



## MARINE GENERATOR KOHLER 14EKOZD Single-phase 14 kVA 60 Hz

Reference: KOHLER 14 EKOZD MONOFASE

### KOHLER Marine Generator 14EKOZD Single-Phase Super Silent 14 KVA AVR

The KOHLER 14EKOZD marine generator is a 14 KVA single-phase unit with a 1500 RPM engine. The KOHLER 14EKOZD marine generator is built with a soundproof enclosure, making it **super silent**. It features a Kohler diesel engine with 4 cylinders, 4-stroke cycle, closed cooling system with heat exchanger. The alternator of the KOHLER 14EKOZD marine generator is brushless with **AVR** voltage regulator and water cooling.

The generator is equipped with a 3" muffler, included in the supply.

#### Features of the KOHLER 14EKOZD Marine Generator

- Class H insulation
- Multi-voltage adjustability
- Voltage regulation within 1.0%
- Radio interference suppression

#### Engine Features of the KOHLER 14EKOZD Marine Generator

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

#### Alternator Features of the KOHLER 14EKOZD Marine Generator

- Brushless rotating field design allows power generation from stationary conductors.
- Windings are vacuum-impregnated with epoxy varnish for reliability and long life.

- Rotors are dynamically balanced to minimize vibration.
- Copper windings ensure minimal heat build-up. Insulation meets NEMA standards for Class H insulation.
- Directly coupled to the engine, the generator is equipped with 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-wire reconnectable stator.
- Capable of withstanding a line-to-neutral short-circuit current up to 300% of rated current for up to 2 seconds. (Short-circuit performance IEC 60092-301).

Other KOHLER marine generators like the 14EKOZD can be found browsing the full catalog of [marine generators](#).

Images and technical data are not binding. Please always consult the technical data sheet issued by the manufacturer. Manel Service accepts no liability for any changes made by the manufacturer.

## Technical Sheet

Phase	Single phase
Continuous power single phase (KW)	14
Continuous power single phase (KVA)	14
Fuel	Diesel
Frequency (Hz)	60
Engine	Kohler
Engine rpm (rpm)	1800
Speed governor	Mechanical
Engine capacity (cm <sup>3</sup> )	1900
Number cylinders	3
Cooling	Water
Bore x stroke (mm)	88 x 102
Motor insulation class	H
Consumption (L/h)	3.04 at 75% of the load / 3.96 at 100% of the load
Length (mm)	1064
Width (mm)	652.5
Height (mm)	711
Dry weight (Kg)	393
Silenced	Yes
Super silenced	Yes
Type of combustion	Direct
Product type	Generator
Voltage regulator	AVR
Engine manufacturer	Kohler