



中国认可
国际互认
检测
TESTING
CNAS L1061



Type Test Certificate for Special Equipment (Lifts)

Certificate Number: TSX F35002220220048

Applicant: ZheJiang MATO Drive Equipment Co.,Ltd.
Registered address of applicant: No. 188, Yanghua road, Nanxun Town, Nanxun District, Huzhou City, Zhejiang Province
Manufacturer: ZheJiang MATO Drive Equipment Co.,Ltd.
Registered address of manufacturer: No. 188, Yanghua road, Nanxun Town, Nanxun District, Huzhou City, Zhejiang Province
Category of equipment: Lift safety protection components
Type of equipment: Ascending car overspeed protection means
Name of product: Ascending car overspeed protection means
Model of product: MEKB
Type test report No.: ETC22F350048

After type test, it is confirmed that the product complies with the requirements of TSG T7007-2022 *Regulation for Type Test of Lifts*、GB/T 7588.1-2020、GB/T 7588.2-2020、ISO 8100-1:2019、ISO 8100-2:2019、EN 81-20:2014 (EN 81-20:2020)、EN 81-50:2014 (EN 81-50:2020) .

Applicable product model(s) of the certificate: MEKB

See appendix for applicable product parameters and configuration of the certificate.

(Stamp of organ)

Issue date: 2022-11-29

Revision date: 2024-03-01

Revalidation date: before 2026-11-29

Shanghai Jiao Tong University Elevator Test Center

Note:

1. The applicant has responsibilities to ensure that the products conform to the requirements of the safety technical specifications and relative standards, and to ensure that the quality and safety performance of products are consistent with the tested sample mentioned above.
2. This certificate is not applicable to product manufactured after the revalidation date.
3. If this certificate is revised, the validity period of the certificate remains unchanged.

Appendix

Applicable Product Parameters and Configuration

| | | | | |
|---|--|--------------------------------|---|-------------------------|
| Range of the permissible system mass | 3370~10030(kg) | Range of the rated loads | 1600~3000(kg) | |
| Rated speeds | ≤3.0m/s | Reeving factor | 2:1 | |
| Type of speed reducing elements | Traction machine brake | Anti-mechanical spark measures | N/A | |
| Position which the means act on | The traction sheave | Tripping mode | Electric switches of the overspeed governors, Activated after power off | |
| Speed reducing elements acting on guide rails | Type of elastic elements | N/A | | |
| | Type of gripping (braking) elements | N/A | Material of gripping (braking) elements | N/A |
| | Quantity of gripping (braking) elements | N/A | Dimensions of gripping (braking) friction surface | N/A |
| | Applicable hardness of guide surface of guide rails | N/A | Applicable width of guide surface of guide rails | N/A |
| | Applicable processing method of guide surface of guide rails | N/A | Applicable lubrication of guide surface of guide rails | N/A |
| | Applicable material of guide rail | N/A | | |
| Rope grippers | Type of elastic elements | N/A | Type of friction elements | N/A |
| | Material of friction elements | N/A | Release mode | N/A |
| Traction machine brakes | Quantity and structure | 2, Block | Material of friction elements | Asbestos free composite |
| | Type of elastic elements | Cylindrical coil spring | | |

Notes:

1. When the parameter range and configuration listed in the appendix are changed, the type test shall be conducted again.

2. When the rope grippers and traction machine brakes are used for other reeving factors, the applicable range of system masses, rated loads and rated speeds of the elevator can be directly calculated according to the actual reeving factor.

(1) Applicable system mass = testing system mass × actual reeving factor ÷ testing reeving factor;

(2) Applicable rated load = testing rated load × actual reeving factor ÷ testing reeving factor;

(3) Applicable rated speed = testing rated speed × actual reeving factor ÷ testing reeving factor.

Revision Description:

Revision of Type Test Certificate

| No. | Item | Original description | Revised description | Revision date |
|-----|------------------------------------|--|---|---------------|
| 1 | Registered address of applicant | Workshop 4, No. 188, Yanghua Village, Nanxun Town, Nanxun District, Huzhou City, Zhejiang Province | No. 188, Yanghua road, Nanxun Town, Nanxun District, Huzhou City, Zhejiang Province | 2024-03-01 |
| 2 | Registered address of manufacturer | Workshop 4, No. 188, Yanghua Village, Nanxun Town, Nanxun District, Huzhou City, Zhejiang Province | No. 188, Yanghua road, Nanxun Town, Nanxun District, Huzhou City, Zhejiang Province | 2024-03-01 |