



KOHLER 24 EKOZD Single-phase 24 kVA 60 Hz Marine Generator Set

Reference: KOHLER 24 EKOZD 120

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

Kohler 24EKOZD single phase 24 KVA marine generator with 1500 rpm motor. The KOHLER 24EKOZD single-phase marine generator is designed with a soundproof enclosure that makes it **supersilenced**. The KOHLER 24EKOZD single-phase marine generator is designed with a 4-cylinder, 4-cycle Kohler diesel 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.

Here are the main technical data of the 24EKOZD generator:

Phase Type: Single Phase
Single Phase Continuous Power: 24 KW
Single Phase Continuous Power: 24 KVA
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: 471 Kg

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 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).

You can find other marine generators such as the KOHLER 24EKOZD with different technical features on our catalog of [marine generators](#).

Non-binding images and technical data.

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
