




TYPE EXAMINATION CERTIFICATE

For Category 3 Equipment



Certificate No.	:	10.16.1404
Applicant	:	TECHTOP (Shanghai Top Motor Co., Ltd.) No. 303, Kangliu Road, Kangqiao Town, Pudong, Shanghai, China
Manufacturer	:	Same as applicant
Report No.	:	80089532
Product Description	:	Electric Motor
Type(s)/Model(s)	:	T and M series (T1A, T2A, T3A, T4A, T5A, MS, MS2, MY/MYT, MY2/MYT2, MC/MC2, ML/ML2 and their respective variants aluminium housing motors; T1C, T2C, T3C, T4C, T5C and their respective variants cast iron housing motors)
Equipment Marking:	:	 II 3 G Ex ec IIC T4 Gc II 3 D Ex tc IIIC T125°C Dc

1. Eurocert S.A., certifies that this equipment fulfils the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres and submitted to the Annex VIII of the Directive. These requirements are described in the Annex II of the Directive 2014/34/EU of the 26 February 2014.
2. The respect of the Essential Health and Safety Requirements is ensured by client concerning EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018, EN 60079-31:2014
3. This TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
4. The results of the above examination of the technical files were satisfactory. Therefore, the manufacturer, under his own responsibility, after drawing up the necessary by the Directive written EU Declaration of Conformity, may affix to the equipment the above marking.
5. The manufacturer remains solely responsible for maintaining the technical files for at least 10 years after placing the equipment to the EU market. The manufacturer shall inform EUROCERT S.A. in case any of the equipment design parameters are changed. Failure to do so deems this certificate invalid.

Date issued: **23/08/2023**

Valid until: **22/08/2033**

On behalf of EUROCERT S.A.


GEORGE N. SIFONIOS
Director of International Markets

Check the validity of the Attestation by scanning the QR code at right.

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6. Description of equipment

Motors are designed as being increased safety, Ex ec and Protected by enclosure, Ex tc.
Motors are brushless and built into closed housing with termination compartment, all designed in aluminium, alloy or cast iron, T1, T2 and MS motor series are technical identical but with different efficiency.

Motors are available in: IE1, IE2, IE3, IE4, IE5

Type key: T1A, T2A, T3A, T4A, T5A, MS, MS2, MY/MYT, MY2/MYT2, MC/MC2, ML/ML2, T1C, T2C, T3C, T4C, T5C and their respective variants

Technical data: 110/230/400/690 Vac 50 Hz, 110/276/480/828 Vac 60 Hz

Permissible range of ambient temperature: -20°C to +40°C



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