

# MOSA GE 225 FXC (Stage 3A)



Product price:

**34.535,44 € tax excluded**

## Product description:

MOSA GE225 FXC 176KW STAGE 3

MOSA GE225 FXC is a three-phase generator with an IVECO FPT N67 TM7 diesel engine capable of delivering a maximum power of 176KW. The MOSA GE225 FXC genset set is equipped with electric start.

The MOSA GE225 FXC alternator is synchronous, three-phase, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator. MOSA GE225 FXC is compact and convenient to maneuver and transport thanks to its compact size, with a weight of 2160 kg in addition to the practical pierceable base.

Generator with cowling to reduce noise emissions that makes it supersilenced.

The MOSA Generator with 230-liter tank has a fuel consumption of 34 liters/hour at 75% load for a range of more than 9 hours.

The AVR, applied to synchronous genset, has the objective of maintaining a constant operation of the machine, in its most efficient regime. Generally, this means maintaining the power factor at values close to 1, but if the synchronous machine is also used to power factor other users in the same settlement, these values may vary.

MOSA GE225 FXC Technical Specifications:

### NOMINAL OUTPUT POWER

Three phase Stand-by output: 220 kVA (176 kW) / 400V / 317.5A

Three phase PRP output: 200 kVA (160 kW) / 400V / 288.7A

Three phase COP output: 165 kVA (132 kW) / 400V / 238.2A

Frequency: 50 Hz

### MOTOR DATA

Model: FTP N67 TE3F (Stage3A)  
Net standby output: 195 kW (265 hp)  
Net PRP output: 175 kW (238 hp)  
Net COP output: 140 kW (190 hp)  
Cylinders/ Displacement: 6/ 6700 cm<sup>3</sup> (6. 7 lit.)  
Bore / Stroke: 104 / 132 (mm)  
Compression Ratio: 17. 5 : 1  
BMEP Effective Average Pressure: 2328 kPa - 2089 kPa  
RPM Controller: Electronic  
110 % (Standby Power):49 lit./h  
100 % PRP: 45.5 lit./h  
75 % PRP: 41.9 lit./h  
50 % PRP: 29.9 lit./h

#### GENERAL SPECIFICATIONS

A.V.R. model: MARK VX (11000013)  
Tank capacity: 230 lt.  
Autonomy (75% of PRP): 6 h  
Measured acoustic power LwA: 95 dB(A) (70 dB(A) @ 7m)  
Guaranteed acoustic power LwA: 97 dB(A) (72 dB(A) @ 7m)  
Width: 3400 mm  
Length: 1200 mm  
Height: 1800 mm  
Dry weight: 2210 kg

If you are looking for another product such as MOSA GE225 FXC genset then you can browse our catalog for more land based generator sets.

Images and technical data are not binding.

#### Product features:

Phase: Three phase  
Maximum power three phase (KW): 176  
Continuous power three phase (KW): 160  
Maximum power three phase (KVA): 220  
Continuous power three phase (KVA): 200  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Engine: FPT (IVECO) NEF67TM7  
Emissions Regulations: Stage 3A  
Engine rpm (rpm): 1500

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Speed governor: Electronic  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 6  
Number cylinders: 6  
Oil capacity (L): 17  
Cooling: Water  
Inyección : Direct  
Alternator: Three-phase synchronous self-excited, self-regulated, brushless  
Bore x stroke (mm): 104 x 132  
Fuel tank capacity (L): 230  
Consumption (L/h): 37 at 75% of the load  
Running time (h): 6 at 75% of the load  
Acoustic power: 95 dB(A)  
Acoustic pressure: 70 dB(A) at 7 m  
Length (mm): 3400  
Width (mm): 1200  
Height (mm): 1800  
Dry weight (Kg): 2210  
Silenced: Yes  
Super silenced: Yes  
Product type: Generator  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: FPT Iveco