



# 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 24KVA 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



- 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

