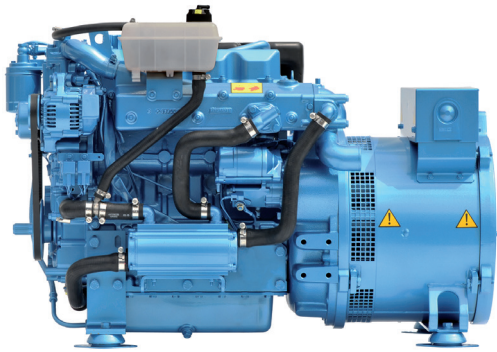


QMS16M

SPECIFICATIONS



| | |
|--------------------|---|
| Frequency | 50 Hz |
| Voltage | 230 V |
| Amperes | 60.4 A cont. 70.4 A max. |
| Power | 13.9 kW cont. 16.2 kW max. |
| Protection | IP23 |
| Insulation | Class H |
| Voltage accuracy | ± 1.5% |
| Radio interference | Deleted |
| Lenght | without sound shield : 1014 mm [39.9 in] with sound shield : 1130 mm [44.5 in] |
| Width | without sound shield : 548 mm [21.6 in] with sound shield : 600 mm [23.6 in] |
| Height | without sound shield : 691 mm [27.2 in] with sound shield : 700 mm [27.6 in] |
| Dry weight | without sound shield : 328 kg [723.1 lbs] with sound shield : 378 kg [833.4 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 | 50 mm [2 in] |
| Fuel consumption at full load | 4.8 l/h [1.27 gal US/h] |
| Sea water pump connexion | 32 mm [1.3 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] |

QMS16M

16.2 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-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 13.9 kW and able to provide up to 16.2 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 ¹
- Rubber mounts
- Oil drain pump mounted on the engine ¹

OPTIONAL EQUIPMENT

- Seawater hoses
- Seawater filter
- Siphon breaker
- Fuel feed system piping
- Exhaust system
- Fuel prefilter
- Keel Cooling ²
- Vertical dry exhaust ²
- 12V Double-pole electrical system ²
- 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



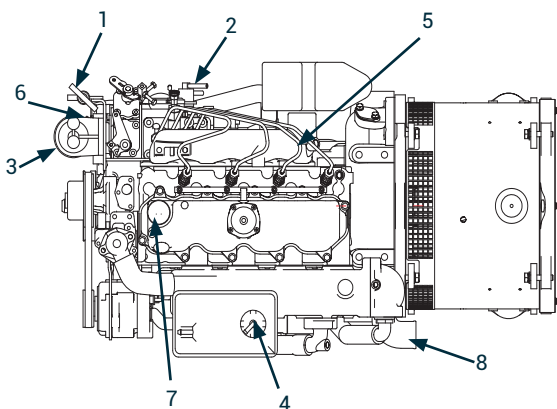
LUXE GE



- 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

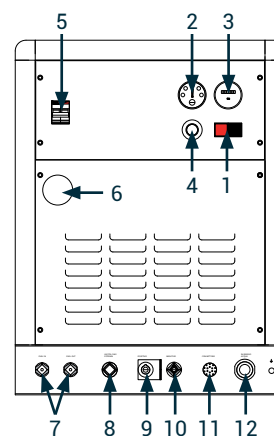


1. Oil drain pump**
2. Fuel feed pump
3. Fuel filter
4. Expansion tank
5. Seawater pump

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

** 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

1DLLHVH0VWUDOLD

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