

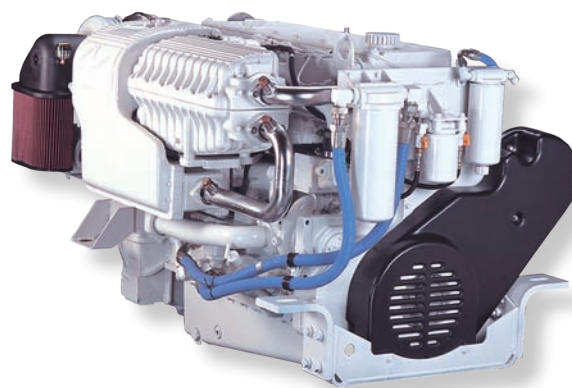


# QSM11

## Marine Propulsion and Auxiliary Engines for Recreational Applications

### General Specifications

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Configuration</b>     | In-line, 6-cylinder, 4-stroke diesel |
| <b>Aspiration</b>        | Turbocharged / Aftercooled           |
| <b>Displacement</b>      | 10.8 L (661 in <sup>3</sup> )        |
| <b>Bore &amp; Stroke</b> | 125 X 147 mm (4.92 X 5.79 in)        |
| <b>Rotation</b>          | Counterclockwise facing flywheel     |
| <b>Fuel System</b>       | Select                               |



### Product Dimensions and Weight

|                        |         |        |         |
|------------------------|---------|--------|---------|
| <b>Overall Length</b>  | mm (in) | 1495.2 | (58.87) |
| <b>Length of Block</b> | mm (in) | 945.9  | (37.24) |
| <b>Overall Width</b>   | mm (in) | 1253.7 | (49.36) |
| <b>Overall Height</b>  | mm (in) | 1142.8 | (44.99) |
| <b>Weight</b>          | kg (lb) | 1188   | (2620)  |

Dimensions and weight may vary based on selected engine configuration.

### Power Ratings

| Engine Model          | Output Power |     |     | Engine Speed RPM | Rating Definition | Fuel Consumption          |                    | Emissions |     |    |     |
|-----------------------|--------------|-----|-----|------------------|-------------------|---------------------------|--------------------|-----------|-----|----|-----|
|                       | kW           | MHP | BHP |                  |                   | Rated Speed L/hr (gal/hr) | ISO* L/hr (gal/hr) | IMO       | EPA | EU | RCD |
| <b>Variable Speed</b> |              |     |     |                  |                   |                           |                    |           |     |    |     |
| QSM11                 | 220          | 300 | 295 | 1800             | High Output       | 55.2 (14.6)               | 39.4 (10.4)        | 2         | —   | 3a | —   |
| QSM11                 | 261          | 355 | 350 | 1800             | High Output       | 65.3 (17.2)               | 45.8 (12.1)        | 2         | —   | 3a | —   |
| QSM11                 | 298          | 405 | 400 | 2100             | High Output       | 75.4 (19.9)               | 52.5 (13.9)        | 2         | —   | 3a | —   |
| QSM11                 | 336          | 455 | 450 | 2100             | High Output       | 87.6 (23.1)               | 59.3 (15.7)        | 2         | —   | 3a | —   |
| QSM11                 | 449          | 610 | 602 | 2300             | High Output       | 112.5 (29.7)              | 75.8 (20.0)        | 2         | 3   | 3a | —   |
| QSM11                 | 493          | 670 | 661 | 2300             | High Output       | 127.9 (33.8)              | 83.9 (22.2)        | 2         | 3   | 3a | —   |
| QSM11                 | 526          | 715 | 705 | 2500             | High Output       | 142.7 (37.7)              | 92.6 (24.5)        | 2         | 3   | 3a | —   |
| <b>Fixed Speed</b>    |              |     |     |                  |                   |                           |                    |           |     |    |     |
| QSM11-DM              | 265          | 360 | 355 | 1500 (50 Hz)     | Prime Power       | 65.0 (17.2)               | 32.1 (8.5)         | 2         | —   | —  | —   |
| QSM11-DM              | 265          | 360 | 355 | 1800 (60 Hz)     | Prime Power       | 65.4 (17.3)               | 33.7 (8.9)         | 2         | —   | —  | —   |
| QSM11-DM              | 265          | 360 | 355 | 1800 (60 Hz)     | Prime Power       | 68.2 (18.0)               | 35.3 (9.3)         | —         | 3   | —  | —   |
| QSM11-DM              | 317          | 431 | 425 | 1800 (60 Hz)     | Prime Power       | 78.6 (20.8)               | 39.2 (10.4)        | 2         | —   | —  | —   |
| QSM11-DM              | 317          | 431 | 425 | 1800 (60 Hz)     | Prime Power       | 82.9 (21.9)               | 41.6 (11.0)        | —         | 3   | —  | —   |

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

# QSM11

## Marine Propulsion and Auxiliary Engines for Recreational Applications

### Features and Benefits

**Engine Design** – Robust engine block designed for continuous duty operation and long life. Single cylinder head with four valves per cylinder enhances performance

**Fuel System** – Cummins Celect, a full authority electronic unit injection fuel system optimizes combustion for increased engine performance and fuel efficient operation

**Lubrication System** – Cast aluminum oil pan designed to resist corrosion, spin-on Fleetguard oil filters

**Cooling System** – Low profile, heat exchanger configuration with standard closed crankcase ventilation system

**Air System** – Cummins Turbo Technologies turbocharger optimized for marine applications. Marine grade air filter. Large capacity sea water aftercooler

**Exhaust System** – Fixed speed ratings and select variable speed ratings SOLAS compliant utilizing a wet exhaust manifold to reduce surface temperature, maximize fuel economy and improve performance

**Electrical System** – 12v and 24v systems available, marine grade wiring harness and instrument panels

**Electronics** – Quantum System electronics control engine performance by monitoring critical operating parameters. Benefits include complete engine protection, minimal smoke and optimized fuel consumption

**Certifications** – Consult your local Cummins professional for a complete listing of current marine agency approvals for this engine

### Optional Equipment

- Engine Controls: Digital Throttle and Shift (DTS) or Electronic Throttle and Shift (ETS) and optional potentiometer for mechanical controls
- Instrumentation: SmartCraft® digital displays (propulsion engine only) and/or C Command analog gauges provide data on engine speed, oil pressure, engine load and more
- Vessel System Integration: SmartCraft® monitors fluid level, vessel range, depth, vessel speed, rudder position, temperatures and more on propulsion engine only
- Accessory Drive Pulley: Belt or gear driven
- Hydraulic Pump Drive: SAE A or SAE B flange, wet and dry exhaust connections



Cummins Inc.  
4500 Leeds Avenue – Suite 301  
Charleston, SC 29405-8539  
U.S.A.

Internet: [marine.cummins.com](http://marine.cummins.com)

Bulletin 4087255 Rev. 1/18  
©2018 Cummins Inc.