



MARINE GENERATOR SET KOHLER 21 EKOZD Single-phase 21 kVA 60 Hz

Product description:

Super-silenced single-phase KOHLER 21EKOZD 21 KVA AVR

Kohler 21EKOZD single phase 21 KVA marine generator with 1500 rpm motor. The KOHLER 21EKOZD single-phase marine generator is built with a soundproof enclosure that makes it **supersilenced**. The KOHLER 21EKOZD single-phase marine generator is built with a 4-cylinder, 4-cycle Kohler diesel-powered engine, closed cooling system with heat exchanger. The alternator of the single-phase KOHLER 21EKOZD is brushless with **AVR** voltage regulator and water-cooled. With its small size, the 21EKOZD is also suitable on boats of various sizes.

Main Technical Specifications:

Phase Type: Single Phase

Continuous Single Phase Power: 21 KW

Fuel: Diesel

Frequency: 60 Hz

Voltage: 120 V or 120/240 V

Motor: Kohler

Motor RPM: 1800 rpm

Length: 1197 mm

Width: 652.5 mm

Height: 711 mm

Dry weight: 462 Kg

Features of the KOHLER 21EKOZD

- Class H insulation
- Multi-voltage adjustability
- Voltage adjustment of 1.0%.
- Radio suppression



Engine features of the KOHLER 21EKOZD

- Diesel
- Environmental Protection Agency (EPA) certified for compliance with Tier III marine auxiliary standards (60 Hz model only)
- Four cylinders
- Four cycles
- Closed cooling system
- Heat exchanger
- Electric fuel lift pump
- Lifting eyelet
- Low oil pressure shutdown
- High temperature engine shutdown
- Low seawater pressure shutdown
- Vibromount
- Belt guard
- Disposable oil filter
- Oil drain valve
- Disposable fuel filter

Features of the KOHLER 21EKOZD alternator

- Brushless rotating field design allows power to be obtained from stationary conductors.
- Windings are vacuum-impregnated with epoxy paint for reliability and long life.
- Rotors are dynamically balanced to minimize vibration.
- Copper windings ensure minimal heat buildup. Insulation meets NEMA standards for Class H insulation.
- Connected directly to the motor, the generator features sealed precision ball bearings with a precision machined steel sleeve in the end bracket to prevent shaft misalignment and extend bearing life.
- Mounted on a drip-proof tray.
- Equipped with a four-conductor reconnectable stator.
- Capable of withstanding a line-to-neutral short-circuit current of up to 300% of rated current for up to 2 seconds. (Short circuit performance IEC 60092-301).

Other marine generators such as the KOHLER 21EKOZD can be found by browsing the entire catalog of marine generators.

Pictures and technical data are not binding.

Product features:

Phase: Single phase





Continuous power single phase (KW): 21
Continuous power single phase (KVA): 21
Fuel: Diesel
Frequency (Hz): 60
Engine: Kohler
Engine rpm (rpm): 1800
Speed governor: Mechanical
Engine capacity (cm³): 2500
Number cylinders: 4
Cooling: Water
Bore x stroke (mm): 88 x 102
Compression ratio: 17 : 1
Motor insulation class: H
Consumption (L/h): 5.26 at 75% of the load
Length (mm): 1197
Width (mm): 652.5
Height (mm): 711
Dry weight (Kg): 462
Silenced: Yes
Super silenced: Yes
Type of combustion: Direct
Product type: Generator
Voltage regulator: AVR
Engine manufacturer: Kohler

