

MOSA GE 385 FSX



Product price:

52.660,76 € tax excluded

Product description:

MOSA GE385 FSX 305,6 KW

MOSA GE385 FSX Threephase generator set of 305,6 KW with Iveco diesel engine. The MOSA GE385 FSX generator set is equipped with electric start. The alternator of the MOSA GE385 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 4050 kg in addition to its practical pierceable base. The MOSA GE385 FSX generator set with 580 liters fuel tank has a fuel consumption of 73.8 liters/hour at 75% load for an autonomy of 8 hours.

Technical specifications:

Threephase Stand-by (LTP) output: 382 kVA (305.6 kW) 400 V / 551.4 A

Threephase PRP output: 346 kVA (277 kW) 400 V / 499.4 A

Threephase COP output: 271 kVA (217 kW) / 400 V / 391.1 A

Frequency: 50 Hz

Cos ϕ : 0.8

ENGINE TECHNICAL DATA

Model: FPT C13 TE2A

Cylinders / Displacement: 6 in-line / 12880 cm³ (12.88 l)

Bore / Stroke: 135 / 150 (mm)

Compression Ratio: 16.5 : 1

Net standby output: 327 kW (445 hp)

Net PRP output: 296 kW (403 hp)

Net COP output: 232 kW (316 hp)

BMEP (LTP - PRP effective average pressure): 2180 kPa - 1975 kPa

RPM Controller: Electronic

110 % (Standby Power): 204 g/kWh - 85 l/h

100 % PRP: 212.5 g/kWh - 81 l/h

75 % PRP: 242.2 g/kWh - 73.8 l/h

50 % PRP: 256.3 g/kWh - 48.8 l/h

Total capacity - motor only: 67 l - 19.5 l

Fan air flow rate: 546 m³/min

Total oil capacity: 35 l

Sump oil capacity: 14 l (min) - 27 l (max)

Full load oil consumption: Max. exhaust gas flow rate: 28.93 kg/mim.

Max. exhaust gas temperature: 490 °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: 23.51 m³/min

TECHNICAL DATA ALTERNATOR

Continuous power: 350 kVA

Stand-by power: 385 kVA

Threephase 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 In

Transient Cdt (100% of load): Response time: Performance at 100% of load: 93.4 % (400V - Cos ϕ 0.8)

Isolation: Class H

Connection - Terminals: Star - No. 12

Electromagnetic compatibility: EN 55011

Harmonic distortion - THD: Telephone Interference - THF: Direct Synchronous - Xd: 345 %

Direct Transit - X'd: 30 %

Direct Subtransit - X "d: 14 %

Synchronous Quad. - Xq: 175 %

Subtrans. in quadrature - X'q: 16.4 %

Of reverse sequence - X2: 15.2 %

Of zero sequence - X0: 3.8 %

Transitory - T'd: 0.14 sec

Subtransitory - T'd: 0.014 sec

Unidirectional - T'do: 1.42 sec

Unidirectional - Ta / Armatures - Ta: 0.018 sec



Short-circuit ratio Kcc: 0.35
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.
Autonomy (75% of PRP): 8 h
Acoustic power measured LwA: 97 dB(A) (72 dB(A) @ 7m)
Acoustic power guaranteed LwA: 98 dB(A) (73 dB(A) @ 7m)
Performance class: G3
Length: 4100 mm
Width: 1520 mm
Height: 2150 mm
Weight: 4100 Kg

MOSA GE385 FSX - Iveco diesel engine electric start - Three-phase alternator - Three-phase power 346 kVA (276.8 kW)

Features:

- Electronic voltage regulation AVR
- Version with STAGE 3A emission engine
- Sealed crankcase able to contain any leakage of the liquids present in the engine avoiding environmental pollution
- Oil extraction pump
- Fuel pre-filter with water decanter
- Large access doors to allow easy maintenance

If you are looking for another product such as the MOSA GE385 FSX generator set then you can browse our catalog for more terrestrial generator sets.

Images and technical data are not binding.

Product features:

Phase: Three phase
Maximum power three phase (KW): 305.6
Continuous power three phase (KW): 276.8
Maximum power three phase (KVA): 382
Continuous power three phase (KVA): 346
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 400



Engine: FPT (IVECO) C13 TE1F, 4 stroke common rail, turbo-aftercooler
Emissions Regulations: Not Emitted
Engine rpm (rpm): 1500
Starting system: Electric
Engine capacity (cm³): 12900
Number cylinders: 6
Cooling: Water
Inyección : Direct
Alternator: Sincrono trifase, autoeccitato, autoregolato, senza spazzole
Fuel tank capacity (L): 580
Consumption (L/h): 69 at 75% of the load
Running time (h): 8.4 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): 4100
Silenced: Yes
Super silenced: Yes
Product type: Generator
ATS Switch device : Optional
Voltage regulator: AVR
Engine manufacturer: FPT Iveco