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NETEC
建研检测

Type Test Certificate for Special Equipment (Lift)

Certificate No. TSX F35001420230137

Applicant: Shenyang Bluelight Drive Technology Co., Ltd.
Address of applicant: NO.37 Shiji Road, Hunnan New District, Shenyang, China
Manufacturer: Shenyang Bluelight Drive Technology Co., Ltd.
Address of manufacturer: NO.37 Shiji Road, Hunnan New District, Shenyang, China
Category of equipment: Lift safety protection component
Type of equipment: Ascending car overspeed protection means
(Speed reducing elements)
Name of product: Traction machine brake
Model of product: DZE
Type test report No.: T14-F350-23-137

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

Applicable product model of the certificate: DZE.

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

Issue date: 2023-08-14

Review date: before 2027-08-14

NETEC Inspection and Testing (Beijing) Co., Ltd.

National Elevator Inspection and Testing 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 review date.

Appendix

Applicable Parameters Range and Configuration of Lift Ascending Car Overspeed Protection Means (Speed Reducing Elements)

System total mass range	1400 kg~7800 kg	Rated load range	450 kg~2000 kg
Type of the brake components	Brake arm drum type	Rated speed range	0.50 m/s~4.00 m/s
Quantity	2 sets	Action position	Traction sheave
Anti-mechanical spark measures	Nothing	Type of elastic element	Helical spring
Tripping mode	Trigger when losing power	Friction Element of material	Non asbestos rubber sheet carbon fiber
Range of inclination angle applicable to inclined lift		/	
<p>Note: the suspension ratio of the sample during the type test is 2:1. When used for other suspension ratios, the applicable system mass, rated load and rated speed can be converted according to the actual suspension ratio according to the following formula:</p> <p>(1) System quality application range = type test system quality range × actual suspension ratio ÷ suspension ratio of type test;</p> <p>(2) Application range of rated load = rated load range of type test × actual suspension ratio ÷ suspension ratio of type test;</p> <p>(3) Application range of rated speed = rated speed range of type test ÷ actual suspension ratio × type test suspension ratio.</p>			

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