



QSK60 HPI

Marine Propulsion & Auxiliary Engines

Specifications

Configuration	V-16 cylinder, 4 stroke diesel
Bore & Stroke	159 mm X 190 mm (6.25 in X 7.48 in)
Displacement	60.2 L (3672 in ³)
Rotation	Counterclockwise facing flywheel
Aspiration	Turbocharged/Aftercooled
Emissions	IMO Tier I



Dimensions

Length	3357 mm	132 in
Width	1760 mm	69 in
Height	2409 mm	95 in
Weight	8754 kg	19300 lb

Dimensions and weight may vary based on selected engine configuration

Ratings

Engine Model	Output Power		Engine Speed RPM	Rating Definition	Fuel Consumption	
	kW	HP			Rated Speed L/hr (gal/hr)	ISO* L/hr (gal/hr)
Variable Speed						
QSK60-M HPI	1491	2000	1600	Continuous	363.9 (96.1)	252.0 (66.6)
QSK60-M HPI	1491	2000	1800	Continuous	363.4 (96.0)	256.4 (67.7)
QSK60-M HPI	1641	2200	1800	Continuous	402.9 (106.4)	278.6 (73.6)
QSK60-M HPI	1715	2300	1900	Heavy Duty	425.1 (112.3)	294.1 (77.7)
QSK60-M HPI	1864	2500	1900	MCD	459.1 (121.3)	313.9 (82.9)
Fixed Speed						
QSK60-D(M) HPI	1563	2095	1500 (50 Hz)	Prime	372.3 (98.4)	185.8 (49.1)
QSK60-D(M) HPI	1900	2547	1800 (60 Hz)	Prime	461.4 (121.9)	237.7 (62.8)

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

The Right Technology. **Matters.**

QSK60 HPI

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 - Reliable Cummins HPI fuel system offers precise fuel injection for less smoke and responsive performance

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 [69 gal]) or large capacity (378 L [100 gal]) oil pan available allows for longer marine grade oil change intervals. Pre-lub starter protects engine from damage due to dry starts

Electronics - Quantum System electronics control engine performance by monitoring critical operating parameters. Benefits include complete engine protection, minimal smoke and optimized fuel consumption. Simplified electrical customer interface box for all vessel connections to reduce installation complexity

Certifications - Complies with IMO Tier I emissions regulations. Certificates of compliance are available from the U.S. EPA and Lloyd's Register of Shipping. Consult your local Cummins professional for a complete listing of current marine agency approvals for this engine

Optional Equipment

- Front power take-off adapter
- Touch screen color remote control panel
- Digital display
- CENTINEL™ oil management system
- ELIMINATOR™
- SAE B accessory drive
- Fully integrated type approved alarm and safety system



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