



nannidiesel

energy in blue

QF 6.0

6,0kW

Kubota

The engine illustrated above is not necessarily identical to the standard production engine. The specifications are subject to change without notice. The specifications are defined for marine pleasure use. For every other application, please consult us.



General Specifications

a.c. output	5,5 kW Cont 6,0 kW Max
Power factor	1
Voltage	V 230
Frequency	Hz 50
Starting	Electric
Cooling eng / alt	Sea water
Fuel consumption	2,1l/h
Noise level @ 7 mt	54 dB(A)
Noise level @ 3 mt	56 dB(A)
Noise level @ 1 mt	60 dB(A)
Dimension (with canopy)	650x480x530mm
Weight (with canopy)	128 kg

Alternator specifics

ALTERNATOR:

Brand	Nanni Diesel
Model	C60
Type	Synchronous
Rotor and stator coat	Epoxy
Insulation class	H
High temperature winding protection	yes
Tropicalization winding	yes
Housing	aluminium
Cooling	Sea water
Cooling system piping	AISI 316
Excitation	brushless
Poles number	2
Distortions max	6,5%
Voltage variation	+/- 5%
Efficiency at 2/4 load	82%
Efficiency at 3/4 load	83,5%

Engine specifics

Brand	Nanni Diesel
Model	N2.10
Alimentation	Diesel
Power	10 HP
Speed / min	3000 RPM
Displacement	0,479 liter
Number of cylinders	2 in line
Bore and stroke	67mm x 68 mm
Compression ratio	23 / 1
Combustion system	indirect (E-TVCS)
Intake	Atmospherical
Cooling system	Heat Exchanger
Electrical equipment	12 Volts
Dry weight	78 Kg

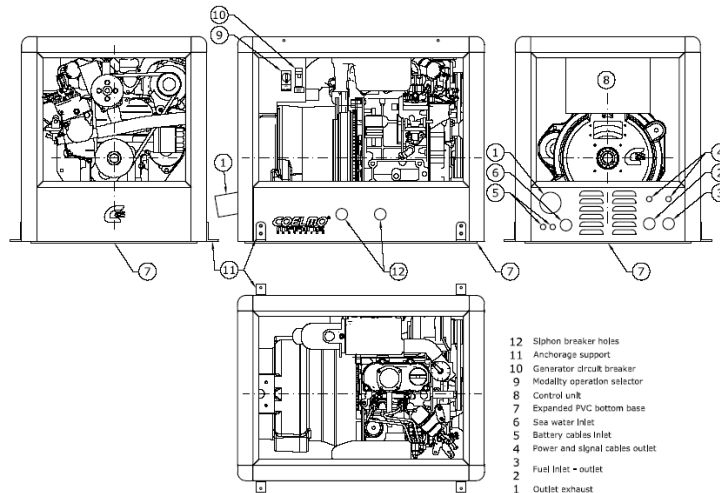
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5.5 kW (6.0kW max)

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- QF 6.0 -

Control panel (included)



The innovative control and command board EOS® represents the ideal interface for everyone that desires to have under control its Generating Set. The system is composed by one command and control panel mounted on bridge and by one control unit directly placed on the NANNIDIESEL Generating Set. The dimensions are:

- Control panel to be mounted on the bridge: 96x96mm fix-in household with hermetical retro-closing system;
- In and out signals circuit: mounted in the alternator terminal box; dimensions 190x135x40mm.

The data interchange between the two boards by means of a serial port using a simple signal cable type UTP CAT5 avoids further and bulky wirings from the engine housing to the control bridge. Furthermore it is possible to interface the control board with pre-existing centralised on board system (SCADA or similar). The display on the control board allows to visualize parameters and alarms.

Alarms

- Low oil pressure
- High water temperature
- High exhaust temperature
- Alternator battery charger failure
- Fault start
- Mechanical failure
- High frequency generator
- Maintenance deadline
- Generator overload
- Low battery voltage
- Low alternator voltage
- Low alternator voltage
- Low frequency generator

Parameters

- Amp
- Volt
- Hertz
- Vcc
- Time counter
- Maintenance remaining hours
- Water temperature (optional)
- Oil pressure (optional)

Each of these alarms will be visualized on the display and could be set to provide only signals, engine stop or start siren relay.

www.nannidiesel.co.nz