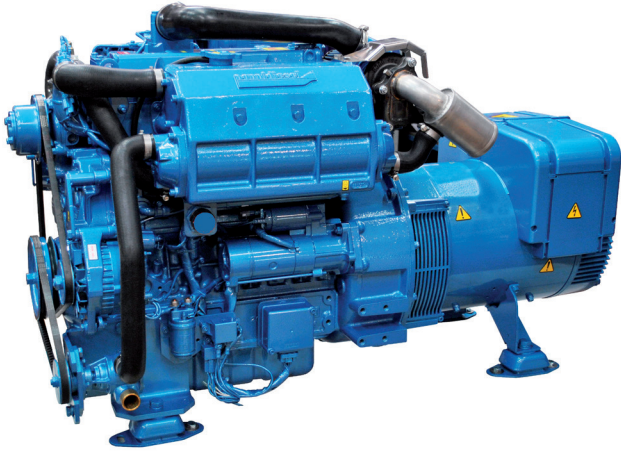


# QMS46T

## SPECIFICATIONS



|                               |                               |
|-------------------------------|-------------------------------|
| Frequency                     | 50 Hz                         |
| Voltage                       | 400 V                         |
| Amperes                       | 48 A cont.<br>53 A max.       |
| Power                         | 34.4 kW cont.<br>37.8 kW max. |
| Protection                    | IP23                          |
| Insulation                    | Class H                       |
| Voltage accuracy              | ± 5%                          |
| Electromagnetic compatibility | EMC 2014/30/EU                |
| Length                        | 1590 mm [62.6 in]             |
| Width                         | 700 mm [27.6 in]              |
| Height                        | 900 mm [35.4 in]              |
| Dry weight                    | 670 kg [1477.1 lbs]           |

|                                |  |
|--------------------------------|--|
| Engine base                    | Kubota   |
| Cooling system                 | Seawater pump with rubber impeller                             |
| Closed cooling                 | Heat exchanger   |
| Cylinders                      | 4 in line  |
| Start (cold temperature)       | Super Glow System  |
| Exhaust connexion              | 80 mm [3.15 in]  |
| Fuel consumption at full load  | 6.9 l/h [1.82 gal US/h]  |
| Sea water pump connexion       | 32 mm [1.25 in]  |
| Fuel pump - Max suction height | std pump : 0.5 m [19.7 in]<br>with add. pump : 1.8 m [70.9 in] |
| Engine operating angle         | 15° cont.<br>30° max.  |
| Fuel connexion                 | 8 mm [0.3 in]  |
| Class approval                 | Bureau Veritas   |

# QMS46T

37.8 kW max. at 1500 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-CDIS 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 34.4 kW and able to provide up to 37.8 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
- Luce GE panel <sup>1</sup>
- Rubber mounts
- Oil drain pump mounted on the engine <sup>1</sup>

### OPTIONAL EQUIPMENT

- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling <sup>2</sup>
- Vertical dry exhaust <sup>2</sup>
- 12V Double-pole electrical system <sup>2</sup>
- Additional electric fuel feed pump

<sup>1</sup> Optional in version with sound enclosure

<sup>2</sup> Not available in version with sound enclosure

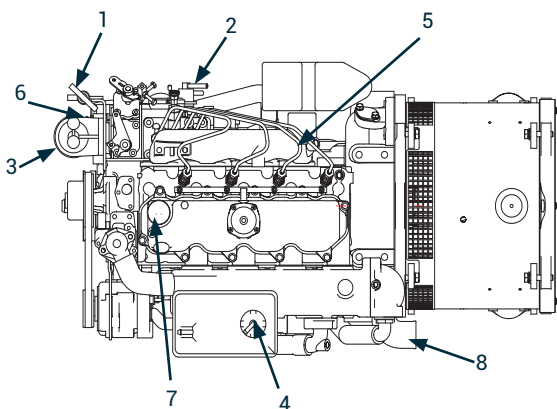
## INSTRUMENT PANEL

### 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

## MAIN COMPONENTS

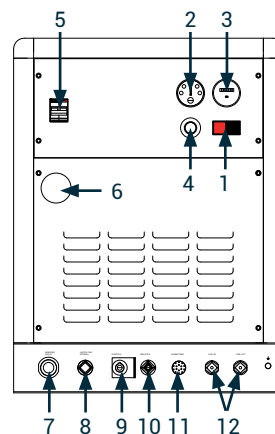


1. Oil drain pump\*\*
2. Fuel feed pump
3. Fuel filter
4. Expansion tank
5. Seawater pump

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

\*\* 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. Seawater connection
8. Power cable connection
9. Battery connection +
10. Battery connection -
11. Dashboard connection
12. Fuel connection

*Illustrations & pictures are non-contractual.*

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