



# KOHLER 35 EFKOZD

## Three-phase 44 kVA 50 Hz Marine Generator Set

### Product description:

Super-silenced single-phase KOHLER 35 EFKOZD marine generator 44 KVA AVR

Kohler 35 EFKOZD three phase 44 KVA marine gen

KOHLER 35 EFKOZD

erator with 1500 rpm motor. The KOHLER 35 EFKOZD three-phase marine generator is built with a soundproof enclosure that makes it **supersilenced**. The KOHLER 35 EFKOZD three-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 35 EFKOZD 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 35 EFKOZD:

Phase type: Three phase

Single phase continuous power: 35 KW

Single phase continuous power: 44 KVA

Fuel: Diesel

Frequency: 50 Hz

Voltage: 230/400 V

Motor: Kohler

Motor RPM: 1500 rpm

Length: 1354 mm

Width: 661 mm

Height: 778 mm

Dry weight: 620 Kg

Features of the KOHLER 35 EFKOZD

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

#### Engine Features

- Diesel fueled
- Certified by the Environmental Protection Agency (EPA) to conform to Tier III marine auxiliary standards (60 Hz model only)
- Four cylinder
- Four cycle
- Closed cooling system
- Heat exchanger
- Electric fuel lift pump
- Single lifting eye

#### Generator Features

- The unique Fast-Response X excitation system delivers excellent voltage response and short-circuit capability using a rare-earth permanent magnet-excited alternator
- Class H insulation
- Multivoltage adjustability
- Voltage regulation of  $\pm 1.0\%$
- Radio suppression

#### Decision-Maker 3500 Paralleling Controller

- A graphical display and pushbutton/rotary selector dial provide easy, local data access
  - Measurements are selectable in metric or English units
- The controller supports Modbus protocol with serial bus (RS-485) or Ethernet networks  
Modbus is a registered trademark of Schneider Electric.
- Scrolling display shows critical data at a glance
  - Graphical display of power metering (kW, kVA, V, I, PF, and VAR)
  - Integrated hybrid voltage regulator
  - Built-in alternator thermal overload protection

#### Optional Accessories

- Aluminum sound shield
- Remote digital gauge
- Remote digital display
- Siphon break
- Circuit breakers

#### Optional Agency Type Approval

- Lloyd's Register

#### Agency requirements:

- Extra senders, exhaust blankets, and double wall fuel lines with leak alarm

- 3 separate Type Approval documents for engine, alternator, and Decision-Makerr 3500 controller

Other marine generators such as the KOHLER 35EKOZD can be found by browsing the entire catalog of marine generators.

Pictures and technical data are not binding.

### Product features:

Phase: Single phase / Three phase

Continuous power three phase (KW): 35

Continuous power three phase (KVA): 44

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230 / 400

Engine: Kohler

Engine rpm (rpm): 1500

Speed governor: Electronic

Engine capacity (cm<sup>3</sup>): 2482

Number cylinders: 4

Cooling: Water

Bore x stroke (mm): 88 x 102

Compression ratio: 17 : 1

Motor insulation class: H

Consumption (L/h): 9.1

Length (mm): 1354

Width (mm): 661

Height (mm): 778

Dry weight (Kg): 620

Silenced: Yes

Super silenced: Yes

Brushes: No

Type of combustion: Direct

Product type: Generator

Voltage regulator: AVR

Engine manufacturer: Kohler