



# LIFT

No.TSX F35003820171161

Name of Applicant: SHENYANG BLUELIGHT DRIVE TECHNOLOGY CO., LTD.  
 Register Address of Applicant: NO.37, XINSHIJI ROAD, HUNNAN NEW DISTRICT, SHENYANG, CHINA  
 Name of Manufacturer: SHENYANG BLUELIGHT DRIVE TECHNOLOGY CO., LTD.  
 Manufacturing address: NO.37, XINSHIJI ROAD, HUNNAN NEW DISTRICT, SHENYANG, CHINA

Product category:	Lift Safety Protection Device	Equipment Type:	Lift Ascending Car Over speed Protection Means (speed reducing element)
Product Name:	Traction machine brake	Model/Type:	DZE
Initial Inspection Report No.	2017AF3606	The Verification Report No.	2021AF1324

With the type-test, it is confirmed that the product is in compliance with the regulations of Regulation for Type Test of Lifts (TSG T7007-2016 Including No.1 amending list).

The sample is in compliance with related regulations of GB 7588 -2 Safety Rules for the Construction and Installation of Electric Lifts (Including No.1 amending list) and EN 81-22014 as well as EN 81 -50:2

The certificate covers the following different products mentioned below: DZE

Please refer to the annex for the specific parameters and configuration about the covered products.

(Stamp)

Issued Date: 12-Dec-2017

Date for Recertification: 7-Dec-2021

Next Verification Before: 11-Dec-2023

Notes: 1. The contents of this certificate are based on the information provided by the applicant and do not constitute a warranty of any kind.

For more information, please contact us.

2. This certificate is valid for the products listed below.

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## TYPE-EXAMINATION CERTIFICATE ANNEXED TABLE (LIFT)

Certificate No.	TSX F35003820171161		
Equipment Type	Lift Ascending Car Overspeed Protection Means(speed reducing element)		
Product Name	Traction machine brake	Model/Type	DZE
No-load system mass range	1400 kg-7800 kg	Rated load range	450 kg-2000 kg
Structure type	External contacting electromagnetic drum	Rated speed range	0.50 m/s-4.0 m/s
Quantity	2	Working condition	Indoor
Explosion-proof method	Not applicable	Action part	Traction Sheave
Triggering Mode	Electric Trigger	Friction element material	Non-asbestos friction pad
Elastic element type	Cylindrical helical compression spring		
Self-monitoring configuration	As a part of self-monitoring, two microswitches installed in the brakes verify the action (lift up and release) of mechanical device. (Note: microswitches must pass 2 million reliability test. Meanwhile, type test report for related product should be provided)		

### Notes:

1. The range of the system mass, rated load and rated speed are determined according to the type-test sample with the suspension ratio of 2:1, the values of other actual suspension ratios can be obtained by the following formulas:

- 1 the applicable system mass = type-test system mass × actual suspension ratio / suspension ratio in type test;
- 2 the applicable rated load = type-test rated load × actual suspension ratio / suspension ratio in type test;
- 3 the applicable rated speed = type-test rated speed range × actual suspension ratio / suspension ratio in type test;