

MOSA GE 90 BSX

Reference: CL9S2051 /



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.

Technical Sheet

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 (cm ³)	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 ATS
Voltage regulator	AVR
Engine manufacturer	BAUDOUIN