



MOSA GE 90 BSX



Product description:

MOSA GE90 BSX 70 KW generating set

MOSA GE90 BSX three-phase 70 KW generator set with BAUDOUIN 4M11G120/5 diesel engine. The MOSA GE90 BSX generator set is equipped with electric start. The MOSA GE90 BSX generator set alternator is synchronous, three-phase, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator.

This MOSA GE90 BSX compact and easy to maneuver and transport thanks to its compact size, with a weight of 1825 kg as well as the practical pierceable base. Generator set with cowling to reduce noise emissions that makes it supersilenced.

The MOSA with 230-liter tank has a fuel consumption of 17.4 liters/hour at 75% load for a 13-hour autonomy.

Technical specifications MOSA GE90 BSX:

Three-phase output Stand-by (LTP): 88 kVA (70 kW) / 400V / 127 A

Three-phase output PRP: 80 kVA (64 kW) / 400V / 115.5 A

Three-phase output COP: 57 kVA (45.6 kW) / 400V / 82.3 A

Frequency: 50 Hz

Cos ϕ : 0.8

ENGINE DATA

Model: BAUDOUIN 4M11G120/5

Net output stand-by 106.5 kW (145 hp)

Net output PRP 96.5 kW (131 hp)

Cylinders / Displacement: 4 / 4500 cm³ (4.5 lt.)

Bore / Stroke: 105 / 130 (mm)

Compression Ratio: 18 : 1

Speed Governor: Electronic



110 % (Stand-by power): 26 lt./h
100 % PRP: 23.2 lt./h
75% PRP: 17.4 lt./h
50% PRP: 11.9 lt./h
Total capacity - motor only: 17 lt - 5.3 lt.
Fan air flow: 146 m³/min.
Total oil capacity: 13 l
Oil capacity in sump: 9 lt ÷ 11 lt.
Oil consumption at full load: 0.02 l/h

GENERAL SPECIFICATIONS

Tank capacity: 230 lt.
Autonomy (75% of PRP): 13.2 h
Acoustic power measured LwA: 94.3 dB(A) (69.3 dB(A) @ 7m)
Guaranteed acoustic power LwA: 96 dB(A) (71 dB(A) @ 7m)
Length: 2630 mm
Width: 1130 mm
Height: 1750 mm
Dry weight: 1825 kg

MOSA GE90 BSX - Diesel engine BAUDOUIN 4M11G120/5 electric start - Three-phase alternator - Three-phase power 88 kVA (70 kW)

Features:

- Electronic AVR voltage regulation
- 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 (replacement of air, oil, fuel filters)
- Central lifting hook
- 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 GE90 BSX then you can see on our catalog other [terrestrial generators](#).

Images and technical data are not binding.

Product features:



Phase: Single phase / Three phase
Maximum power three phase (KW): 70
Continuous power three phase (KW): 64
Maximum power three phase (KVA): 88
Continuous power three phase (KVA): 80
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 230 / 400
Engine: BAUDOUIN 4M11G120/5
Emissions Regulations: Stationary Use
Engine rpm (rpm): 1500
Speed governor: Electronic
Starting system: Electric
Engine capacity (cm³): 4500
Number cylinders: 4
Oil capacity (L): 13
Cooling: Water
Inyección : Direct
Alternator: Sincrono trifase, autoeccitato, autoregolato, senza spazzole
Bore x stroke (mm): 105 x 135
Fuel tank capacity (L): 230
Consumption (L/h): 17.5 at 75% of the load
Running time (h): 13.2 al 75% del carico
Acoustic power: 94.3 dB(A)
Acoustic pressure: 63 dB(A) at 7 m
Length (mm): 2630
Width (mm): 1130
Height (mm): 1750
Dry weight (Kg): 1825
Silenced: Yes
Super silenced: Yes
Product type: Generator
ATS Switch device : Optional
Voltage regulator: AVR
Engine manufacturer: BAUDOUIN