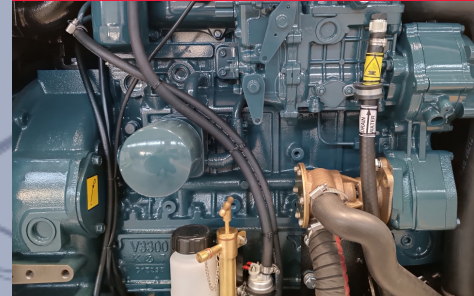


mariner 3305 KTS - 3706 KTS



CONTROL PANEL



KUBOTA ENGINE



INPUT/OUTPUT FUEL PIPE

the engine is cooled by a coolant loop in a closed circuit. The system consists of a heat exchanger, inside which the heat exchange between coolant and sea water takes place. Two separate pumps provide for the circulation of coolant and seawater. Air flows ensure effective cooling of the alternator. The excellent accessibility makes maintenance operations easier, even with the generator installed in confined environments.



COMPACT DESIGN



EASY INSTALLATION



SUPER SILENCED

We reserve the right to modify the data, images and drawings in this document without prior notice.

For more detailed information, please contact your local distributor or Mase Generators S.p.A.



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mase
GENERATORS
Believing in change.

CONTROL PANEL

_ CBU EVO IL4 device controls and drives the genset. The large display and control pushbuttons allow easy use and monitoring:

- Manual start
- Voltage Vac
- Frequency Hz
- Hour meter
- Genset battery voltage
- Oil low pressure alarm
- Engine preheating
- Engine high temperature alarm
- Alternator battery charger failure alarm
- Protection alarm for frequency and rpm
- Alarm history
- Maintenance warnings
- General alarm outlet
- RUN outlet
- Ready outlet
- Programmable AUX outlet

_ Emergency stop button

_ Magneto-thermal protection

ENGINE

_ Easy maintenance access to the feeding and lubrication systems, the sea water pump and the air filter

_ Double vibration dumping system

_ Oil drain pump

SOUNDPROOF CABIN

_ Made of extremely light marine aluminum with very high resistance to external agents

CE Three-phase output power 33.5 kVA 50 Hz - 37.5 kVA 60 Hz

| | 50 Hz | 60 Hz |
|-----------------------|--------------------------------|----------|
| AC alternator - | Synchronous, 4 poles, with AVR | |
| Cooling - | Air | |
| Voltage - | 400 V | 480 V |
| Frequency - | 50 Hz | 60 Hz |
| Amps - | 48.4 A | 45.2 A |
| Max power - | 33.5 kVA | 37.5 kVA |
| Continuous power - | 30 kVA | 34 kVA |
| Power Factor - | cos ϕ 0.8 | |
| Insulating class - | H | |
| Voltage stability - | $\pm 2\%$ | |
| Frequency stability - | $\pm 5\%$ | |

The power is referred to an atmospheric pressure of 100 kPa, a humidity percentage of 30% and an ambient temperature of 25°C.

| | | |
|--|---|-----------------------------------|
| Model - | Kubota V3300 | |
| Type - | Diesel | |
| Cylinders - | nr 4 | |
| Cylinder block material - | Cast iron | |
| Bore - | 98 mm - 3.86 in | |
| Stroke - | 110 mm - 4.33 in | |
| Displacement - | 3318 cc - 202.48 CID | |
| Power - | 38.8 hp - 28.54 kWm (at 1500 RPM) | 45.1 hp - 33.17 kWm (at 1800 RPM) |
| RPM - | 1500 | 1800 |
| Compression ratio - | 22.6:1 | |
| Combustion system - | Indirect injection | |
| Engine head material - | Cast iron | |
| Speed governor - | Mechanical | |
| Lubrication system - | Forced | |
| Oil sump capacity with filter - | 12.1 l - 3.41 gal | |
| Engine stop system - | Electromagnet | |
| Fuel pump - | Electric | |
| Max. fuel pump head - | 700 mm - 27.5 in | |
| Fuel consumption - | 13 l/h - 3.43 gal/h | 14 l/h - 3.70 gal/h |
| Air intake - | | |
| Starting battery - | 100 Ah - 12 V | |
| Battery charger - | 40 Ah - 12 V | |
| Starter motor - | 2.5 kW - 12 V | |
| Max. inclination - | 25° | |
| Water pump flow - | 35 l/min - 9.24 gal/min | 40 l/min - 10.56 gal/min |
| Sea water inlet pipe \varnothing - | 30 mm - 1.25" | |
| Exhaust pipe \varnothing - | 76 mm - 3" | |
| Input/Output fuel pipe \varnothing - | 8 mm - 5/16" | |
| Dimensions (L x W x H) - | 1310 x 640 x 830 mm - 51.6 x 25.2 x 32.7 in (with soundproof box) | |
| Weight - | 630 Kg - 1389 lb (with soundproof box) | |
| Noise Level - | 54 dBA at 7 mt (23 ft) | 56 dBA at 7 mt (23 ft) |

Accessory

Code

ACCESSORIES ON REQUEST

| | |
|---|--------|
| • Filtering kit: sea water inlet, water filter, valves, fittings D.32 - ref.4 | 030906 |
| • Siphon break kit D.32 - ref.3 | 030907 |
| • Vetus muffler | 70856 |
| • Vetus MP75 silencer | 71121 |
| • Centek 3" muffler - ref.5 | 71282 |
| • Centek 3" water/gas separator - ref.6 | 71283 |
| • Remote START/STOP panel with 20m cable for Comap IL4 - ref.1 | 037561 |
| • Comap IL4 remote start panel with 20m cable - ref.2 | 039607 |
| • Cruise Kit | 913811 |



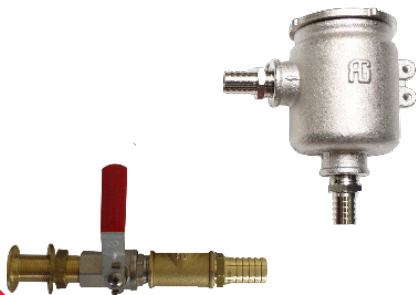
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