



# MOSA TS 200 BS/EL MOTORWELDER 6 KVA



**Product price:**

**2.297,21 € tax excluded**

## **Product description:**

MOSA TS 200 BS/EL MOTORWELDING 6 KVA

MOSA TS 200 BS/EL is a three-phase motorwelder equipped with a KOHLER CH440 engine with gasoline power supply, capable of delivering a power of 6KVA.

The MOSA TS 200 BS/EL is a motorwelding machine that performs the dual function of current source for arc welding and current generator for auxiliary generation.

The motorwelder MOSA TS 200 BS/EL is intended for industrial and professional use. Driven by an endothermic engine, it is composed of several parts such as: the engine, the alternator, the electrical and electronic controls, the body and a protective structure.

The assembly 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 TS 200 BS/EL motorwelder 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. If the insulation resistance drops below the set fault value, the Insulation Monitor will interrupt the power supply to the connected equipment.

## **TECHNICAL CHARACTERISTICS MOSA TS 200 BS/EL**

Fuel: Gasoline

Phase type: Single phase / Three phase

Voltage: 230 V / 400 V

Maximum power Single-phase 230 V (kVA): 4

Maximum power three-phase 400 V (kVA): 6





## ENGINE DATA

Model: KOHLER CH440

Stand-by net output: 8.2 kWm (11.1 hp)

PRP net output: 6.4 kWm (8.7 hp)

Cylinders / Displacement: 1 / 389 cm<sup>3</sup> (0.39 lt)

Bore/Stroke: 88/64 (mm)

Compression Ratio: 8.2 : 1

Speed Governor: Mechanical

75% PRP: 2.4 l/h

50% PRP: 1.6 l/h

## DC WELDING DATA

Adjustment range: 20 ÷ 155 A

Current (A): 155 A at 60% - 120 A at 100%.

Type of current: DC

Trigger voltage (open-circuit voltage) 65 V

Arc penetration No

Welding type: MMA STICK

Supported electrodes: all maximum diameter 3.25 mm

## GENERAL SPECIFICATIONS

Tank capacity 6.1 l

Fuel consumption (60% welding): 2 l/h

Autonomy (welding 60%): 3 h

Degree of protection: 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 whole range of MOSA or other specialized brands.

Images and technical data not binding.

### Product features:

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: KOHLER CH440

Emissions Regulations: Stationary Use

Engine rpm (rpm): 3000

Starting system: Manual

Engine capacity (cm<sup>3</sup>): 389

Number cylinders: 1

Cooling: Air

Alternator: Asynchronous three-phase, self-excited, self-regulated, brushless

Regulation current (A): 20 - 155

Welding current (A): 155 at 60% - 120 at 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: Kohler