GS 33.05 KTS - GS 37.06 KTS

SUPER SILENCED
Soundproof box

Easy installation

Compact

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.

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GS 33.05 - 37.06 KTS STANDARD EQUIPMENT

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 lubrification 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

GS 33.05 - 37.06 KTS TECHNICAL DATA

	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 ø 0.8	
Insulating class	H	
Voltage stability	±2%	
Frequency stability	±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	
Cylinder block material	nr 4	
Cylinders	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	
Engine head material	Indirect injection	
Combustion system	Cast iron	
Speed governor	Mechanical	
Lubrication system	Forced	
Oil sump capacity with filter	12.1 l - 3.41 gl	
Engine stop system	Electromagnet	
Fuel pump	Electric	
Max. fuel pump head	700 mm - 27.5 in	
Fuel consumption	13 l/h - 3.43 gl/h	14 l/h - 3.70 gl/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 gl/min	40 l/min - 10.56 gl/min
Sea water inlet pipe Ø	30 mm - 1.25"	
Exhaust pipe Ø	76 mm - 3"	
Input/Output fuel pipe Ø	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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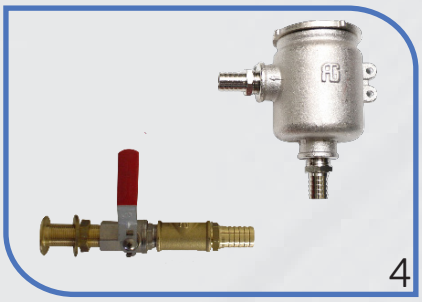
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