTEM

Charging alternator

FUEL SYSTEM

Manual or electric fuel priming pump

Fuel cooler

LUBE SYSTEM

Duplex oil filters

STARTING SYSTEM

Starting motors – air, electric or redundant