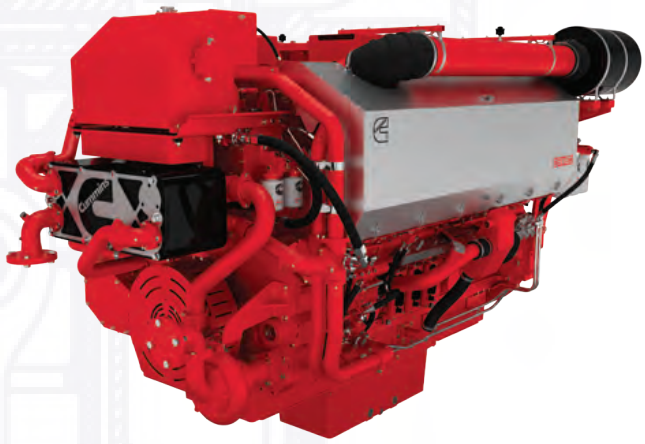
QSK60

Marine Propulsion and Auxiliary Engines for Commercial and Recreational Applications

General Specifications

Configuration	V-16 cylinder, 4-stroke diesel
Aspiration	Turbocharged / Aftercooled
Displacement	60.2 L
Bore & Stroke	159 X 190 mm
Rotation	Counterclockwise facing flywheel
Fuel System	Modular Common Rail



Product Dimensions and Weight

Overall Length	mm	3289.7
Length of Block	mm	2050.9
Overall Width	mm	1756.5
Overall Height	mm	2415.3
Weight	kg	8754

Dimensions and weight may vary based on selected engine configuration.

Power Ratings

Engine Model	Output Power kW	MHP	BHP	Engine Speed RPM	Rating Definition	Fuel Consumption Rated Speed L/hr (gal/hr)	ISO* L/hr (gal/hr)	Emissions IMO	EPA	EU	RCD
Variable Speed											
QSK60-M	1491	2028	2000	1600	Continuous	361.2 (95.4)	255.6 (67.5)	2	–	3a	–
QSK60-M	1491	2028	2000	1600	Continuous	371.2 (98.1)	266.2 (70.3)	2	–	–	–
QSK60-M	1491	2028	2000	1800	Continuous	376.8 (99.5)	257.5 (68.0)	2	–	3a	–
QSK60-M	1641	2231	2200	1800	Continuous	404.4 (106.8)	280.8 (74.2)	2	–	3a	–
QSK60-M	1641	2231	2200	1800	Continuous	428.7 (113.3)	293.5 (77.5)	2	–	–	–
QSK60-M	1715	2332	2300	1900	Heavy Duty	434.4 (114.8)	296.3 (78.3)	2	–	3a	–
QSK60-M	1864	2535	2500	1900	Medium Continuous	462.2 (122.1)	322.6 (85.2)	2	–	3a	–
QSK60-M	1864**	2535	2500	1800	Medium Continuous	463.2 (122.4)	314.6 (83.1)	2	–	–	–
QSK60-M	1998	2718	2680	1900	Intermittent	521.9 (137.9)	358.9 (94.8)	2	–	–	–
QSK60-M	2001**	2721	2683	1800	Diesel Electric	N/A	N/A	2	–	–	–
QSK60-M	2013**	2738	2700	1800	Medium Continuous	502.3 (132.7)	339.2 (89.6)	2	–	–	–
QSK60-M	2013	2738	2700	1900	Medium Continuous	511.4 (135.1)	348.1 (92.0)	2	–	–	–
Fixed Speed											
QSK60-DM	1563	2124	2095	1500 (50 Hz)	Prime Power	378.1 (99.9)	192.1 (50.7)	2	–	3a	–
QSK60-DM	1900**	2583	2547	1500 (50 Hz)	Prime Power	N/A	N/A	2	–	–	–
QSK60-DM	1900**	2583	2547	1800 (60 Hz)	Prime Power	486.3 (128.5)	239.8 (63.4)	2	–	–	–
QSK60-DM	2001**	2721	2683	1800 (60 Hz)	Prime Power	N/A	N/A	2	–	–	–

* Average fuel consumption based on ISO 8178 E3 Standard Test Cycle (variable speed models) and ISO 8178 D2 Standard Test Cycle (fixed speed models)

** Contact your local Cummins distributor to discuss product details and availability

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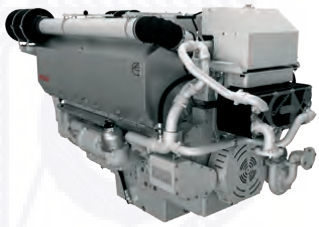

Features and Benefits

Engine Design – Robust engine block designed for continuous duty operation and long life. Metric O-ring seals and edge molded gaskets eliminate fluid leaks. Ductile single-piece iron piston design with hardened liners and nitride coated rings for exceptional durability

Fuel System – Modular Common Rail Fuel System provides constant high injection pressure regardless of engine speed or load condition. Benefits include low noise and vibration for quiet operation, idle stability and improved low-end torque

Cooling System – Low temperature aftercooling. Engine-mounted titanium plate heat exchanger provides superior durability with minimal maintenance requirements

Exhaust System – Dry exhaust manifold with water shielding for reduced fuel consumption and improved performance

Air System – Cummins turbochargers optimized for marine applications. Two pump, two loop, low temperature aftercooling for efficient operation and optimization of performance

Lubrication System – Standard capacity 261 L or high capacity 378 L marine grade oil pan. Pre-lube starter protects engine from damage due to dry starts

Electronics – 24VQuantum System electronics feature a proven ECM to monitor operating parameters, while providing diagnostics, prognostics and complete engine protection. Simplified electrical customer interface box for all vessel connections to reduce installation complexity

Certifications – Complies with IMO Tier II and EU Stage IIIa emissions regulations. Designed to meet the International Association of Classification Societies (IACS) and SOLAS requirements.

Optional Equipment

- Front power take-off adapter
- Touch screen color remote control panel
- Digital display
- C Command panels
- ELIMINATOR™ oil filtration system
- SAE B accessory drive
- Fully integrated type approved alarm and safety system
- CENTINEL oil management system
- Pre-lube with QuickEvac

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