

EU-Baumusterprüfbescheinigung

nach EU Richtlinie für Aufzüge 2014/33/EU

Certificate of EU-Type Examination

according EU Directive for Lifts 2014/33/EU

Produkt / Product: Energieverzehrende Puffer
Energy dissipation buffers

Type / Type: MLB13.1, MLB16.1, MLB18.1, MLB20.1, MLB25.1, MLB32.1, MLB35.3, MLB40.3

Antragsdatum / Date of application:
08.10.2019

Bescheinigungsnummer / Certificate number:
TÜV-A-AT-1-19-0614-EUPU-1

Zugelassene Stelle / Approved body:
TÜV AUSTRIA SERVICES GMBH
Deutschstraße 10, A-1230 Wien
ID-Nr.: 0408

Bescheinigungsinhaber / Certificate holder:
OLEO International
Grovelands Estate, Longford Road, Exhall, Coventry
CV7 9NE, United Kingdom

Prüfstelle / Test laboratory:
TÜV AUSTRIA SERVICES GMBH
Deutschstraße 10
A-1230 Wien

Hersteller / Manufacturer:
Muster / Specimen:
OLEO International
Grovelands Estate, Longford Road, Exhall, Coventry
CV7 9NE, United Kingdom

Serienfertigung / Series production: Anhang 1 / Annex 1

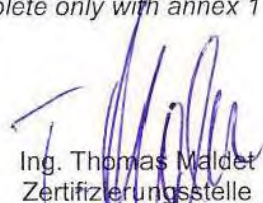
Prüfgrundlage:
Basis of examination:
EN 81-20:2014, 5.8.2.2.1, 5.8.2.2.3, 5.8.2.2.5
EN 81-50:2014, 5.5

Datum und Nummer des Prüfprotokolls:
Date and number of laboratory report:
09.10.2019, 2019-AT-SP-0162

Bemerkungen: Das geprüfte Produkt erfüllt die Prüfgrundlagen im Rahmen des
Remarks: im Anhang 1 dieser Bescheinigung definierten Anwendungsbereichs.
The product fulfils the base of examination in the scope of application, defined in the annex 1 of this certificate.

Verbreitung dieser Bescheinigung nur im Ganzen mit Anhang 1 und darin angeführten Unterlagen.
Spread of this certificate allowed complete only with annex 1 and documents called there.

10.10.2019
Gültig ab
Valid from


Ing. Thomas Maldet
Zertifizierungsstelle
Certifying Department



Auszugsweise Vervielfältigung nur mit Genehmigung der TÜV AUSTRIA SERVICES GMBH gestattet
Duplication of this document in parts is subject to the approval TÜV AUSTRIA SERVICES GMBH

TÜV AUSTRIA SERVICES GMBH

Notified Body 0408

Anhang 1 zu / Annex 1 to EU-Baumusterprüfbescheinigung / Certificate of EU-Type Examination TÜV-A-AT-1-19-0614-EUPU-1

Vienna, 10.10.2019

 Dieser Anhang wurde erstellt in: Deutsch / German
 This annex has been issued in: Englisch / English

1. Anwendungsbereich / Scope of application:

1.1 Energy dissipation buffers MLB-series

Type	Maximum rated speed (m/s)	Maximum impact speed (m/s)	Minimum total mass (kg)	Maximum total mass (kg)	Extended height (mm)	Stroke (mm)	Hydraulic oil type
MLB13.1	1,300	1,495	450	5500	404	120	Grade ISO VG 68
MLB16.1	1,600	1,840	450	5500	526	173	
MLB18.1	1,800	2,070	450	5500	628	219	
MLB20.1	2,030	2,335	450	5500	776	279	
MLB25.1	2,540	2,921	450	5500	1158	435	
MLB32.1	3,150	3,623	450	5500	1724,5	679	
MLB35.3	3,560	4,094	600	5500	2103,6	881	
MLB40.3	4,060	4,669	600	5500	2688,5	1141	

2. Bedingungen und Voraussetzungen / Conditions and Preconditions:

2.1 For identification, a label must be placed on the device, indicating the following:

- Manufacturers data (*)
- Type
- EU-type examination certificate number
- Maximum rated speed (m/s)
- Maximum impact speed (m/s)
- Minimum mass (kg)
- Maximum mass (kg)
- Permissible hydraulic liquid
- CE-mark and ID-Nr. of the Notified Body, responsible for surveillance of manufacture.

(*) Manufacturers data according to Lifts Directive 2014/33/EU, Article 8 (6).

Auszugsweise Vervielfältigung nur mit Genehmigung der TÜV AUSTRIA SERVICES GMBH gestattet
 Duplication of this document in parts is subject to the approval of TÜV AUSTRIA SERVICES GMBH



- 2.2 *The fixing of the buffer shall be done as instructed by the manufacturer's instructions and on a horizontal and flat surface with sufficient strength to safely carry the loads imposed by the buffer.*
- 2.3 *The ambient temperature and environmental conditions must be in accordance with EN 81-20:2014.*
- 2.4 *The following installation guides shall be followed:*
- *9-29190-I, issue 4, February 2019 for MLB 13-32*
 - *9-29191-I, issue 4, February 2019 for MLB 35-40*
- 2.5 *This type examination certificate must be spread just together with all documents according clause 4 of this annex 1 to the type examination certificate.*
- 2.6 *Modification of the device must be reported to the certification body in written. It is in the certifications bodies decision, whether and in which scope any modification makes additional tests necessary.*
- 2.7 *This type examination number must not be used for any other products, which are not fully in compliance with the tested product.*
- 2.8 *This certificate is based on the technical state of the art, represented by the harmonized standards available and presently in force. Modification(s) and/or amendment(s) of these standards respectively future development of the technical state of the art, may make a revision of this certificate necessary.*
- 2.9 *Precondition for application of this device is, beside others, that the requirements for placing the product on the market according to Lifts Directive 2014/33/EU are kept for the device according to Lifts Directive 2014/33/EU, Article 15 (surveillance of production). This is to assure, that the products, placed on the market are in compliance with the tested sample(s).*

The possible procedures for surveillance of production of the device are:

- *Conformity to type with random checking (Lifts Directive 2014/33/EU, Annex IX, Module C 2)*
- *Product quality assurance (Lifts Directive 2014/33/EU, Annex VI, Module E)*

3. Anmerkungen und Hinweise / Remarks and advices:

3.1 *Manufacturers for series production, licensed by the certificate holder are:*

- *OLEO International
Grovelands Estate, Longford Road, Exhall, Coventry, CV7 9NE, United Kingdom*
- *Oleo Buffers (Shanghai) Co. Ltd
Plant A 15 Xifei Garden, No. 3802 Shengang Road, Songjiang Industrial Area, Shanghai 201612, China*
- *Oleo Buffers India Pvt. Ltd.
32/33, KIADB Hi-Tech Hardware Park, Mahadevakodigehalli, Bengaluru, India*

However, clause 2.9 of this annex 1 to the certificate needs to be respected.

4. Bilder, Diagramme, Skizzen, Zeichnungen / Pictures, diagrams, sketches, drawings:

4.1 Illustration buffer MLB-series (buffer design may vary across range from illustration)

