

QSK60

MARINE PROPULSION AND AUXILIARY ENGINES

COMMERCIAL AND RECREATIONAL APPLICATIONS

GENERAL SPECIFICATIONS

Configuration	V-16 cylinder, 4-stroke diesel
Aspiration	Turbocharged / Aftercooled
Displacement	60.2 L [3672 in ³]
Bore & Stroke	159 x 190 mm [6.25 x 7.48 in]
Rotation	Counterclockwise facing flywheel
Fuel System	Modular Common Rail System (MCRS)

PRODUCT DIMENSIONS AND WEIGHT

Overall Length	mm (in)	3290 (130)
Length of Block	mm (in)	2050.9 (80.75)
Overall Width	mm (in)	1757 (69)
Overall Height	mm (in)	2415 (95)
Weight	kg (lb)	8754 (19,300)

Compliant with strict regulations – IMO Tier II compliant
and meets IACS and SOLAS requirements.



POWER RATINGS

Engine Model	Output Power		Engine Speed RPM	Rating Definition	Fuel Consumption				Emissions		
	kW	BHP			Rated Speed L/hr (gal/hr)	ISO* L/hr (gal/hr)	IMO	EPA	EU		
Variable Speed											
QSK60-M	1491	2000	1600	Continuous	361.1	95.4	255.6	67.5	2	—	—
QSK60-M	1491	2000	1600	Continuous	371.2	98.1	266.2	70.3	2	3	—
QSK60-M	1491	2000	1800	Continuous	376.8	99.5	257.5	68.0	2	—	—
QSK60-M	1491	2000	1800	Continuous	428.7	133.3	293.5	77.5	2	3	—
QSK60-M	1641	2200	1800	Continuous	404.4	106.8	280.8	74.2	2	—	—
QSK60-M	1641	2200	1800	Continuous	428.7	113.3	293.5	77.5	2	—	—
QSK60-M	1715	2300	1900	Heavy Duty	434.4	114.7	296.3	78.3	2	—	—
QSK60-M	1864	2500	1800	Med. Continuous	463.2	122.4	314.6	83.1	2	—	—
QSK60-M	1864	2500	1900	Med. Continuous	462.2	122.1	322.6	85.2	2	—	—
QSK60-M	1864	2500	1900	Med. Continuous	491.4	129.8	333.7	88.2	2	3	—
QSK60-M	1998	2680	1900	Intermittent	521.9	137.9	358.9	94.8	2	3	—
QSK60-M	2013	2700	1800	Med. Continuous	502.3	132.7	339.2	89.6	2	—	—
QSK60-M	2013	2700	1900	Med. Continuous	506.9	133.9	352.6	93.2	2	—	—
Fixed Speed											
QSK60-DM	1563	2095	1500	Prime	378.1	99.9	192.1	50.7	2	—	—
QSK60-DM	1900	2547	1500	Prime	451.8	119.3	222.7	58.8	2	—	—
QSK60-DM	1900	2547	1800	Prime	486.3	128.5	239.8	63.4	2	—	—
QSK60-DM	1900	2547	1800	Prime	494.9	130.7	259.0	68.4	2	3	—
QSK60-DM	2001	2683	1800	Prime	480.3	126.9	244.2	64.5	2	—	—
QSK60-M	2001	2683	1800	Diesel Electric	480.3	126.9	244.2	64.5	2	—	—

*Average fuel consumption based on ISO 8178 E3 Standard Test Cycle (variable speed models) and ISO 8178 D2 Standard Cycle (fixed speed models). Consult your local Cummins professional for a complete listing of available class approvals.

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 – MCRS 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.

Lubrication System – Standard capacity (261 L [69 gal]) or high capacity (378 L [100 gal]) marine grade oil pan. Pre-lube starter protects engine from damage due to dry starts.

Electronics – User friendly 24v Quantum System electronics feature a proven ECM to monitor operating parameters, while providing diagnostics, prognostics and complete engine protection.

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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