

MOSA GE 335 FSX



Product price:

47.470,00 € tax excluded

Product description:

MOSA GE335 FSX 264 KW

MOSA GE335 FSX three-phase 264 KW generator set with Iveco diesel engine. The MOSA GE335 FSX generator set is equipped with electric start. The alternator of the MOSA GE335 FSX generator set is synchronous, three-phase, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator.

This MOSA is compact and convenient to maneuver and transport thanks to its compact size, with a weight of 3500 kg in addition to the practical pierceable base. The MOSA GE335 FSX generator set with 580-liter fuel tank has a fuel consumption of 52.2 liters/hour at 75% load for an autonomy of more than 12 hours.

Technical specifications:

Three-phase Stand-by (LTP) output: 330 kVA (264 kW) / 400 V / 476.3 A

Three-phase PRP output: 300 kVA (240 kW) / 400 V / 433 A

Three-phase COP output: 250 kVA (200 kW) / 400 V / 361.2 A

Frequency: 50 Hz

Cos ϕ : 0.8

ENGINE TECHNICAL DATA

Model: IVECO FPT C87 TE4

Cylinders / Displacement: 6/ 10300 cm³ (10.3 lit.)

Bore / Stroke: 125 / 140 (mm)

Compression Ratio: 16.5 : 1

Net stand-by output: 290 kW (394 hp)

Net PRP output: 263 kW (358 hp)

Net COP output: 208 kW (283 hp)

BMEP (LTP - PRP effective average pressure): 2330 kPa - 2130 kPa

RPM controller: Electronic

110 % (Stand-by power): 209.6 g/kWh - 74.8 l/h

100 % PRP: 197.8 g/kWh - 64.3 l/h

75 % PRP: 209.5 g/kWh - 52.4 l/h

50 % PRP: 198.5 g/kWh - 32.1 l/h

Total capacity - engine only: 63 l - 15 l

Fan air flow: 390 m³/min.

Total oil capacity: 30 l

Sump oil capacity: 16.8 lit. (min) - 23.5 lit. (max)

Full load oil consumption: Max. exhaust gas flow rate: 23.38 kg/mim.

Max. exhaust gas temperature: 520 °C

Max. back pressure: 5 kPa (0.05 bar)

Electrical system: 24 Vdc

Starter motor power: 5.5 kW

Battery charging alternator capacity: 90 A

Cold start: - 10 °C

With cold start device: - 25 °C

Air filter: Dry

Combustion air flow: 18.16 m³/min

TECHNICAL DATA ALTERNATOR

Continuous power: 300 kVA

Stand-by power: 330 kVA

Three-phase voltage: 380-415 Vac

Frequency: 50 Hz

Cos ϕ : 0.8

A.V.R. model. : Digital MEC-20

Voltage regulation accuracy: \pm 0.5 %

Sustained short-circuit current: 3 In

Transient Cdt (100% of load): Response time: Yield at 100% load: 93.1 % (400V - Cos ϕ 0.8)

Isolation: Class H

Connection - Terminals: Star - No. 12

Electromagnetic Compatibility: EN55011

Harmonic Distortion - THD: Telephone Interference - THF: Direct Synchronous - Xd: 360 %

Direct Transitory - X'd: 32 %

Direct Subtransitory - X "d: 15.5 %

Synchronous in quad. - Xq: 180 %

Subtrans. in quadrature - X'q: 17.5 %

Of reverse sequence - X2: 16.5 %

Of zero sequence - X0: 4 %

Transitory - T'd: 0.145 sec

Subtransitory - T'd: 0.014 sec

Unidirectional - T'do: 1.6 sec

Unidirectional - Ta / Armatures - Ta: 0.018 sec

Short-circuit ratio Kcc: 0.33

Protection class: IP 23

Cooling air flow rate: 0.83 m³/sec.

Coupling | Bearings: Direct SAE 1 -14 - No. 1

GENERAL SPECIFICATIONS

Tank capacity: 580 lt.

Run time (75% of PRP): 11. 5 h

Measured acoustic power LwA: 97 dB(A) (72 dB(A) @ 7m)

Guaranteed acoustic power LwA: 98 dB(A) (73 dB(A) @ 7m)

Performance class: G3

Length: 4100 mm

Width: 1520 mm

Height: 2150 mm

Weight: 3890 Kg

MOSA GE335 FSX - Iveco diesel engine electric start - Three-phase alternator - Three-phase power 300 kVA (240 kW)

Features:

- Electronic voltage regulation AVR
- Version also available with STAGE 3A engine
- Sealed basement able to contain any leakage of liquids present in the engine avoiding environmental pollution
- Oil extraction pump
- Fuel pre-filter with water decanter
- Large access doors to allow easy maintenance (replacement of air, oil, fuel filters)
- Two central lifting hooks
- Control panel with digital control unit in Automatic or Manual version
- Ready for a wide range of equipment
- Supersilenced
- Complies with EC directives for noise and safety

If you are looking for another product like the generator set MOSA GE335 FSX then you can see on our catalog other terrestrial generators.

Images and technical data are not binding.

Product features:

Phase: Three phase

Maximum power three phase (KW): 264

Continuous power three phase (KW): 240

Maximum power three phase (KVA): 330

Continuous power three phase (KVA): 300

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 400

Engine: IVECO FPT C87 TE4

Emissions Regulations: Stationary Use

Engine rpm (rpm): 1500

Starting system: Electric

Engine capacity (cm³): 10300

Number cylinders: 6

Cooling: Water

Inyección : Direct

Alternator: Sincrono trifase, autoeccitato, autoregolato, senza spazzole

Fuel tank capacity (L): 580

Consumption (L/h): 50.3 at 75% of the load

Running time (h): 11.5 at 75% of the load

Acoustic power: 97 dB(A)

Acoustic pressure: 72 dB(A) at 7 m

Length (mm): 4100

Width (mm): 1520

Height (mm): 2150

Dry weight (Kg): 3890

Silenced: Yes

Super silenced: Yes

Product type: Generator

ATS Switch device : Optional

Voltage regulator: AVR

Engine manufacturer: FPT Iveco