



# BERTOLI 15CAR55T CARDAN GENERATOR



## Product description:

### **BERTOLI 15CAR55T PTO GENERATOR**

Generator Threephase cardan BERTOLI 15CAR55T capable of delivering a power of 50 KVA with tractor connection of 1500 rpm.

The cardan generator BERTOLI 15CAR55T has a voltage of 400 V and a frequency of 50 Hz. The BERTOLI 15CAR55T cardan generator is equipped with a MECC ALTE alternator complete with AVR voltage regulator. The AVR regulator allows to stabilize the voltage and avoid damage to the connected sensitive devices.

The BERTOLI 15CAR55T generator is very reliable as it has been built and designed using high quality materials.

Gimbal generator easy to transport, install and position thanks to its compact size.

These compact, rugged and easy-to-use gensets come complete with a 3-point hitch base for secure attachment to any tractor.

Power transmission is via the universal joint (not included), which is connected to the genset multiplier.

The voltage regulator, applied to synchronous current generators, has as its objective the maintenance of a constant operation of the machine, in its regime of greater efficiency. Generally, this means maintaining the power factor at values close to 1, but if the synchronous machine is also used to phase-shift other users in the same settlement, these values may vary.

#### **Technical characteristics of the generator BERTOLI 15CAR55T:**

Phase type: Singlephase / Threephase

Maximum singlephase output: 13 KW

Maximum singlephase output: 16 KVA

Maximum threephase power: 40 KW



Maximum threephase power: 50 KVA

Frequency: 50 Hz

Voltage: 400 V

Power Factor: 0,8

Motor Power: 100 HP

Motor RPM: 1500 rpm

Alternator: Self-excited without brushes

Alternator Brand: MeccAlte

Alternator Model: ECP32

Regulator: AVR

Number of poles: 4

Current: 95 A

Mechanical protection: IP23

Length: 1100 mm

Width: 900 mm

Height: 1100 mm

Dry weight: 350 Kg

### **Equipment:**

- Gears multiplier
- Socket panel
- 1 x 125A 5P
- 1x 16A 3P
- Int MT and Diff
- Voltmeter
- Frequency Meter
- Amperometer

If you are looking for a cardan generator with different features, then we recommend that you browse our catalog of [cardan generators](#) to find the one that comes closest to your needs.

Images and technical data are not binding.

### **Product features:**

Phase: Single phase / Three phase

Maximum power single phase (KW): 13

Maximum power single phase (KVA): 16

Maximum power three phase (KW): 40

Maximum power three phase (KVA): 50

Frequency (Hz): 50

Voltage (V): 230 / 400



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Sockets configuration: 1 x 400V 32A 5P CEE - 1 x 230V 16A 3P CEE

Engine rpm (rpm): 1500

Alternator: MECC ALTE ECP32

Poles: 4

Protection degree: IP23

Required tractor power: 100 CV

Length (mm): 1100

Width (mm): 900

Height (mm): 1100

Dry weight (Kg): 350

Silenced: No

Super silenced: No

Voltage regulator: AVR

