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Type Test Certificate for Special Equipment (Lift)

Certificate No. TSX B37001420260040

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 major component
Type of equipment: Driving machine
Name of product: Lift traction machine
Model of product: WYT-K
Type test report No.: T14-B370-26-040

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: WYT-K.

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

Issue date: 2026-08-04

Review date: before 2030-08-04

Issue date of the English version: 2026-08-06

National Elevator Inspection and Testing Center

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

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.

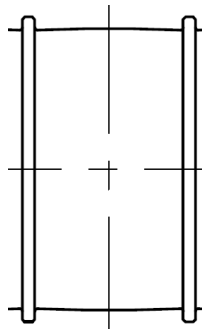
2. This certificate is not applicable to product manufactured after the review date.

Appendix

Applicable Parameters Range and Configuration of Driving Machine

Rated power of motor	≤33 kW
Rated speed of driving machine	≤5.00 m/s
Drive mode	Traction drive
Structure type of driving machine	Horizontal type, gearless, driving sheave is supported in two ends, the output shaft is supported in two points
Numbers and structure type of brake	2 sets, disc type
Structure type of motor	Three-phase AC permanent magnet synchronous inner rotor
Action position of brake	Traction sheave shaft
Structure type of gear reducer	/
Material of transmission interface	/
Center (cone) distance of gear reducer	/
Shaft angle of gear reducer	/
Centerline height of output shaft (applicable to machine without gear reducer)	165 mm
Explosion protection type of motor	/
Explosion protection grade of motor	/
Explosion protection type of brake	/
Explosion protection grade of brake	/
Shape of traction surface (applicable to coated belt)	Drum shaped, see attached figure
Material mark of traction surface coating or plating (applicable to coated belt)	Coating material name: Chromium Brand: Cr
Minimum angle between fixed bottom and horizontal plane (applicable to machine with drum type brake and tilting arrangement)	/
Note: The rated speed of the Lift traction machine v_{machine} is the linear speed of the traction sheave of the driving machine, and the relationship between the rated speed of the lift v_{lift} and the lift suspension ratio i is: $v_{\text{machine}} = v_{\text{lift}} \times i$.	

Attached figure:



Schematic figure of traction surface shape

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