

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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