

KOHLER 32 EKOZD Single-phase 30 kVA 60 Hz Marine Generator Set

Reference: KOHLER 32 EKOZD



Super-silenced single-phase KOHLER 32EKOZD marine generator 32 KVA AVR

Kohler 32EKOZD single phase 32 KVA marine generator with 1500 rpm motor. The KOHLER 32EKOZD single-phase marine generator is built with a soundproof enclosure that makes it **supersilenced**. The KOHLER 32EKOZD 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 32EKOZD is brushless with **AVR** voltage regulator and water-cooled. The AVR voltage regulator prevents voltage fluctuations and does not damage the connected sensitive equipment.

Main Data of Nautical Generator 32EKOZD:

Phase Type: Single Phase
Single Phase Continuous Power: 32 KW
Single Phase Continuous Power: 32 KVA
Fuel: Diesel
Frequency: 50 Hz
Voltage: 120/240 V
Motor: Kohler
Motor RPM: 1500 RPM
Length: 1303 mm
Width: 661 mm
Height: 778 mm
Dry weight: 591 Kg

Features of the KOHLER 32EKOZD

- Class H insulation
- Multi-voltage adjustability
- Voltage adjustment of 1.0%.
- Radio suppression

Engine features of the KOHLER 32EKOZD

- 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
- Single lift 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 32EKOZD

- 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).

Other marine generators such as the KOHLER 32EKOZD can be found by browsing the entire catalog of [marine generators](#).

Pictures and technical data are not binding.

Technical Sheet

Phase	Single phase
Continuous power single phase (KW)	32
Continuous power single phase (KVA)	32
Fuel	Diesel
Frequency (Hz)	60
Engine	Kohler
Engine rpm (rpm)	1800
Speed governor	Electronic
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)	8.3 at 75% of the load / 11.1 at 100% of the load
Length (mm)	1304
Width (mm)	652.5
Height (mm)	780

Dry weight (Kg)	663
Silenced	Yes
Super silenced	Yes
Brushes	No
Type of combustion	Direct
Product type	Generator
Voltage regulator	AVR
Engine manufacturer	Kohler