



Type Test Certificate for Special Equipment (Lifts)

Certificate Number: TSX F33002220160105

Applicant : Oleo Buffers (Shanghai) Co., Ltd.

Registered address of applicant : Plant A15, Xinfei Garden No. 3802, Shengang Road, Songjiang, Shanghai

Manufacturer : Oleo Buffers (Shanghai) Co., Ltd.

Address of manufacturing : Plant A15, Xinfei Garden No. 3802, Shengang Road, Songjiang, Shanghai

Classification : Safety device

Varieties : Elevator buffers

Product name : Hydraulic buffer

Product type : MLB32.1

Type test report number : ETC16F330105 (1).ETC19F330YZ007

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

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Product parameter and configuration table

Rated speed (m/s)	≤3.15m/s	Max. striking speed (m/s)	3.623m/s
Min. mass (kg)	450kg	Max. mass(kg)	5500kg
Max. stroke length (mm)	(680.3~685.1)mm	Type and volume of liquid (L)	ISO VG68#oil 5.19L
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)	679.0mm	(680.3~685.1)mm	2018-02-05