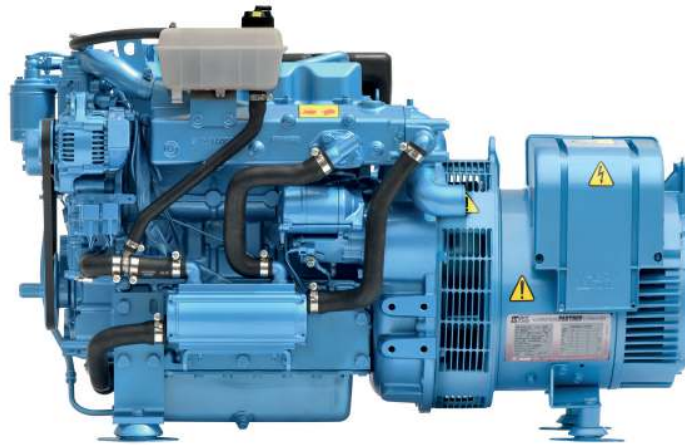


QLS27T60

SPECIFICATIONS



| | | | |
|--------------------|-----------------------------------|--------------------------------|--|
| Frequency | 60 Hz | Engine base | Kubota |
| Voltage | 120-240 V | Cooling system | Seawater pump with rubber impeller |
| Amperes | 103.2 A (120 V) 51.6 A (240 V) | Closed cooling | Heat exchanger |
| Prime power | 21.4 kW | Cylinders | 4 in line |
| Protection | IP23 | Start (cold temperature) | Super Glow System |
| Insulation | Class H | Exhaust connexion | 50 mm [2 in] |
| Voltage accuracy | ± 0.5% | Fuel consumption at full load | 4.8 l/h [1.27 gal US/h] |
| Radio interference | Deleted | Sea water pump connexion | 25 mm [1 in] |
| Lenght | 1183 mm [46.6 in] | Fuel pump - Max suction height | std pump : 0.5 m [19.7 in] with add. pump : 1.8 m [70.9 in] |
| Width | 548 mm [24.6 in] | Engine operating angle | 15° cont. 30° max. |
| Height | 692 mm [27.2 in] | Fuel connexion | 8 mm [0.3 in] |
| Dry weight | 360 kg [793.7 lbs] | Class approval | Bureau Veritas |

QLS27T60

21.4 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 15.1 kW and able to provide up to 17.7 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



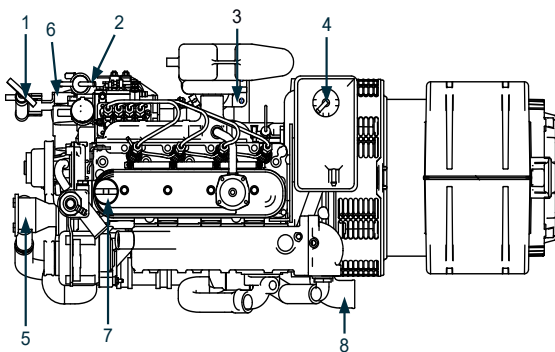
LUXE GE



- 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 | 5. Seawater pump |
| 2. Fuel feed pump | 6. Oil filter |
| 3. Fuel filter | 7. Oil filter port |
| 4. Expansion tank | 8. Exhaust elbow |

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