



Certificate of Compliance

Certificate: 1336612 **Master Contract:** 160732 (081519_0_000)

Project: 70128435 **Date Issued:** 2017-05-11

Issued to: **Oleo International Holdings Limited**
Grovelands Estate
Longford Rd Exhall
Coventry, CV7 9NE
UNITED KINGDOM
Attention: Darren Nicholls

The products listed below are eligible to bear the CSA Mark shown



Issued by: *Wendy Zhu*
Wendy Zhu, Ph. D., P. Eng.

ASME 17.1-2016/CSA B44-16

PRODUCTS

CLASS - C241106 - ELEVATOR EQUIPMENT-Oil Buffers

Oil buffers with gas spring return:

<u>Model</u>	<u>Rated Speed m/s</u>	<u>Max Striking Speed m/s</u>	<u>Min Load kg</u>	<u>Max Load kg</u>	<u>Stroke "S" mm</u>
- Type SLB.1					
SLB 16.1	1.60	1.84	450	3100	173
SLB 18.1	1.80	2.07	450	3100	219
SLB 20.1	2.03	2.34	450	3100	279
- Type SLB.2					
SLB 16.2	1.60	1.84	450	4545	173
SLB 18.2	1.80	2.07	450	4545	219
SLB 20.2	2.03	2.34	450	4545	279
SLB 25.2	2.54	2.92	450	4545	435



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- Type SEB.2

SEB 16.2	1.60	1.84	450	4545	173
SEB 18.2	1.80	2.07	450	4545	219
SEB 20.2	2.03	2.34	450	4545	279
SEB 25.2	2.54	2.92	450	4545	435

- Type LB

LB 16.003	1.60	1.84	500	8330	203
LB 18.001	1.80	2.07	500	8330	249
LB 20.001	2.03	2.34	500	8330	300
LB 23.001	2.30	2.65	500	8330	387
LB 25.003	2.54	2.92	500	8330	462
LB 32.002	3.15	3.62	700	8330	699
LB 35.001	3.56	4.09	1000	8330	881
LB 40.001	4.06	4.67	1000	8330	1141
LB 50.001	5.09	5.85	1500	7500	1740
LB 55.001	5.61	6.45	1250	7500	2109
LB 60.001	6.09	7.01	1500	10000	2504
LB 65.001	6.61	7.6	2000	10000	3039
*LSB10.1	1	1.15	370	2000	70



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<u>Model</u>	<u>Rated Speed m/s (ft/min)</u>	<u>Max Striking Speed m/s (ft/min)</u>	<u>Min Load kg</u>	<u>Max Load kg</u>	<u>Stroke "S" mm</u>
- *LSB Series					
LSB 10.A	1.0 (200)	1.15 (230)	380	3250	74.3
LSB 16.B	1.6	1.84	450	3250	175.5
LSB 18.B	1.8	2.07	450	3250	221.5
LSB 20.B	2.03	2.33	450	3250	279.0
LSB 25.B	2.54	2.87	450	3250	435.0
- MLB Series					
MLB 13.1	1.30	1.50	450	5500	120
MLB 16.1	1.60	1.84	450	5500	173
MLB 18.1	1.80	2.07	450	5500	219
MLB 20.1	2.03	2.33	450	5500	279
MLB 25.1	2.54	2.88	450	5500	435
MLB 32.1	3.15	3.62	450	5500	679
MLB 35.3	3.56	4.09	600	5500	881
MLB 40.3	4.06	4.67	600	5500	1141

*Note: Mechanical Spring Return.

APPLICABLE REQUIREMENTS

ASME 17.1-2016/CSA B44-16 - Safety Code for Elevators and Escalators



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70128435	2017-05-11	Update illustrations and add Imperial Units to model LSB 10.A.
70078081	2016-06-16	Update report to update illustrations.
1580166	2004-10-21	Report Corrections, Customer Visit