

PRODUCT SPECIFICATIONS FOR C32 IMO III

US Metric

Minimum Rating 1047 BHP

Maximum Rating 1332 BHP

Aspiration Turbocharged-aftercooled

Emissions IMO III emissions certified (SCR required)

Displacement 1959 in³

Stroke 6.38 in

Rotation Counterclockwise from flywheel end

Bore 5.71 in

Configuration Vee 12, 4-stroke-cycle diesel

Cooling Heat exchanger or keel cooled

Flywheel Housing SAE No. 0 with SAE No. 18 flywheel (136 teeth)

Rated Engine Speed 1500 rpm

Governor Electronic (A5 ECM)

Oil Change Interval 750 hrs - deep pan

Refill Capacity Lube Oil System w/ oil filter change: 146 L (38.5 gal) - deep pan

Maximum Engine Dry Weight 7160 lb

Minimum Height	59.3 in
Minimum Engine Dry Weight	6950 lb
Minimum Width	57.1 in
Maximum Length	89.8 in
Minimum Length	83.9 in
Maximum Width	57.3 in
Maximum Height	63.5 in
6 Brick Z-Flow - Weight	1246 lb
6 Brick U-Flow - Width	56.9 in
6 Brick U-Flow - Length	85 in
6 Brick U-Flow - Height	23.5 in
Dosing Cabinet - Width	18.8 in
6 Brick Z-Flow - Height	23.5 in
Dosing Cabinet - Weight	209 lb
6 Brick Z-Flow - Length	147.7 in
6 Brick U-Flow - Weight	1235 lb
Dosing Cabinet - Length	37.4 in
Dosing Cabinet - Height	22.8 in

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

Duplex fuel filters with hybrid fuel lines
Shipped loose primary fuel filter with water separator
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 IMO III OPTIONAL EQUIPMENT

ALARM AND PROTECTION

MECP I control panel

MECP III control panel with Cat® Alarm and Protection System

EXHAUST SYSTEM

Water-in-fuel and exhaust temperature sensors

Muffler

CHARGING SYSTEM

Charging alternator

FUEL SYSTEM

Manual or electric fuel priming pump

Fuel cooler

LUBE SYSTEM

Duplex oil filters

POWER TAKE-OFFS

Front drives including stub shaft and pump drive

Front drives including stop start and pump drive

Rear SAE A or B pump drives

STARTING SYSTEM

Starting motors – air, electric or redundant