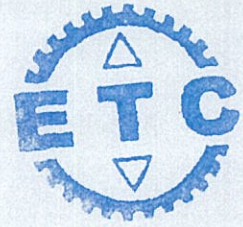




中国认可  
国际互认  
检测  
TESTING  
CNAS



# Type Test Certificate for Special Equipment (Lifts)

**Certificate Number: TSX F33002220160107**

<b>Applicant</b>	: Oleo Buffers (Shanghai) Co., Ltd.
<b>Registered address of applicant</b>	: Plant A15, Xinfei Garden No. 3802, Shengang Road, Songjiang, Shanghai
<b>Manufacturer</b>	: Oleo Buffers (Shanghai) Co., Ltd.
<b>Address of manufacturing</b>	: Plant A15, Xinfei Garden No. 3802, Shengang Road, Songjiang, Shanghai
<b>Classification</b>	: Safety device
<b>Varieties</b>	: Elevator buffers
<b>Product name</b>	: Hydraulic buffer
<b>Product type</b>	: MLB20.1
<b>Type test report number</b>	: ETC16F330107 (1).ETC19F330YZ009

The product meets the requirements of Regulation for Type Test of Lifts(TSG T7007-2016), GB 7588-2003+XG1-2015,EN81-20: 2014,EN81-50: 2014.

Product types covered by the certificate: See attached table.

Product parameter and configuration covered by the certificate see the table attached.

(Stamp)

**Date of submission:** 2017-03-01

**Date of change:** 2018-02-05

**Date of next replacement:** 2019-02-25

**Deadline of next check:** 2021-03-01

## Shanghai Jiao Tong University Elevator Test Center

**Note:1.** The applicant is responsible for confirming that the products comply with the regulation and correlative standard specifications and are in accordance with the sample for type test.

**2.** The certificate is valid before the deadline of next check.

**3.** Period of validity of the certificate is always calculated from the date of submission even if the certificate is modified.

Attached table

No. TSX F33002220160107

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### Product parameter and configuration table

Rated speed (m/s)	≤2.03m/s	Max. striking speed (m/s)	2.335m/s
Min. mass (kg)	450kg	Max. mass(kg)	5500kg
Max. stroke length (mm)	(280.3~285.1)mm	Type and volume of liquid (L)	ISO VG68#oil 2.18L
Current-limited mode	Thin wall hole	Reset mode	Inner gas spring
Environment	Indoor		

Notes to table attached:

1. When the parameter or configuration listed in the attached table has been changed, The type test must be done again.

Description of changes:

### Table of change of type test certificate

Number	Item	Before the change	After the change	Date of change
1	Max. stroke length (mm)	279.0mm	(280.3~285.1)mm	2018-02-05

