

EU TYPE EXAMINATION CERTIFICATE

Nr.: LDsq08-1001-0038-20

METROPLAST ASANSÖR MALZEMELERİ İMALAT LTD. ŞTİ.

İ.D.O.S.B Tabakhane Cad. No:3 YC-10 Özel Parsel Tuzla, İstanbul, TURKEY

D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.;

Evaluates and approves that the safety component for lifts which technical specifications listed below and manufactured by the company stated above meets the essential health and safety requirements of directive 2014/33/EU Annex I.

2014/33/EU Annex IV/A EU Type Examination for Safety Components for Lifts (Module B)

PRODUCT;

Description	: Energy dissipating buffers according to Annex III article 4.b of 2014/33/EU
Name	: Energy dissipating buffers - Lift Hydraulic Buffer
Trademark	: METROPLAST
Type	: HT
Type Variants	: HT 16-102, HT 20-114, HT 25-114
Technical Detail	: Detailed in annex of this certificate.

In case of changes to be made on the types and equipment specified in this certificate and its annex, or changes that may occur on the relevant standard, the validity of the certificate should be re-evaluated by D KARE.

This certificate was issued in line with the findings stated in the final reports dated 28/09/2020 numbered LDsq08-0928-0038-20 , dated 09/04/2021 numbered LDsq08-0409-0038-21 and dated 12/09/2022 numbered LDsq08-0912-0038-22.

Relevant test methods stated on the harmonised standards EN 81-20:2020 and EN 81-50:2020 has been used during conformity assessment process.

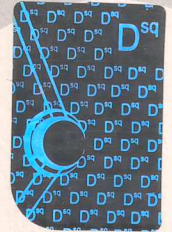
Selcan GÖRMÜŞ

Director

Issue Date : October 01, 2020

Valid to : September 30, 2025

Revision Date/Nr: September 12, 2022/02



LIFTS-2528-2000271



ANNEX OF EU TYPE EXAMINATION CERTIFICATE

Nr: LDsq08-1001-0038-20

Product description Energy dissipating buffers according to Annex III article 4.b of 2014/33/EU-Hydraulic buffers for lifts

Intended Use::

- ✓ Lifts with Machinery Room
- ✓ Lifts without Machinery Room

Sizes of buffer: See Table 1, Table-2, Table-3

Maximum impact speed: See Table 1, Table-2, Table-3

Rated speed: See Table 1, Table-2, Table-3

Maximum load capacity: See Table 1, Table-2, Table-3

Minimum load capacity: See Table 1, Table-2, Table-3

Fixing Type: Fixing with 4 bolt-nut to the ground by flange.

Information about the liquid used inside the buffer: Table 1, Table-2, Table-3

Enviromental conditions and (Temperature, Hummidity, Pollution etc.): See Table 1, Table-2, Table-3

Data / Type	METROPLAST HYDRAULIC BUFFERS FOR LIFTS		
	HT16-102		
Rated speed of the lift (m/s)	1,00	1,20	1,60
Maximum impact speed(m/s)	1,15	1,38	1,84
Maximum capacity of the lift (kg)	2500	2412	2145
Minimum capacity of the lift (kg)	500	500	500
Diameter of the buffer (mm)	102	102	102
Stroke (mm)	180	180	180
Height of the buffer (mm)	540	540	540
Declared working temperature (°C - % humidity)	40 °C – % 45 humidity	40 °C – % 45 humidity	40 °C – % 45 humidity

Liquid type	ISO 68	ISO 68	ISO 68
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Table-1 HT 16-102 type informations

Data / Type	HT			
	HT 20-114			
Maximum impact speed(m/s)	1,15	1,38	1,84	2,30
Maximum capacity of the lift (kg)	3500	3250	3050	2800
Minimum capacity of the lift (kg)	500	500	500	500
Diameter of the buffer (mm)	102	102	102	102
Stroke (mm)	300	300	295	280
Height of the buffer (mm)	820	820	820	820
Declared working temperature (°C - % humidity)	25 °C – % 45 humidity			
Liquid type	HYDRO OIL VG 68			

Table-2 HT 20-114 type informations

Data / Type	HT				
	HT 25-114				
Maximum impact speed(m/s)	1,15	1,38	1,84	2,30	2,875
Maximum capacity of the lift (kg)	3700	3500	3250	3000	2500
Minimum capacity of the lift (kg)	500	500	500	500	500
Diameter of the buffer (mm)	102	102	102	102	70
Stroke (mm)	435	425	400	430	440
Height of the buffer (mm)	1150	1150	1150	1150	1150
Declared working temperature (°C - % humidity)	25 °C – % 45 humidity				

Liquid type	HYDRO OIL VG 68
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Table-3 HT 25-114 type informations

Information about rated the safety switch:

Information about the safety switch:			
Type	CLS 103		
Manufacturer	GLORIOUS	Certificate nr.	CNB3120528 00209 L-MI (CTB Ningbo Test Report Nr)
Electric Current	AC 15 A300 250 V- 6A	Protection class	IP 65

Sample submission date for type examination: 23.09.2020,30.03.2021 and 01.09.2022

Date of type examination: 24.09.2020, 02.04.2021 and 07-09.09.2022

Test laboratory: D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.

Applied standards: TS EN 81-50:2020, TS EN 81-20:2020

Type examination certificate should be updated if any changes occur on the approved technical drawing or any change occur on the safety switch. This type examination certificate is only used for the products meet the technical information stated on this certificate.

