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PIVA 09031950018 - Num. REA: 1020262
SDI 5RUO82D Cap. Soc. € 20.000 I.V

MECC ALTE ECO38 2L/4 C-TYPE 350KVA THREEPHASE ALTERNATOR

Reference: ECO38-2L/4 C-TYPE

MECC ALTE ECO38 2L/4 C-TYPE THREEPHASE 350KVA ALTERNATOR WILL AVR

The alternator MECC ALTE ECO38 2L/4 C-TYPE threephase is capable of delivering a power of 350KVA complete with AVR digital voltage regulator.

The robust construction of the ECO38 2L/4 alternator can withstand up to 5G in any direction and 9G vertically. Its design allows easy access to connections and components during routine maintenance checks. The mechanical design has used the most advanced FEM Techniques.

The materials used for the construction of the alternator of 350KVA structure are: FEP12 steel for the frame, C45 steel for the shaft and cast iron or pressure die-cast aluminum for the end supports: the fans are made of die-cast aluminum or fiberglass reinforced nylon, materials conforming to UL standards. The rotors are dynamically balanced according to grade 2.5 of ISO 1940-1.

In addition to the protection on the same windings, the MECC ALTE ECO38 2L/4 alternator can have a higher protection at the inlet. The standard levels are IP23 with further updates available to include input filters, IP43 and IP45: 7%.
Input filters and IP43 are subject to de-rating. 20-30% de-rating applies for IP45 depending on model.

The ECO38 2L/4 of 350KVA is supplied with TOTAL+ treatment, this is a treatment that offers superior performance when the environment is really difficult, or the application is very demanding. TOTAL+ a rubbery treatment, used to replace the encapsulation of epoxy and silicone windings.

The alternator 350KVA is designed and manufactured in ISO 9001 environment. The whole series is manufactured according to the most common specifications such as CEI 2-3, IEC 34-1, EN 60034-1, VDE 0530, BS 4999-5000, NF 51.111, CAN/CSA-C22.2 No14-95-No100-95, NEMA MG 1-2011, ISO 8528-3. Other standards such as UL1446, UL 1004/4 and /B are available upon request.

TECHNICAL CHARACTERISTICS MECC ALTE ECO38 2L/4 C-TYPE 350KVA

Phase Type: SinglePhase / ThreePhase
Maximum ThreePhase Power: 370KVA / 296KW
ThreePhase Continuous Use Power: 350KVA / 280KW
Maximum SinglePhase Power: 170KVA / 170 KW
SinglePhase Continuous Use Power: 156KVA / 156KW
Frequency: 50 - 60 Hz
Voltage: 230 V / 400 V
Protection class: IP23
Alternator speeds: 1500 / 1800 rpm
Number of poles: 4
Efficiency: 93.7%
Width: 602. 6 mm
Length: 1096 mm

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Height: 824 mm
Weight: 895 Kg
Constant speed alternator
Brushless
Voltage regulator: DSR (AVR)

Are you looking for an alternator with different characteristics? HERE you can find the whole MECC ALTE range and other specialized brands

Images and technical data are not binding.

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	170
Continuous power single phase (KW)	156
Maximum power single phase (KVA)	170
Continuous power single phase (KVA)	156
Maximum power three phase (KW)	296
Continuous power three phase (KW)	280
Maximum power three phase (KVA)	370
Continuous power three phase (KVA)	350
Frequency (Hz)	50 / 60
Voltage (V)	230 / 400
Engine rpm (rpm)	1500 / 1800
Poles	4
Single-phase power (KVA)	170
Three-phase power (KVA)	370
Efficiency (%)	93.7
Protection degree	IP23
Brushes	No
PMG	No
Type of alternator	Constant Speed
Voltage regulator	AVR
Weight (Kg)	895