

PRODUCT SPECIFICATIONS FOR C32 TIER 4 / IMO III



Minimum Rating	282 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	U.S. EPA Tier 4 Final certified / IMO III emissions certified (SCR required)
Rated Engine Speed	1800 rpm
Governor	Electronic (A5 ECM)
Generator	SR5 - Form Wound
Cooling	Heat exchanger, keel or radiator cooled
Oil Change Interval	750 hrs
Refill Capacity	Lube Oil System w/ oil filter change: 146 L (38.5 gal)
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)
Engine Dry Weight	15721 lb/7131 kg (minimum), 21998 lb/9978 kg (maximum)
6 Brick Z-Flow - Length	3751 mm
Dosing Cabinet - Weight	95 kg
6 Brick Z-Flow - Weight	565 kg
6 Brick U-Flow - Weight	560 kg
Dosing Cabinet - Height	579 mm
6 Brick U-Flow - Width	1445 mm
6 Brick U-Flow - Length	2159 mm
Dosing Cabinet - Width	477 mm
6 Brick Z-Flow - Width	1106 mm
6 Brick U-Flow - Height	597 mm
Dosing Cabinet - Length	949 mm
6 Brick Z-Flow - Height	597 mm

C32 TIER 4 / 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

Duplex fuel filters with hybrid fuel lines

Primary fuel filter with water separator installed on base frame

GENERATORS AND GENERATOR ATTACHMENTS

IP23, air cooled, form wound SR5 generator offered in 440, 480 and 690V

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 TIER 4 / IMO III OPTIONAL EQUIPMENT

ALARM AND PROTECTION

MGCP III B 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

