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**NETEC**  
建研检测

# Type Test Certificate for Special Equipment (Lift)

**Certificate No. TSX B37001420230228**

**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-Y  
**Type test report No.:** T14-B370-23-228

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-Y.

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 Driving Machine

Rated power of motor	$\leq 54.9$ kW
Rated speed of driving machine	$\leq 8.00$ m/s
Drive mode	Traction drive
Structure type of driving machine	Horizontal type, no reducer device, driving sheave cantilever support, the output shaft is supported in two points
Numbers and structure type of brake	2 sets, brake arm drum type
Structure type of motor	Three phase AC permanent magnet synchronous inner rotor
Action position of brake	Traction sheave
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)	330 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)	/
Material mark of traction surface coating or plating (applicable to coated belt)	/
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 driving 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: $v_{-machine} = v_{-lift} \times i$ .	

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