

PRODUCT SPECIFICATIONS FOR C9 ACERT

RATINGS

Power Range	503-567 bhp (375-423 kW)
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ENGINE

Speed Range	2500 rpm
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Emissions	IMO II
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Aspiration	TA
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Bore	112 mm
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Stroke	149 mm
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Displacement	8.8 l
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Rotation from Flywheel End	Counterclockwise
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Configuration	In-line 6, 4-Stroke-Cycle Diesel
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DIMENSIONS & WEIGHTS

Length	1198 mm
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Width - Engine	974 mm
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Approximate Engine Dry Weight	946 kg
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Height	983 mm
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C9 ACERT STANDARD EQUIPMENT

AIR INLET SYSTEM

Aftercooler (sea water)

Air Cleaner/Fumes Disposal (closed crankcase) - shipped loose

Turbocharger

CONTROL PANELS

Electronic governor

Hydraulic Electronic Unit Injection (HEUI) fuel system

Electronic Control Module (ECM)

Engine mounted 70-pin dedicated customer connector

SAE J1939 data link

COOLING SYSTEM

Thermostat and housing

Jacket water pump, belt driven, centrifugal

Auxiliary sea water pump, gear driven

Expansion tank (heat exchanger engines only)

Engine mounted heat exchanger, removable tube bundle (for sea water) (heat exchanger engines only)

Engine oil cooler

Auxiliary sea water lines

Transmission oil cooler

FLYWHEEL & FLYWHEEL HOUSINGS

Flywheel, SAE No. 1, 113 teeth

Flywheel housing, SAE No. 1

FUEL SYSTEM

Fuel filter, RH service on Port, LH service on starboard

Fuel transfer pump

Fuel priming pump

LUBE SYSTEM

Crankcase breather

Oil filter, front center service

Oil filler, in valve cover

Oil level gauge, RH service on port, LH service on starboard

Oil pan

Oil pan drain, RH service on port, LH service on starboard

Engine oil pump (gear driven)

MOUNTING SYSTEM

Front support, adjustable height

PROTECTION SYSTEM

Overspeed shutoff - electronic

GENERAL

Torsional vibration damper and guard

Lifting eyes

Literature

Engine wiring

RH or LH service options

C9 ACERT OPTIONAL EQUIPMENT

COOLING SYSTEM

Coolant level sensor

EXHAUST SYSTEM

Exhaust Temp Sensor

Watercooled Elbows

FUEL SYSTEM

Fuel cooler

Flexible fuel lines

INSTRUMENTATION

OEM Wiring Harness

Engine to Engine Harness

Wiring Harness

Transmission Sensors

Marine Power Display System

Marine Power Display

Marine Power Display Bracket

LUBE SYSTEM

Oil Filler

Sump pumps, manual

Sump pump lines

MOUNTING SYSTEM

Vibration isolators

POWER TAKE-OFFS

Crankshaft pulley

Damper and Stub Shaft

Pulley and Stub Shaft

GENERAL

Damper Guard

Belt Guard - Alternator

PACKING

Engine Protective Cover

Export Packing