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# MARINE GENERATOR SET KOHLER 17 EFKOZD Three-phase 21.3 kVA

## Product description:

Super-silenced three-phase KOHLER 17EFKOZD marine generator 21.3 KVA AVR

Kohler 17EFKOZD three-phase 21.3 KVA marine generator with 1500 rpm motor. The KOHLER 17EFKOZD three-phase marine generator is built with a soundproof enclosure that makes it **supersilenced**. The KOHLER 17EFKOZD three-phase is built with a 4-cylinder, 4-cycle Kohler diesel-powered engine, closed cooling system with heat exchanger. The alternator of the KOHLER 17EFKOZD three-phase is brushless with **AVR** voltage regulator and water-cooled. Compact and small in size, the 17EFKOZD is also suitable on boats of various sizes.

## Main technical data:

Phase type: Single-phase

Three-phase continuous power: 17 KW

Three-phase continuous power: 21. 3 KVA

Fuel: Diesel

Frequency: 50 Hz

Voltage: 110/190 V, 115/230 V, 120/208 V, 230/400 V, 240/416 V, 220/380 V

Motor: Kohler

Motor RPM: 1500 rpm

Length: 1197 mm

Width: 652.5 mm

Height: 711 mm

Dry weight: 462 Kg

## Engine characteristics of the KOHLER 17EFKOZD

- 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 17EFKOZD marine generator alternator

- 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 17EFKOZD can be found by browsing the entire catalog of marine generators.

Images and technical data are not binding.

#### **Product features:**

Phase: Three phase

Continuous power three phase (KW): 17

Continuous power three phase (KVA): 21.3

Fuel: Diesel

Frequency (Hz): 50

Engine: Kohler

Engine rpm (rpm): 1500

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): 3.8 at 75% of the load / 5 at 100% of the load

Length (mm): 1197

Width (mm): 652.5

Height (mm): 711

Dry weight (Kg): 462

Silenced: Yes

Super silenced: Yes

Type of combustion: Direct

Product type: Generator

Voltage regulator: AVR

Engine manufacturer: Kohler

