



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

Reference: KOHLER 24 EKOZD 3ph 120/240

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
- 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.

Technical Sheet

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 ³)	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