GS 36.0 T - GS 42 T

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.

Via Stazione 5 - 27030
Villanova d'Ardenghi (PV) - Italy
Phone:+39-0382-5091
commerciale@genset.it
www.genset.it

Last update date 13/09/24

GS 36.0 T - 42 T 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

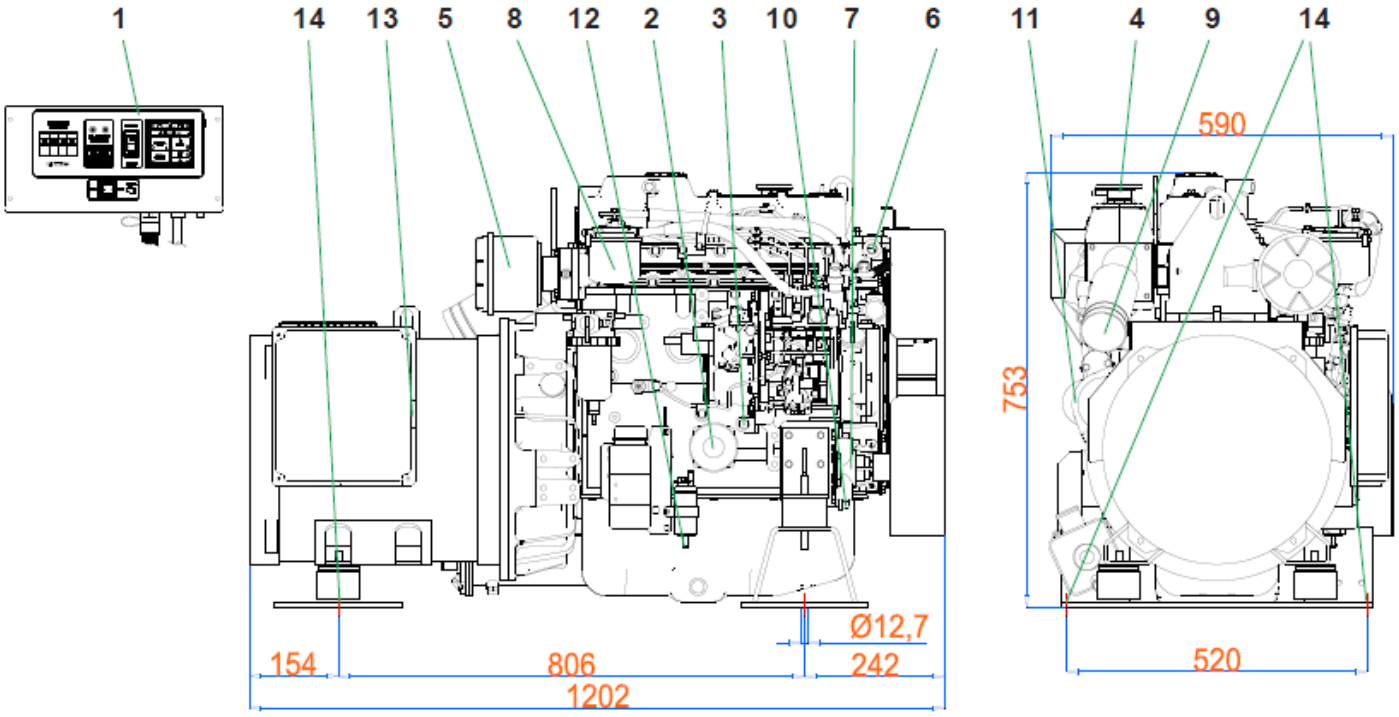
_ Emergency stop button
_ Magneto-thermal protection

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



1. Control panel
2. Engine oil filter cartridge
3. Oil dipstick
4. Engine oil cap
5. Air filter
6. Closed circuit water pump
7. Seawater pump
8. Fuel filter
9. Seawater exhaust connection (ø 50mm)
10. Seawater inlet (ø 16mm)
11. Battery connection
12. Fuel tank connection (ø 8mm)
13. Electric cables outlet
14. Fixing stirrups

	50 Hz	60 Hz
AC alternator	Synchronous, 4 poles, with AVR	
Cooling	Air	
Voltage	400 V	480 V
Frequency	50 Hz	60 Hz
Amps	52.3 A	51.2 A
Max. Power	36.2 kVA	42.5 kVA
Continuous power	33 kVA	39.5 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	Yanmar 4TNV98	
Type	Diesel	
Cylinder block material	nr 4	
Cylinders	Cast iron	
Bore	98 mm - 3.86 in	
Stroke	110 mm - 4.33 in	
Displacement	3319 cc - 202.54 CID	
Power	47 hp - 34.57 kWm (at 1500 RPM)	56 hp - 41.19 kWm (at 1800 RPM)
RPM	1500	1800
Compression ratio	18.5:1	
Engine head material	Direct injection	
Combustion system	Cast iron	
Speed governor	Mechanical	
Lubrication system	Forced	
Oil sump capacity with filter	8.20 l - 2.31 gl	
Engine stop system	Electromagnet	
Fuel pump	Electric	
Max. fuel pump head	700 mm - 27.5 in	
Fuel consumption	10.8 l/h - 2.85 gl/h	12.4 l/h - 3.28 gl/h
Air intake	2700 l/min - 95 cfm	
Starting battery	100 Ah - 12 V	
Battery charger	40 Ah - 12 V	
Starter motor	2.3 kW - 12 V	
Max. inclination	25°	
Water pump flow	40 l/min - 10.56 gl/min	45 l/min - 11.88 gl/min
Sea water inlet pipe Ø	25 mm - 1"	
Exhaust pipe Ø	80 mm - 3.1	
Input/Output fuel pipe Ø	8 mm - 5/16"	

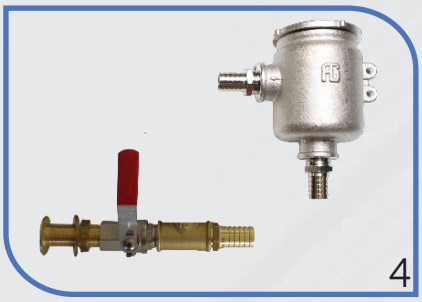
Dimensions (L x W x H)	1202 x 590 x 753 mm - 47.3 x 23.2 x 29.6 in
Weight	565 Kg - 1246 lb

	Accessory	Code
Accessories on request	· Filtering kit: sea water inlet, water filter, valves, fittings D.25 - ref.4	03793
	· Siphon break kit D.25 - ref.3	015849
	· 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	910994

1

2


3


4


5


6