



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

EU TYPE-EXAMINATION CERTIFICATE FOR SAFETY COMPONENTS
ACCORDING TO EUROPEAN LIFT DIRECTIVE 2014/33/EU ANNEX IV (MODULE B)

| | |
|---|--|
| Certificate Number: | SCMB.0143 |
| Certificate Expiry Date: | 16/05/2028 |
| Applicant/Certificate Holder (Name & Address): | Zhejiang MATO Drive Equipment CO., LTD. / No. 2688 Nianfeng West Road, Nanxun Town, Huzhou City, Zhejiang Province, China |
| Manufacturer (Name & Address): | Same as applicant |
| Date of Submission: | 14/05/2018 |
| Test Laboratory (Name & Address): | Shanghai Jiao Tong University Elevator Test Center / No. B of Advanced Manufacture Building, School of Mechanical Engineering, No. 800 Dongchuan Road Shanghai, P.R. China |
| Date and Number of test report: | 27/12/2017 No.ETC17F380080(1) 23/04/2018 No.ETC18F380090 |
| Approved Type of UCM protection means: | Braking Device as part of the Unintended Car Movement Protection Means |
| Application: | Acting on the outside surface of the motor rotor |
| Models: | MEKB(2x710), MEKB(2x850) |
| Drawing Number (attached to this certificate): | MTA20236F, MTA20236J |
| Standard(s): | EN81-50:2014 |
| Reference Standard(s) | EN 81-20:2014 |

EUROCERT SA, aforementioned notified body with identification number 1128, ascertains and certifies that above safety component satisfy the safety requirements of the European Directive 2014/33/EU.

The manufacturer is authorized to provide the safety component described above with the CE Mark as displayed below:

CE 1128

Preconditions:

It is required that the above safety equipment must always come with a declaration of conformity and the relevant instructions of use.

Athens, 17/05/2018

INSPECTOR

Chad Wang

CHAD WANG



FOR EUROCERT SA

Konstantinos Psychogios
Konstantinos Psychogios
Construction Products and Laboratories
Manager

Please check the validity of the certificate from our website using the password **ya6kTv8y**



Inspections
Cert No.: 53

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Page 1 of 4



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

ANNEX A TO CERTIFICATE SCMB.0143

TECHNICAL DESCRIPTION

| | | | |
|--|---|--|-----------------------|
| Product Name/ Product Type / Models | : | <i>Braking Device as part of the Protection Device against Unintended Car Movement/ MEKB(2x710), MEKB(2x850)</i> | |
| Type of Application | : | <i>Braking Device acting on the outside surface of the motor rotor</i> | |
| Model | : | <i>MEKB(2x710)</i> | <i>MEKB(2x850)</i> |
| System mass ranges | : | <i>1350~3600 (Kg)</i> | <i>1350~3600 (Kg)</i> |
| Rated Load | : | <i>320~1050(Kg)</i> | <i>320~1050(Kg)</i> |
| Nominal Brake Torque | : | <i>2x710(Nm)</i> | <i>2x850(Nm)</i> |
| Max. Air Gap: | : | <i>0.40(mm)</i> | <i>0.40(mm)</i> |
| Max. Response Time: | : | <i>138(ms)</i> | <i>142(ms)</i> |
| Diameter of break wheel | : | <i>500(mm)</i> | <i>500(mm)</i> |
| Every Safety Component must be labeled with the following information | : | <i>Manufacturer's Name Safety Components Type</i> | |



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ANNEX B TO CERTIFICATE SCMB.0143

TECHNICAL DRAWINGS

MEKB(2x710)

| | | | | | | | | | | | | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| AKM | ±0.03 | ±0.04 | ±0.05 | ±0.06 | ±0.07 | ±0.08 | ±0.09 | ±0.10 | ±0.11 | ±0.12 | ±0.13 | ±0.14 | ±0.15 | ±0.16 | ±0.17 | ±0.18 | ±0.19 | ±0.20 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

