



MOSA GE 335 FSX IVECO FPT C10 TE1F

Product price:

51.934,51 € 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 its practical drilled base. The MOSA GE335 FSX generator set with 580-liter fuel tank has a fuel consumption of 52.4 liters/hour at 75% load for an autonomy of more than 11 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: FPT IVECO C10 TE1F Stage 3A

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: ± 0.5 %
Sustained short-circuit current: 3 I_n
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 - X_d: 360 %
Direct Transitory - X'_d: 32 %
Direct Subtransitory - X''_d: 15.5 %
Synchronous in quad. - X_q: 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 - T_a / Armatures - T_a: 0.018 sec
Short-circuit ratio K_{cc}: 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)

If you are looking for another product like MOSA GE335 FSX generator set then you can find in our catalog other land based generator sets.

Pictures 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: FPT (IVECO) C10 TE1F, 4 stroke common rail, turbo-aftercooler

Emissions Regulations: Stage 3A

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): 49.2 at 75% of the load

Running time (h): 11.8 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): 3500
Silenced: Yes
Super silenced: Yes
Product type: Generator
ATS Switch device : Optional
Voltage regulator: AVR
Engine manufacturer: FPT Iveco