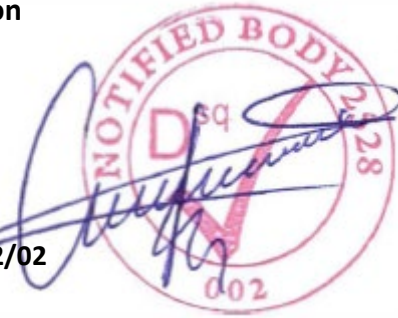
Cem Çelik

Responsible for Technical Regulation

Issue Date : October 01, 2020

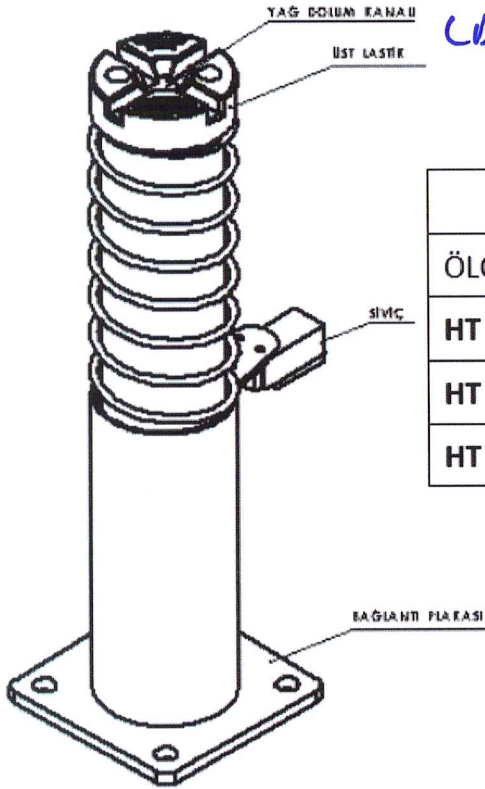
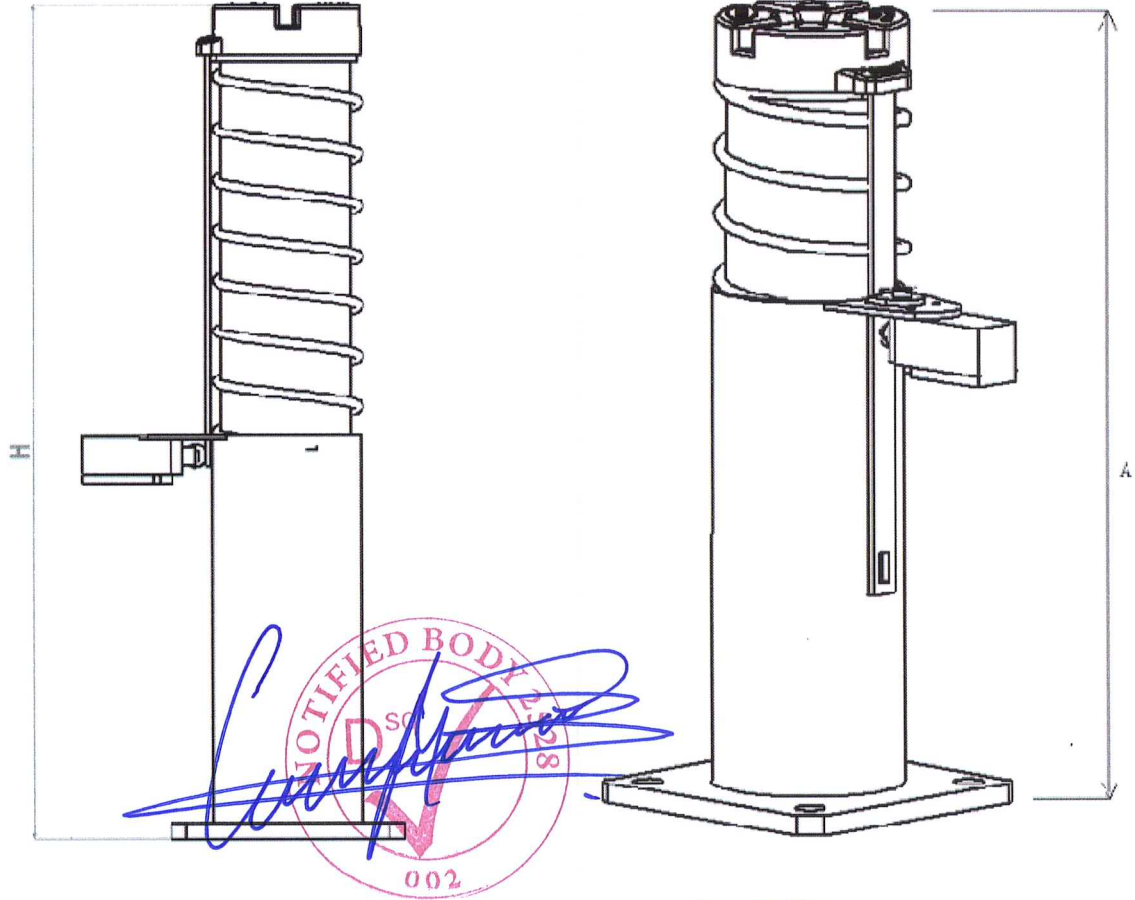
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AÇIK KONUM:

KAPALI KONUM:



LD 5408-1001-0038-20

METROPLAST HT		
ÖLÇÜLER (mm)	H (mm)	A (mm)
HT 16-102	540	360
HT 20-114	820	530
HT 25-114	1150	750

