

ANNEX OF EU TYPE EXAMINATION CERTIFICATE

Nr: LDsq08-0903-0089-21

Product Description:

Energy-accumulating buffers (non linear) according to Annex III article 4.a of 2014/33/EU

Intended Use:

✓ Electrical and hydraulic lifts

Sizes: See Table 1, Table 2.

Maximum impact speed: See Table 1, Table 2.

Rated speed: See Table 1, Table 2.

Maximum load capacity: See Table 1, Table 2.

Minimum load capacity: See Table 1, Table 2.

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

Information about the liquid used inside the buffer: ---

Environmental conditions and (Temperature, Humidity, Pollution etc.): See Table 1, Table 2.

| Data / Type | ABT EYL | | | | | | |
|--|------------|----------|----------|-----------|-----------|-----------|-----------|
| | EYL-1 | EYL-2 | EYL-3 | EYL-10080 | EYL-12580 | EYL-14080 | EYL-16580 |
| Maximum impact speed(m/s) | 0,80 m/s | 0,80 m/s | 0,80 m/s | 0,80 m/s | 0,80 m/s | 0,80 m/s | 0,80 m/s |
| Maximum capacity of the lift (kg) | 3240 kg | 3040 kg | 4314 kg | 2300 kg | 2875 kg | 4039 kg | 5390 kg |
| Minimum capacity of the lift (kg) | 700 kg | 700 kg | 700 kg | 400 kg | 700 kg | 700 kg | 700 kg |
| Diameter of the buffer (mm) | 125 mm | 100 mm | 125 mm | 100 mm | 125 mm | 140 mm | 165 mm |
| Stroke (mm) | 79 mm | 133 mm | 156 mm | 78 mm | 102 mm | 65 mm | 59 mm |
| Height of the buffer (mm) | 100 mm | 160 mm | 195 mm | 80 mm | 80 mm | 80 mm | 85 mm |
| Declared working temperature (°C - % humidity) | 25 °C, %70 | | | | | | |

Table-1 Data for 0,63 m/s rated speed

| Data / Type | ABT EYL | | | | | | |
|-----------------------------------|----------|----------|----------|-----------|-----------|-----------|-----------|
| | EYL-1 | EYL-2 | EYL-3 | EYL-10080 | EYL-12580 | EYL-14080 | EYL-16580 |
| Maximum impact speed(m/s) | 1,15 m/s | 1,15 m/s | 1,15 m/s | 1,15 m/s | 1,15 m/s | 1,15 m/s | 1,15 m/s |
| Maximum capacity of the lift (kg) | 2250 kg | 2150 kg | 3000 kg | 1600 kg | 2000 kg | 2800 kg | 3750 kg |

| | | | | | | | |
|--|------------|--------|--------|--------|--------|--------|--------|
| Minimum capacity of the lift (kg) | 700 kg | 700 kg | 700 kg | 400 kg | 700 kg | 700 kg | 700 kg |
| Diameter of the buffer (mm) | 125 mm | 100 mm | 125 mm | 100 mm | 125 mm | 140 mm | 165 mm |
| Stroke (mm) | 71 mm | 133 mm | 146 mm | 58 mm | 57 mm | 60 mm | 55 mm |
| Height of the buffer (mm) | 100 mm | 160 mm | 195 mm | 80 mm | 80 mm | 80 mm | 85 mm |
| Declared working temperature (°C - % humidity) | 25 °C, %70 | | | | | | |

Table-2 Data for 1,00 m/s rated speed

Information about declared safety switch:

| INFORMATION ABOUT SAFETY SWITCH (For hydraulic buffers) | | | |
|---|-----|------------------|-----|
| Type | --- | | |
| Manufacturer | --- | Certificate nr. | --- |
| Electric Current | --- | Protection class | --- |

Sample submission date for type examination: 02.08.2021, 14.06.2022

Date of type examination: 19-20.08.2021, 16.06.2022

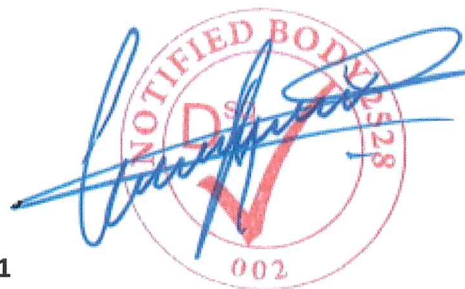
Test laboratory: D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.

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 ÇELİK

Technical Regulation Chef



Issue Date : September 03, 2021

Valid To : September 02, 2026

Revision Date/Nr: June22, 2022/01