



# KOHLER 24 EKOZD Three-phase 30 kVA 60 Hz Marine Generator Set

## Product description:

Super-silenced single-phase KOHLER 24EKOZD 24 KVA AVR

Kohler 24EKOZD single phase 24VKVA marine generator with 1500 rpm motor. The KOHLER 24EKOZD single-phase marine generator is built with a soundproof enclosure that makes it **over-silenced**. The KOHLER 24EKOZD 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 24EKOZD marine generator is brushless with **AVR** voltage regulator and water-cooled. With its small size, the 24EKOZD marine generator is also suitable on boats of various sizes.

## Features of the KOHLER 24EKOZD

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

## Engine features of the KOHLER 24EKOZD

- 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





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- High temperature engine shutdown
  - Low seawater pressure shutdown
  - Vibromount
  - Belt guard
  - Disposable oil filter
  - Oil drain valve
  - Disposable fuel filter

#### Features of the KOHLER 24EKOZD

- 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 twelve-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 24EKOZD can be found by browsing the entire catalog of marine generators.

Images and technical data are not binding.

#### Product features:

Phase: Single phase  
Continuous power single phase (KW): 24  
Continuous power single phase (KVA): 24  
Fuel: Diesel  
Frequency (Hz): 60  
Engine: Kohler  
Engine rpm (rpm): 1800  
Speed governor: Mechanical  
Engine capacity (cm<sup>3</sup>): 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): 471  
Silenced: Yes  
Super silenced: Yes  
Type of combustion: Direct  
Product type: Generator  
Voltage regulator: AVR  
Engine manufacturer: Kohler