## QMS9M60 SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency</strong></td>
<td>60 Hz</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>120 V</td>
</tr>
<tr>
<td><strong>Amperes</strong></td>
<td>66.7 A cont. 75.8 A max.</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>8 kW cont. 9.1 kW max.</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>IP23</td>
</tr>
<tr>
<td><strong>Insulation</strong></td>
<td>Class H</td>
</tr>
<tr>
<td><strong>Voltage accuracy</strong></td>
<td>± 1.5%</td>
</tr>
<tr>
<td><strong>Radio interference</strong></td>
<td>Deleted</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>without sound shield: 840 mm [33.1 in]</td>
</tr>
<tr>
<td></td>
<td>with sound shield: 950 mm [37.4 in]</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>without sound shield: 489 mm [19.3 in]</td>
</tr>
<tr>
<td></td>
<td>with sound shield: 540 mm [21.3 in]</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>without sound shield: 620 mm [24.4 in]</td>
</tr>
<tr>
<td></td>
<td>with sound shield: 710 mm [27.9 in]</td>
</tr>
<tr>
<td><strong>Dry weight</strong></td>
<td>without sound shield: 224 kg [493.8 lbs]</td>
</tr>
<tr>
<td></td>
<td>with sound shield: 271 kg [597.5 lbs]</td>
</tr>
</tbody>
</table>

**Engine base**: Kubota

- **Cooling system**: Seawater pump with rubber impeller
- **Closed cooling**: Heat exchanger
- **Cylinders**: 3 in line
- **Start (cold temperature)**: Super Glow System
- **Exhaust connexion**: 50 mm [2 in]
- **Fuel consumption at full load**: 2.8 l/h [0.74 gal US/h]
- **Sea water pump connexion**: 25 mm [1 in]
- **Fuel pump - Max suction height**: std pump: 0.5 m [19.7 in], with add. pump: 1.8 m [70.9 in]
- **Engine operating angle**: 15° cont. 30° max.
- **Fuel connexion**: 8 mm [0.3 in]
QMS9M60
9.1 kW max. at 1800 rpm

TECHNICAL DESCRIPTION

ENGINE BASE
- 4 strokes Diesel engine tested in all marine or industrial applications throughout the world.
- Engine block in cast iron type tunnel and timing gear.

INJECTION AND COMBUSTION SYSTEM
- The Super Glow System comes as standard equipment to start the engine in cold temperatures.
- The E-TVCS injection system produces an ideal air/fuel mixture by creating three vortexes in the combustion chamber. The combustion efficiency is improved, resulting in low fuel consumption.

COOLING SYSTEM
- Cooling is ensured by heat exchange between coolant and seawater in an heat exchanger, or via a Keel Cooling system.
- Seawater pump with rubber impeller.

GENERATOR
- Delivering a continuous power of 8 kW and able to provide up to 9.1 kW
- IP23 protection

STANDARD EQUIPMENT
- Extension delivered by meter
- Closed cooling with heat exchanger
- Wet exhaust
- 12V Single-pole electrical system
- Safety shutdowns on low oil pressure and high coolant temperature
- Eco GE panel
- Rubber mounts
- Oil drain pump mounted on the engine
- Optional equipment
  - Seawater hoses
  - Seawater filter
  - Siphon breaker
  - Fuel feed system piping
  - Exhaust system
  - Fuel prefilter
  - Keel Cooling
  - Vertical dry exhaust
  - 12V Double-pole electrical system
  - Luxe GE panel (instead of Eco GE panel)
  - Additional electric fuel feed pump

1 Optional in version with sound enclosure
2 Not available in version with sound enclosure

INSTRUMENT PANEL

ECO GE
- Start and stop buttons
- Low oil pressure warning light
- Coolant temperature warning light
- Preheat warning light
- Battery charge warning light
- Oil pressure indicator *
- Coolant temperature indicator *

LUXE GE
- Start and stop buttons
- Low oil pressure warning light
- Coolant temperature warning light
- Preheat warning light
- Battery charge warning light
- Oil pressure indicator *
- Coolant temperature indicator *

* Only with Luxe GE

OPTIONAL EQUIPMENT
- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling
- Vertical dry exhaust
- 12V Double-pole electrical system
- Luxe GE panel (instead of Eco GE panel)
- Additional electric fuel feed pump

1 Optional in version with sound enclosure
2 Not available in version with sound enclosure

SECRET \[43x742\]

MAIN COMPONENTS

SOUND ENCLOSURE (OPTIONAL)

1. Oil drain pump **
2. Fuel feed pump
3. Fuel filter
4. Expansion tank
5. Seawater pump

6. Oil filter
7. Oil filter port
8. Exhaust elbow

** Optional in version with sound enclosure (supplied loose)

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