

PRODUCT SPECIFICATIONS FOR C32 TIER 3 / IMO II



Minimum Rating	234 bkW
Maximum Rating	994 bkW
Aspiration	Turbocharged-aftercooled aspiration
Emissions	U.S. EPA Tier 3 / IMO II emissions certified
Displacement	32.1 l
Bore	145 mm
Stroke	162 mm
Rotation	Counterclockwise from flywheel end
Configuration	Vee 12, 4-stroke-cycle diesel
Oil Change Interval	750 hrs
Flywheel Housing	SAE No. 0 with SAE No. 18 flywheel (136 teeth)
Refill Capacity	Lube Oil System w/Oil filter change: 146 L (38.5 gal)
Governor	Electronic (A4 ECM)
Rated Engine Speed	1800 rpm
Cooling	Heat exchanger or keel cooled
Minimum Length	2130 mm

Maximum Width	1455 mm
Minimum Engine Dry Weight	3152 kg
Minimum Width	1451 mm
Minimum Height	1507 mm
Maximum Length	2280 mm
Maximum Engine Dry Weight	3248 kg
Maximum Height	1613 mm

C32 TIER 3 / IMO II STANDARD EQUIPMENT

AIR INLET SYSTEM

Separate circuit aftercooled (SCAC)

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

Fuel transfer and priming pump

LUBRICATION SYSTEM

Oil fill, simplex filter and dipstick

Deep or shallow sump oil pan

MOUNTING SYSTEM

Adjustable front support mounting system

GENERAL

Right or left hand service sides

Customer wiring and service tool connector

C32 TIER 3 / IMO II OPTIONAL EQUIPMENT

AIR INLET SYSTEM

Closed crankcase fumes disposal

ALARM AND PROTECTION

MECP I control panel

MGCP II or MGCP IIIB control panel with Cat® Alarm and Protection System

CHARGING SYSTEM

Charging alternator

FUEL SYSTEM

Primary fuel filter with water separator, fuel cooler

Primary fuel filter with water separator, fuel cooler

LUBE SYSTEM

Duplex oil filters

POWER TAKE-OFFS

Front drives including stub shaft and pump drive

Rear SAE A or B pump drives

STARTING SYSTEM

Starting motors – air, electric or dual