



MECC ALTE ECP32-1S/2 C-TYPE THREE PHASE ALTERNATOR 44 KVA AVR

Reference: ECP32-1S/2C SAE3 d6.5

MECC ALTE ECP32-1S/2 C-TYPE THREEPHASE ALTERNATOR 44 KVA DSR

Alternator MECC ALTE ECP32-1S/2 C-TYPE with an output of 44KVA, this unit has a self-exciting and self-regulating Brushless operation equipped with **DSR** voltage regulator.

The alternator ECP32-1S/2 is complete with self-regulation which is achieved by means of a digital electronic regulator powered by an auxiliary winding.

The MECC ALTE ECP32-1S/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. To couple them to a main engine, you can choose from a wide range of flanges and fittings.

The MECC ALTE ECP32-1S/2 alternator consists of a fixed stator with slotted slots and a rotating inductor. In addition, models above 15 KVA are equipped with a damping cage as standard. All alternator windings have a 2/3 pitch in order to reduce harmonic content.

MECC ALTE ECP32-1S/2 alternators comply with Italian standard CEI 2-3 file 11111. This standard corresponds to the European EN 60034-1 and the international 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 ECP32-1S/2 C-TYPE

Phase Type: SinglePhase / ThreePhase

Maximum SinglePhase Output:

(50Hz) 29 KVA / 29 KW

(60Hz) 35 KVA / 35 KW

Singl Phase Continuous Output:

(50Hz) 26.4 KVA / 26.4 KW

(60Hz) 31.7 KVA / 31.7 KW

Maximum thre-phase output:

(50Hz) 44 KVA / 35.2 KW

(60Hz) 53 KVA / 42.4 KW

ThreePhase Continuous Output:

(50Hz) 40 KVA / 32 KW

(60Hz) 48 KVA / 38.4 KW

Frequency: 50 / 60 Hz

Voltage: 230 / 400 V

Degree of Protection: IP23

Alternator revolutions: 3000 rpm

Number of Poles: 2

Efficiency: 87.4%
 Width: 542.7 mm
 Length: 613.5 mm
 Height: 542.7 mm
 Weight: 173 Kg
 Constant speed alternator
 Brushless
 Voltage regulator: AVR

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Images and technical data are not binding and subject to changes by the manufacturer

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	29 (50Hz) - 35 (60Hz)
Continuous power single phase (KW)	26.4 (50Hz) - 31.7 (60Hz)
Maximum power single phase (KVA)	29 (50Hz) - 35 (60Hz)
Continuous power single phase (KVA)	26.4 (50Hz) - 31.7 (60Hz)
Maximum power three phase (KW)	35.2 (50Hz) - 42.4 (60Hz)
Continuous power three phase (KW)	32 (50Hz) - 38.4 (60Hz)
Maximum power three phase (KVA)	44 (50Hz) - 53 (60Hz)
Continuous power three phase (KVA)	40 (50Hz) - 48 (60Hz)
Frequency (Hz)	50 / 60
Voltage (V)	230 / 400
Engine rpm (rpm)	3000
Poles	2
Single-phase power (KVA)	35
Three-phase power (KVA)	53
Efficiency (%)	88.9
Protection degree	IP23
Acoustic pressure	77 dB(A) at 7 m
Length (mm)	658
Width (mm)	392
Height (mm)	606
Dry weight (Kg)	173
Brushes	No
PMG	No
Type of alternator	Constant Speed

Voltage regulator	AVR
Weight (Kg)	225
