

KOHLER 80EFOZDJ Three-phase 100 kVA 50 Hz Marine Generator Set

Reference: 80 EFOZDJ



Kohler 80EFOZDJ Super-silenced 100 KVA AVR Marine Generator

KOHLER 80EFOZDJ is a 100 KVA three-phase marine generator with 1500 rpm motor and parallel switchgear. The KOHLER 80EFOZDJ marine generator is built with a soundproof aluminum enclosure that makes it **supersilenced**. The KOHLER 80EFOZDJ marine generator is built with a 4-cylinder diesel-powered John Deere engine. The alternator of the KOHLER 80EFOZDJ marine generator is brushless with **AVR** voltage regulator and water-cooled. Suitable for parallel mounting on large boats.

Technical data KOHLER 80EFOZDJ:

Phase type: Three-phase
Three-phase continuous power: 80 KW
Three-phase continuous power: 100 KVA
Permanent magnet brushless alternator
Heat exchanger/cooled keel
Fuel: Diesel
Frequency: 50 Hz
Voltage: 110/190 V, 110/220 V, 120/208 V, 115/230 V, 220/380 V, 230/400 V, 240/416 V
Motor: John Deere
Electrical system 12v or 24v c. c.
Engine RPM: 1500 rpm
Length: 1829 mm
Width: 831 mm
Height: 1032 mm
Dry weight: 1320 Kg

Inline type, 4 cycle
Number of cylinders 4
Inspiration Turbocharged and aftercooled
Displacement, L (cu. in.) 4.48 (273)
Bore and stroke, mm (in.) 107 x 127 (4.21 x 5.00)
Compression ratio 16.7: 1
Combustion system Direct injection
Nominal RPM 1800 1500
Maximum power at nominal RPM, HP 148 120
Cylinder block material Cast iron
Cylinder head material Cast iron
Pistons 2 compression rings/1 oil
Crankshaft material Forged steel
Twin rod material Forged steel
Governing type Electric isochronous

Features of the KOHLER marine generator

- Aluminium soundproof cabin
- 5" Acqualift exhaust silencer
- DEC3500+ Controller and digital display with full monitoring of all alarms and functions in AC DC including also Fail Safe circuit, interface with on-board computer and ModBus connection
- Overspeed and overvoltage protection
- Exhaust gas separator 5"
- Power circuit breaker
- Control system with pre-alarm and alarm-ù- Stop system for BPO, ATA and overspeed
- Cooled exhaust curve
- Exchanger water level alarm
- Oil level alarm in sump
- Crank-vent oil vapour separator
- New model supports, Focused Mounts
- Insulated Poles Kit
- Manual and automatic parallel predisposition kit installed and tested on our test bench (excluding components of the control panel). test bench (excluding components for the parallel panel)
- Double cased diesel pipes as per specific classification body.

If you are looking for marine generators like the KOHLER 80EFOZDJ but with different features you can see the entire catalog of [marine generators](#).

Images and technical data are not binding.

Technical Sheet

Phase	Three phase
Continuous power three phase (KW)	80
Continuous power three phase (KVA)	100
Fuel	Diesel
Frequency (Hz)	50
Engine	John Deere
Emissions Regulations	Tier III
Engine rpm (rpm)	1500
Speed governor	Electronic
Engine capacity (cm ³)	4480
Number cylinders	4
Cylinders' position	In line
Cooling	Water
Inyección	Direct
Alternator	Permanent magnets
Poles	4
Bore x stroke (mm)	106 x 127

Compression ratio	16.7:1
Motor insulation class	H
Consumption (L/h)	18.54 @ 75%
Length (mm)	1830
Width (mm)	830
Height (mm)	1032
Dry weight (Kg)	1032
Silenced	Yes
Super silenced	Yes
Brushes	No
PMG	Yes
Input voltage (V)	12 or 24
Type of combustion	Direct
Product type	Generator
Type of alternator	Constant Speed
Voltage regulator	AVR
Engine manufacturer	John Deere