

PRODUCT SPECIFICATIONS FOR C32 TIER 3 / IMO II

Power Range	61-1450 bhp (46-1072 bkW)
Emissions	U.S. EPA Tier 3 / IMO II emissions certified
Aspiration	Turbocharged-aftercooled aspiration
Bore	5.71 in
Stroke	6.38 in
Displacement	1959 in ³
Rotation from Flywheel End	Counterclockwise from flywheel end
Configuration	Vee 12, 4-stroke-cycle diesel
Rated Engine Speed	1600-2300 rpm
Cooling	Heat exchanger or keel cooled
Governor	Electronic (A4 ECM)
Flywheel Housing	SAE No. 0 with SAE No. 18 flywheel (136 teeth)
Oil Change Interval	1000 hrs
Refill Capacity	Lube Oil System w/Oil filter change: 146 L (38.5 gal)
Minimum Length	83.9 in
Maximum Length	89.8 in

Minimum Height	59.3 in
Maximum Height	63.5 in
Minimum Width	57.1 in
Maximum Width	57.3 in
Minimum Engine Dry Weight	6950 lb
Maximum Engine Dry Weight	7160 lb

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

LUBE 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

MECP II or MECP III control panel with Cat® Alarm and Protection System

CHARGING SYSTEM

Charging alternator

FUEL SYSTEM

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