



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

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|-------------------------------------|-------------------------|
| 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 |