# QMS25T60 Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency</strong></td>
<td>60 Hz</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>208 [240] V</td>
</tr>
<tr>
<td><strong>Amperes</strong></td>
<td>46.7 [40.5] A cont. 56.2 [48.7] A max.</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>16.8 [16.8] kW cont. 20.2 [20.2] 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 : 1014 mm [39.9 in]</td>
</tr>
<tr>
<td></td>
<td>with sound shield : 1130 mm [44.5 in]</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>without sound shield : 548 mm [21.6 in]</td>
</tr>
<tr>
<td></td>
<td>with sound shield : 600 mm [23.6 in]</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>without sound shield : 691 mm [27.2 in]</td>
</tr>
<tr>
<td></td>
<td>with sound shield : 700 mm [27.6 in]</td>
</tr>
<tr>
<td><strong>Dry weight</strong></td>
<td>without sound shield : 328 kg [723.1 lbs]</td>
</tr>
<tr>
<td></td>
<td>with sound shield : 378 kg [833.4 lbs]</td>
</tr>
<tr>
<td><strong>Engine base</strong></td>
<td>Kubota</td>
</tr>
<tr>
<td><strong>Cooling system</strong></td>
<td>Seawater pump with rubber impeller</td>
</tr>
<tr>
<td><strong>Closed cooling</strong></td>
<td>Heat exchanger</td>
</tr>
<tr>
<td><strong>Cylinders</strong></td>
<td>4 in line</td>
</tr>
<tr>
<td><strong>Start (cold temperature)</strong></td>
<td>Super Glow System</td>
</tr>
<tr>
<td><strong>Exhaust connexion</strong></td>
<td>50 mm [2 in]</td>
</tr>
<tr>
<td><strong>Fuel consumption at full load</strong></td>
<td>4.8 l/h [1.27 gal US/h]</td>
</tr>
<tr>
<td><strong>Sea water pump connexion</strong></td>
<td>25 mm [1 in]</td>
</tr>
<tr>
<td><strong>Fuel pump - Max suction height</strong></td>
<td>std pump : 0.5 m [19.7 in]</td>
</tr>
<tr>
<td></td>
<td>with add. pump : 1.8 m [70.9 in]</td>
</tr>
<tr>
<td><strong>Engine operating angle</strong></td>
<td>15° cont. 30° max.</td>
</tr>
<tr>
<td><strong>Fuel connexion</strong></td>
<td>8 mm [0.3 in]</td>
</tr>
</tbody>
</table>
QMS25T60
16.7 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 vortices 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 16.8 kW and able to provide up to 20.2 kW (same power for 208 and 240V)
- 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
- Only with Luxe GE

INSTRUMENT PANEL

MAIN COMPONENTS

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
9. Optional in version with sound enclosure (supplied loose)

SOUND ENCLOSURE (OPTIONAL)

1. Start & Stop buttons
2. Warning displays
3. Hourmeter
4. Emergency stop
5. Circuit breaker
6. Exhaust outlet
7. Fuel connection
8. Power cable connection
9. Battery connection +
10. Battery connection -
11. Dashboard connection
12. Seawater connection

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