

MOSA GE 120 BSX

Reference: CMOS3051 /



MOSA GE120 BSX 96 KW Generator

MOSA GE120 BSX three-phase is a 96 KW generator with a BAUDOUIIN 4M11G120/5 diesel-powered engine. The MOSA GE120 BSX is equipped with an electric starter. The MOSA GE120 BSX generator set alternator is synchronous, three-phase, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator.

MOSA GE120 BSX is compact and convenient to maneuver and transport thanks to its compact size, with a weight of 1825 kg as well as the practical pierceable base. The MOSA GE120 BSX generator set with 230-liter fuel tank has a fuel consumption of 17.4 liters/hour at 75% load for an autonomy of 13 hours.

MOSA GE120 BSX technical specifications:

Three-phase Stand-by power: 120 kVA (96 kW) / 400V / 173.2 A
Three-phase PRP power: 110 kVA (88kW) / 400V / 159 A
Frequency: 50 Hz

MOTOR DATA

Model: BAUDOUIIN 4M11G120/5
Net standby output 106.5 kW (145 hp)
Net PRP output 96.5 kW (131 hp)
Cylinders / Displacement: 4 / 4500 cm³ (4.5 lt.)
Bore / Stroke: 105 / 130 (mm)
Compression ratio: 18 : 1
RPM controller: 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 - engine only: 17 lt - 5.3 lt.
Fan air flow: 146 m³/min.
Total oil capacity: 13 l
Oil capacity in sump: 9 lt ± 1 lt.
Oil consumption at full load: < 0.02 l/h

GENERAL SPECIFICATIONS

Tank capacity: 230 lt.
Run time (75% PRP): 13.2 h
Measured acoustic power 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

The generator MOSA is equipped with Diesel Engine BAUDOUIN 4M11G120/5 electric start - Three-phase alternator - Three-phase power 120 kVA (96 kW)

If you are looking for another product like the generator set MOSA GE90 BSX then you can see on our catalog other [ground generators](#).

Pictures and technical data are not binding.

Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	96
Continuous power three phase (KW)	88
Maximum power three phase (KVA)	120
Continuous power three phase (KVA)	110
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	BAUDOQUIN