

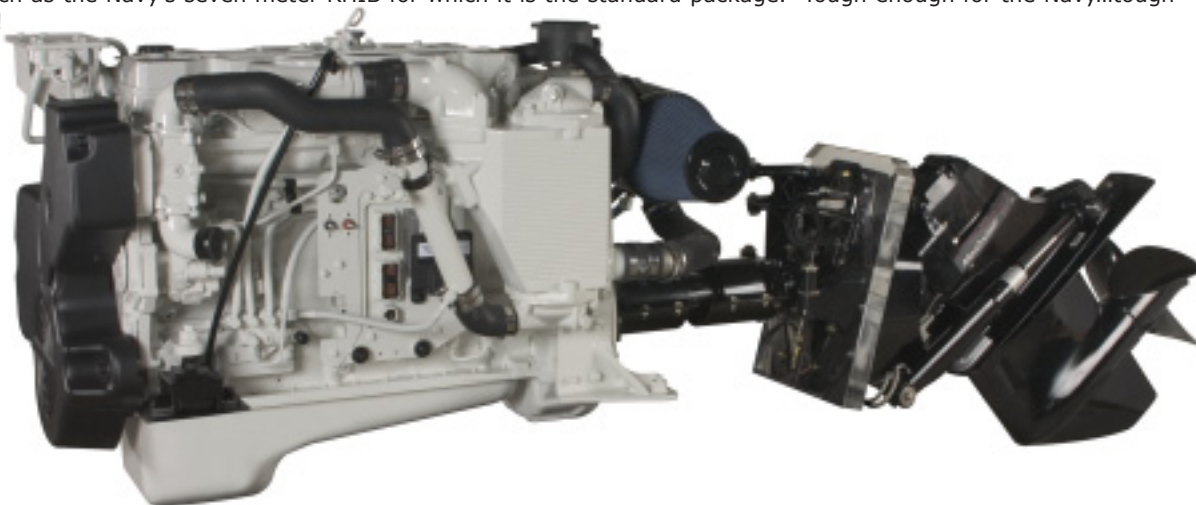
QSB5.9 ES 230

Cummins MerCruiser Diesel

Quantum Engine Series

ENGINE DESIGN

Cummins MerCruiser Diesel is proud to introduce the **QSB5.9 ES 230**. This revolutionary package combining the new QSB5.9 inboard engine with the proven MerCruiser Bravo II-X drive is creating waves throughout the marine industry worldwide. With its roots going back to the proven 6BTA5.9-M, the **QSB5.9 230 @ 3000 rpm** is providing a Quantum Leap in the marine industry by incorporating the latest diesel engine technology into a sterndrive configuration. A high pressure common rail fuel system virtually eliminates start up white smoke and black smoke, improves fuel economy and significantly reduces noise and smell. The base engine uses the same components found in the 2005 Dodge Ram Pick-up Truck powered by the Cummins ISB Turbo Diesel. The engine includes a new cylinder head with four valves per cylinder which allows the engine to breathe easier for increased acceleration and torque. The combination of this new engine with the renowned MerCruiser Bravo II-X drive in jack-shaft configurations provides excellent performance and maneuverability. The smaller package size fits a variety of applications, such as the Navy's seven meter RHIB for which it is the standard package. Tough enough for the Navy...tough enough for you!



ENGINE SPECIFICATIONS

Configuration:	In-line 6-cylinder, 4-stroke diesel
Bore & Stroke:	102 mm x 120 mm (4.02 in x 4.72 in)
Displacement:	5.9 L (359 in3)
Rotation:	Counterclockwise facing flywheel
Drive:	Bravo II-X with 1.50:1 ratio
Rating:	High Output
Metric HP:	230
BHP:	227
kW:	169
Rated RPM:	3000
Max Torque FT-LBS :	510
Max Torque N-m :	691
Peak Torque RPM :	1400

FEATURES AND BENEFITS

Fuel System:

Front mounted spin on Fleetguard fuel filter

Lubrication System:

Front mounted spin on Fleetguard lube filter

Electrical System:

12-volt and 24-volt systems available

Emissions:

EPA Tier 2 and IMO Compliant

Coolant System:

Sea water heat exchanger cooling system available with electronic low coolant water level alarm

AVAILABLE ACCESSORIES

Air Intake System: Light duty or serviceable type air cleaner

Breather System: Open or closed

Engine Controls: C-Cruise Package (engine synchronization, slow idle, cruise 1 and 2, RPM +/-), back-up throttles, electronic throttle

Instrumentation: SmartCraft® (digital displays, analog gauges)

Vessel System Integration: SmartCraft® (fluid level monitoring, vessel range, vessel speed, rudder angle)



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