Skills requirement
1 Protect the surface during assembly
to avoid scratching

| | | | | | | | | |
|----|----|------|------|-----|----|----|-----|------|
| 零件 | 数量 | 装配位置 | 装配日期 | 零件号 | 工艺 | 检验 | 检验人 | 检验日期 |
| | | | | | | | | |

| | | | |
|------------------------------|--------------------------------------|-------------------|--------------|
| product ID number: HTA20236F | | 1 | 2 |
| Remarks | | 2495 | |
| Serial number | product name | product ID number | left / right |
| 1 | Loose handle | HTA500B1 | 1 / 1 |
| 2 | Cross slotted head screw/B7/10x16x22 | HTA500B1 | 2 / 2 |
| 3 | Switchgear assembly | HTA500C1 | 1 / 1 |
| 4 | Cross slotted head screw/B7/10x16x22 | HTA500C1 | 2 / 2 |
| 5 | Ballon ball assembly | HTA500A1 | 4 / 4 |
| 6 | Armature module | HTA500F1 | 1 / 1 |
| 7 | Microwitch module | HTA500B2 | 1 / 1 |
| 8 | Nut | BB/1512/LNH/2 | 2 / 2 |
| 9 | washer | GB/739/10 | 1 / 1 |
| 10 | Flat washer | GB/752/10 | 2 / 2 |
| 11 | Iron core with coil | HTA500A1 | 1 / 1 |
| 12 | Brake spring | HTA500C1 | 10 / 10 |

HTA20236F
Bike
Zhejiang Heta Drive
Equipment Co., Ltd



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EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

ANNEX B TO CERTIFICATE SCMB.0143

TECHNICAL DRAWINGS

MEKB(2x850)

| | | | | | | | | | | | |
|-----------|------|------|------|-------|------|------|------|-------|------|------|------|
| ΑΝΘΡΩΠΙΝΟ | ±0.3 | ±0.4 | ±0.5 | ±0.10 | ±0.3 | ±0.4 | ±0.5 | ±0.10 | ±0.3 | ±0.4 | ±0.5 |
| ΑΥΤΟΜΑΤΟ | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 |
| ΑΥΤΟΜΑΤΟ | ±0.3 | ±0.4 | ±0.5 | ±0.10 | ±0.3 | ±0.4 | ±0.5 | ±0.10 | ±0.3 | ±0.4 | ±0.5 |
| ΑΥΤΟΜΑΤΟ | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 | ±0.1 |

Skills requirement:
Protect the surface during assembly
to avoid scratching

| Serial number | Remarks | product ID number | Lot | Qty |
|---------------|---------------------------|-------------------|-----|-----|
| 1 | Holder belt assembly | HTA281A1 | 1 | 2 |
| 2 | Assembling module | HTA281A2 | 1 | 1 |
| 3 | Need cog screw | GB/T7712 | 2 | 2 |
| 4 | Coax green screw | GB/T7712 | 2 | 2 |
| 5 | Flat washer | GB/T7712 | 2 | 2 |
| 6 | Microswitch module | HTA281A3 | 1 | 1 |
| 7 | Loose handle | HTA281A4 | 1 | 1 |
| 8 | Spring | HTA281A5 | 1 | 1 |
| 9 | Flat cushion | GB/T7712 | 1 | 1 |
| 10 | Nut | GB/T6170 | 2 | 2 |
| 11 | Bit | HTA281A6 | 1 | 1 |
| 12 | Washer | GB/T7712 | 1 | 1 |
| 13 | Iron core with coil | HTA281A7 | 1 | 1 |
| 14 | Switchgear assembly | HTA281A8 | 1 | 1 |
| 15 | Single head copper pillar | HTA281A9 | 2 | 2 |
| 16 | Elastic cylindrical pin | GB/T7712 | 2 | 2 |
| 17 | Brake spring | HTA281A10 | 4 | 4 |
| 18 | Brake spring | HTA281A11 | 4 | 4 |

| | |
|-----------------------------|----------|
| Product ID number: HTA281A1 | 2x15 |
| Serial number | 1 |
| Product name | HTA281A1 |
| Lot | 1 |
| Qty | 2 |

MFA20235J
ΕΡΓΑΛΕΙΑ
Εξοπλισμός
Επιπλέον Μηχ. Συσκευών
Κατασκευαστής: Κοιλάκης
Κατασκευαστής: Κοιλάκης

Toshami Kato Drive
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