



MOSA TS 200 BS/EL-P MOTORWELDER 6 KVA

Reference: C0FN7010

MOSA TS200 BS/EL-P MOTORWELDING 6KVA

MOSA TS200 BS/EL-P is a three-phase motorwelder equipped with a HONDA - GX 390 engine with gasoline power supply, capable of delivering a power of 6KVA.

The MOSA TS200 BS/EL-P is a motorwelding machine that performs the dual function of current source for arc welding and current generator for auxiliary generation.

The MOSA TS200 BS/EL-P motorwelder is intended for industrial and professional use. Driven by an endothermic engine, it consists of several parts such as: the engine, the alternator, the electrical and electronic controls, the bodywork and a protective structure.

The assembly of the MOSA TS200 BS/EL-P motorwelding machine is carried out by the operator.

The assembly of the motorwelding machine is carried out on a steel structure on which elastic supports are foreseen in order to absorb vibrations and eventually eliminate resonances that would produce noise.

MOSA TS200 BS/EL-P is equipped with an Isolation Monitor to prevent intentional connection of the PE (12) earth terminal to an earth system. Located on the front of the machine, the Isolation Monitor continuously monitors the ground insulation of active parts.

The MOSA TS200 BS/EL-P motorwelding machine incorporates the "Power Optimizer" function, designed and patented by MOSA. This is a specific control technique intended to avoid overloading the motor when it is working close to maximum power. With the "Power Optimizer" it is possible to ensure stable and optimal operation in all welding conditions, making full use of the motor's power.

TECHNICAL FEATURES MOSA TS200 BS/EL-P

Fuel: Gasoline
Phase Type: Single-Phase/Three-Phase
Voltage: 230 V / 400 V
Maximum Power Single-Phase 230 V: 4KVA
Maximum Power Three-Phase 400 V: 6KVA

MOTOR DATA

Model: HONDA - GX 390
Net standby output: 8.2 kWm (11.1 hp)
Net PRP output: 6.4 kWm (8.7 hp)
Cylinders / Displacement: 1 / 389 cm³ (0.39 lt.)
Bore / Stroke: 88 / 64 (mm)

Compression Ratio: 8.2 : 1
RPM Controller: Mechanical
75 % PRP: 2.4 l/h
50 % PRP: 1.6 l/h

DC WELDING DATA

Adjustment range: 20 ÷ 170 A
Current (A): 170 A - 60% | 140 A - 100%
Current type: DC
Trigger voltage (open-circuit voltage) 65 V
Arrow penetration No
Welding type: MMA STICK
Electrodes supported: all maximum diameter 3.25 mm

GENERAL SPECIFICATIONS

Tank capacity 6.1 l
Fuel consumption (welding 60%): 2 l/h
Autonomy (welding 60%): 3 h
Protection class: IP 23
Acoustic output LwA: 98 dB(A) (73 dB(A) @ 7 m)
Length (mm): 870
Width (mm): 525
Height (mm): 590
Dry weight (Kg): 106

Are you looking for a motorwelding with different characteristics? [Here](#) you can find the full range of MOSA or other specialized brands.

Images and technical data not binding.

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	3.2
Maximum power single phase (KVA)	4
Maximum power three phase (KW)	4.8
Maximum power three phase (KVA)	6
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1x400V 16A 3P+N+T CEE - 1x230V 16A 2P+T CEE
Engine	Honda GX390, 4 stroke, OHV
Emissions Regulations	Stationary Use
Engine rpm (rpm)	3000
Starting system	Manual
Engine capacity (cm ³)	389
Number cylinders	1
Cooling	Air

Alternator	Asynchronous three-phase, self-excited, self-regulated, brushless
Regulation current (A)	20 - 170
Welding current (A)	170 A - 60% 140 A - 100%
Open circuit voltage (V)	65
Maximum diameter electrodes (mm)	3.25
Type of welding current	DC
Type of welding	MMA
Fuel tank capacity (L)	6.1
Consumption (L/h)	2
Running time (h)	3
Acoustic power	98 dB(A)
Acoustic pressure	73 dB(A) at 7 m
Length (mm)	870
Width (mm)	525
Height (mm)	590
Dry weight (Kg)	106
Silenced	No
Super silenced	No
Engine manufacturer	Honda