

# DYNAMICA MINI 90E



## Product description:

Super-silenced DYNAMICA MINI90E marine generator 8,6 KW

Generator Dynamica MINI90E single-phase 8,6 KW power with 3000 rpm motor. The Dynamica MINI90E generator is designed with a soundproof cabin that makes it **supersilenced**. The Dynamica MINI90E marine generator is built with a Kubota engine powered by 4-stroke diesel. The Dynamica MINI90E generator alternator is synchronous, self-excited and brushless. With its compact size and light weight, the Dynamica MINI90E marine generator is also suitable for installation on small boats.

## Engine

- Kubota D722, diesel, 4-stroke
- Easy access to fuel line, lubrication system, salt water pump and air filter
- Emergency stop in case of low oil pressure, high engine temperature or exhaust
- Double anti-vibration system
- Equipped with oil extraction pump

## Alternator

- Synchronous, 2 poles, self-regulated, brushless self-excited.
- Rotor and stator coated with epoxy resin against external agents
- Dynamically balanced rotor
- Insulation class: H
- Automatic high temperature shutdown

## Alternator motor cooling

- Water/air heat exchanger

## Soundproof enclosure

- Aluminum main frame and 5754 aluminum panels



### Control unit

- IP54 protection
- ON/OFF/START/STOP/MENU soft-touch keys
- Digital display, hour meter, AC output voltage, DC battery voltage, frequency, memory of the last 10 alarms
- 13 alarm icons
- Mod-Bus 485 connector for monitoring the generator from the main control panel
- GSM communication for starting and stopping the generator, receiving alarm messages

The Dynamica range includes the small but powerful nautical generator MINI40E, which delivers 3 KW of maximum power at 50 Hz, to continue with the MINI60E, the MINI70E up to the most powerful MINI90E respectively with maximum powers of 5, 6.1 and 8.6 KW.

Compact size, robustness and reliability are the main features of these new marine gensets also with this new power range.

If you are looking for a marine generator like the MINI90E but with different technical features then you can browse the entire catalog of marine generators.

Images and technical data are not binding.

### Product features:

Phase: Single phase

Maximum power single phase (KW): 8.6

Continuous power single phase (KW): 7.8

Maximum power single phase (KVA): 8.6

Continuous power single phase (KVA): 7.8

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230

Engine: KUBOTA D722, 4 stroke

Engine rpm (rpm): 3000

Speed governor: Centrifugal, mechanical

Engine capacity (cm<sup>3</sup>): 719

Cooling: Heat exchanger air/water

Inyección : Indirect

Alternator: Synchronous self-excited, self-regulated, brushless

Poles: 2

Bore x stroke (mm): 67 x 68

Compression ratio: 23.5 : 1

Lubrication: Forced

Acoustic pressure: 54 dB(A) at 7 m

Length (mm): 730



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Width (mm): 468  
Height (mm): 555  
Dry weight (Kg): 185  
Product type: Generator  
Engine manufacturer: Kubota