



MECC ALTE ECP32-L/2 C-TYPE THREE PHASE ALTERNATOR 82 KVA AVR

Reference: ECP32-L/2 C-TYPE

MECC ALTE ECP32-M/2 C-TYPE THREEPHASE ALTERNATOR 66 KVA DSR

Alternator MECC ALTE ECP32-M/2 C-TYPE threephase with a power of 66KVA, this unit has a Brushless self-exciting and self-regulating operation equipped with **DSR** voltage regulator.

The alternator ECP32-L/2 is complete with self-regulation which is achieved by means of a digital electronic regulator powered by an auxiliary winding.

The MECC ALTE ECP32-L/2 alternator is ruggedly designed to meet industry requirements and the most demanding technological specifications needed in various applications. They are available as a bearing in single or double bearing configuration.

The ECP32-L/2 alternator consists of a fixed stator with inclined slots and a rotating inductor. In addition, models above 15 KVA are equipped with a damping cage as standard.

The high-quality two-component insulating resin used by Mecc Alte ECP32-L/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 moisture resistance, and is suitable for uses up to 212°C.

MECC ALTE ECP32-L/2 alternators comply with Italian CEI 2-3 file 11111. This corresponds to the European standard EN 60034-1 and the international standard IEC 60034-1, is linked to the British standard BS 4999 Part 101, is equivalent to the German standard VDE 0530 Part 1 and is included in the French standard NF 51.111.

TECHNICAL CHARACTERISTICS MECC ALTE ALTERNATOR ECP32-M/2 C-TYPE

Phase Type: SinglePhase / ThreePhase

Maximum SinglePhase Output:

(50Hz) 54KVA / 54KW

(60Hz) 65KVA / 65KW

Continuous SinglePhase Output:

(50Hz) 48.8KVA / 48.8KW

(60Hz) 58.5KVA / 58.5KW

Maximum ThreePhase Output:

(50Hz) 82KVA / 65.6KW

(60Hz) 98.5KVA / 78.8KW

Continuous threephase output:

(50Hz) 75KVA / 60KW

(60Hz) 90KVA / 72KW

Frequency: 50 / 60 Hz

Voltage: 230 / 400 V

Degree of protection: IP23
 Alternator turns: 3000 rpm
 Number of poles: 2
 Efficiency: 89%
 Width: 553mm
 Length: 743.5mm
 Height: 542.7 mm
 Weight: 231 Kg
 Constant speed alternator
 Brushless
 Voltage regulator: AVR

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Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	54 (50Hz) - 65 (60Hz)
Continuous power single phase (KW)	48.8 (50Hz) - 58.5 (60Hz)
Maximum power single phase (KVA)	54 (50Hz) - 65 (60Hz)
Continuous power single phase (KVA)	48.8 (50Hz) - 58.5 (60Hz)
Maximum power three phase (KW)	65.6 (50Hz) - 78.8 (60Hz)
Continuous power three phase (KW)	60 (50Hz) - 72 (60Hz)
Maximum power three phase (KVA)	82 (50Hz) - 98.5 (60Hz)
Continuous power three phase (KVA)	75 (50Hz) - 90 (60Hz)
Frequency (Hz)	50 / 60
Voltage (V)	230 / 400
Engine rpm (rpm)	3000
Poles	2
Single-phase power (KVA)	65
Three-phase power (KVA)	98.5
Efficiency (%)	89
Protection degree	IP23
Acoustic pressure	77 dB(A) at 7 m
Length (mm)	553
Width (mm)	743.5
Height (mm)	542.7
Dry weight (Kg)	231
Brushes	No
PMG	No

Type of alternator	Constant Speed
Voltage regulator	AVR
Weight (Kg)	225
