

CGM 300SDET - THREE PHASE ELECTRIC START MOTOR WELDER



Product description:

CGM 300SDET THREEPHASE MOTORWELDING MACHINE ELECTRICALLY STARTED

CGM 300SDET is a threephase engine motorwelder equipped with a Lombardini 12LD 477/2 Diesel engine capable of delivering a power of 8,5KVA.

The CGMs are motorwelders equipped with Honda petrol or Lombardini diesel engines with electric or recoil start.

Mounted on a fixed base and operating at 3000 rpm, they are suitable for welding and supplying 400V threephase and/or 230V singlephase.

The CGM 300SDET engine driven welders of 3000 rpm are suitable for non-continuous emergency use, it is not recommended to use them for more than 6 continuous hours and for more than 500 hr/year.

TECHNICAL CHARACTERISTICS CGM 300SDET

Phase Type : Threephase

Maximum threephase output: 6.8 KW / 8.5 KVA

Maximum singlephase output: 3.2 KW / 4 KVA

Motor : Lombardini 12LD 477/2

Fuel : Diesel

Cylinders : 2

Displacement : 594 cm³

Maximum Engine Power : 17.3 HP

Max Welding Current : 300-240 A at 35%/60%

Tank : 7 Lt

Sockets : 1 CEE 3-pole 230V socket, 1 CEE 5-pole 400V socket

Starting : Electric with battery

Acoustic Power : 77 dB(A) at 7 m

Voltage : 230 V / 400 V
Frequency : 50 Hz
Power Factor : 0. 8
Welding current : 35-400 A
Cooling : Air
Number of turns : 3000 rpm
Autonomy : 2.2 h
Consumption at 3/4 load : 3.2 L/h
Oil capacity : 2. 5 Lt
Alternator : SINCRO, with brushes
Number of Poles : 2
Number of Phases : 3
Welding voltage : 21.5 - 28.8 V
Power consumption : 11. 5 hp / 8.5 KW
Tension regulation : Compound
Width : 1100 mm
Length : 650 mm
Height : 800 mm
Weight : 240 Kg

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Images is technical data are not binding and may be subject to revision by supplier.

Product features:

Phase: Three phase
Maximum power single phase (KW): 3.2
Maximum power single phase (KVA): 4
Maximum power three phase (KW): 6.8
Maximum power three phase (KVA): 8.5
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 230 / 400
Sockets configuration: 1 x 230 V 3P CEE + 1 x 400 V 5P CEE
Engine: Lombardini 12LD477/2
Engine rpm (rpm): 3000
Starting system: Electric
Engine capacity (cm³): 594
Number cylinders: 2
Oil capacity (L): 2.5
Cooling: Air
Alternator: With brushes



Poles: 2

Welding current (A): 220-170 A al 35%/60%

Welding voltage min/max (V): 21.5 / 28.8

Fuel tank capacity (L): 7

Consumption (L/h): 3.2 al 75% del carico

Running time (h): 2.2

Acoustic pressure: 77 dB(A) at 7 m

Length (mm): 650

Width (mm): 1100

Height (mm): 800

Dry weight (Kg): 240

Silenced: No

Super silenced: No

