



# QSM11-DM

Marine Auxiliary Engines

IMO Tier II and EPA Tier 2 certified

## Specifications

<b>Configuration</b>	In-line 6 cylinder, 4 stroke diesel
<b>Bore &amp; Stroke</b>	125 mm X 147 mm (4.92 in X 5.79 in)
<b>Displacement</b>	10.8 L (661 in <sup>3</sup> )
<b>Rotation</b>	Counterclockwise facing flywheel
<b>Aspiration</b>	Turbocharged/Aftercooled
<b>Emissions</b>	IMO Tier II and EPA Tier 2

## Dimensions

<b>Length</b>	1475 mm	58 in
<b>Width</b>	1081 mm	43 in
<b>Height</b>	1039 mm	41 in
<b>Weight</b>	1118 kg	2464 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)
<b>Fixed Speed</b>						
QSM11-DM	265	355	1500 (50 Hz)	Prime	65.0 (17.2)	32.1 (8.5)
QSM11-DM	265	355	1800 (60 Hz)	Prime	65.4 (17.3)	33.7 (8.9)
QSM11-DM	317	425	1800 (60 Hz)	Prime	78.6 (20.8)	39.2 (10.4)

\* 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.**

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## 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. Meets SOLAS requirements for surface temperatures

**Exhaust System** - SOLAS compliant, wet exhaust manifold maximizes fuel economy and improves performance

**Cooling System** - Single loop design eliminates the need for two keel coolers for reduced installation expense. Low profile heat exchanger system engineered for simplicity; utilizes o-ring seals and piping to eliminate hose clamps for leak-free operation

**Air System** - Water cooled turbocharger optimized for marine applications. Low temperature aftercooling for optimal performance and durability. Seawater aftercooling utilized for optimization of performance on heat exchanger configurations

**Fuel System** - Reliable Cummins CELECT fuel system offers precise fuel injection for less smoke and responsive performance

**Lubrication System** - Standard capacity 34 L (8 gal) marine grade oil pan. Spin-on Cummins filters available handed or remote mounted for installation flexibility

**Electronics** - Quantum System electronics control

engine performance by monitoring critical operating parameters. Benefits include complete engine protection, minimal smoke and optimized fuel consumption

**Certifications** - Complies with IMO Tier II and EPA Tier 2 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

- Digital engine display

