### QLS10T SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency</strong></td>
<td>50 Hz</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>400 V</td>
</tr>
<tr>
<td><strong>Amperes</strong></td>
<td>12.6 A cont. 14.3 A max.</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>7.0 kW cont. 7.9 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>959 mm [36.8 in]</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>489 mm [19.3 in]</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>624 mm [24.6 in]</td>
</tr>
<tr>
<td><strong>Dry weight</strong></td>
<td>251 kg [553.4 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>3 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>2.3 l/h [0.61 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] 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>
<tr>
<td><strong>Class approval</strong></td>
<td>Bureau Veritas</td>
</tr>
</tbody>
</table>
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 7.0 kW and able to provide up to 7.9 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

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

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

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