

# MECC ALTE ECP34-2S/2 THREE PHASE ALTERNATOR 125 KVA AVR



## Product description:

MECC ALTE ECP34-2S/2 THREEPHASE ALTERNATOR 125 KVA DSR

Alternator MECC ALTE ECP34-2S/2 threephase with a power of 125KVA, this unit has a Brushless self-exciting and self-regulating operation equipped with voltage regulator **DSR**.

The MECC ALTE ECP34-2S/2 alternators are self-regulating, 2-pole brushless. They are equipped with a rotating inductor provided with a damping cage and a fixed armature with inclined slots. The windings have a shortened pitch to reduce the harmonic content.

Tests for electromagnetic compatibility have been carried out in compliance with the conditions prescribed by the standards, with the neutral connected to earth. Executions in accordance with other specifications can be carried out at the customer's request.

The mechanical structure of the ECP34-2S/2 alternator, which is always very robust, allows easy access to the connections and enables the various components to be checked just as easily. The casing of the MECC ALTE is in cast iron, the shaft in C45 steel with splined fan. The degree of protection is IP23 (a higher degree of protection is possible on request).

The high quality bi-component insulating resin used by Mecc Alte ECP34-2S/2, is a polyester specially developed for use in vacuum or dip and drip impregnation machines. It has superior adhesion strength characteristics, high chemical and humidity resistance and is suitable for use up to 212° C.

The ECP34-2S/2 alternators conform to the Italian CEI 2-3 file 11111 . This corresponds to the European EN 60034-1 and the international standard IEC 60034-1, is linked to the British BS 4999 Part 101, is equivalent to the German VDE 0530 Part 1 and is included in the French NF 51.111.

TECHNICAL FEATURES MECC ALTE ALTERNATOR ECP34-2S/2

Phase Type: SinglePhase / ThreePhase

Maximum SinglePhase Output:

(50Hz) 83KVA / 83KW

(60Hz) 99KVA / 99KW

Continuous SinglePhase Output:

(50Hz) 74.6KVA / 74.6KW

(60Hz) 89.1KVA / 89.1KW

Maximum threephase output:

(50Hz) 125KVA / 100KW

(60Hz) 150KVA / 120KW

Continuous threephase output:

(50Hz) 113KVA / 90.4KW

(60Hz) 135KVA / 108KW

Frequency: 50 / 60 Hz

Voltage: 230 / 400 V

Degree of protection: IP23

Alternator revolutions: 3000 rpm

Number of poles: 2

Efficiency: 90.7%

Width: 417 mm

Length: 817.5 mm

Height: 743 mm

Weight: 403 kg

Constant speed alternator

Brushless

Voltage regulator: AVR

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### Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 83 (50Hz) - 99 (60Hz)

Continuous power single phase (KW): 74.6 (50Hz) - 89.1 (60Hz)

Maximum power single phase (KVA): 83 (50Hz) - 99 (60Hz)

Continuous power single phase (KVA): 74.6 (50Hz) - 89.1 (60Hz)

Maximum power three phase (KW): 100 (50Hz) - 120 (60Hz)

Continuous power three phase (KW): 90.4 (50Hz) - 108 (60Hz)

Maximum power three phase (KVA): 125 (50Hz) - 150 (60Hz)

Continuous power three phase (KVA): 113 (50Hz) - 135 (60Hz)

Frequency (Hz): 50 / 60

Voltage (V): 230 / 400

Engine rpm (rpm): 3000

Poles: 2

Single-phase power (KVA): 99

Three-phase power (KVA): 150

Efficiency (%): 90.7

Protection degree: IP23

Acoustic pressure: 77 dB(A) at 7 m

Length (mm): 417

Width (mm): 817.5

Height (mm): 743

Dry weight (Kg): 403

Brushes: No

PMG: No

Type of alternator: Constant Speed

Voltage regulator: AVR

Weight (Kg): 225