



# LIFT Certificate TU-Sofia

Technical University of Sofia - Technologies Ltd  
holding TUV NORT CERT certificate according to ISO9001:2008



## CERTIFICATE FOR "EU-TYPE EXAMINATION OF SAFETY COMPONENTS FOR LIFTS" №874K/TE/11.10.2017



"LIFT CERTIFICAT TU - SOFIA" - conformity assessment notified body with Permission № 108-OC/07.06.2016, issued by STATE AGENCY FOR METROLOGICAL AND TECHNICAL SURVEILLANCE (SAMTS) with European Identification № 2201

**Verified** on the basis of examinations and tests that the product described below is in accordance with the essential safety requirements of the Directive 2014/33/EU, introduced by the "Ordinance for the essential requirements and conformity assessment of lifts and the safety devices for lifts".

**Applicant:**  
(name, address)

**Aksoz Makina San Ve Tic Ltd Sti**  
**Address:** 1187. Sok No:8 Ostims, Ankara, Turkey

**Manufacturer of the safety component:**  
(name, address)

**Aksoz Makina San Ve Tic Ltd Sti**

**Name and type of the safety component:**

**Progressive Safety Gear**  
**Type:** ALY01

**Additional data for identification of the safety component:**

The additional data and technical characteristics are according to "Annex 1" of this certificate

**Application form of Conformity assessment:**

№ 874/21.09.2017

**Testing laboratory:**

STL at "LIFT Certificat TU-Sofia"

**Test report:**

№ 874/07.10.2017

**Summary report of Conformity assessment:**

№ 874/08.10.2017

**Applied Directives and Standards:**

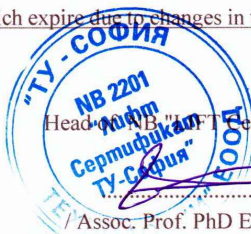
Directive 2014/33/EU – Annex IVA (Module B),  
EN81-50:2014 - p.5.3

This certificate contains Annex 1 - "Technical Characteristic", which is an integral part of it. The certificate expires on the occurrence of changes in the conditions under which it was issue or after expiring the validity period. Please, check "valid until" date below.

Certificate 874K replaced certificate 874/10.10.2017, which expire due to changes in the conditions under which it was issue.

Date of issue: 11 October 2017

Valid until: 11 October 2022



Head of NB "LIFT Certificate TU-Sofia":

/ Assoc. Prof. PhD Eng. Georgi Iliev /

## TECHNICAL CHARACTERISTICS

of safety component: **Safety gear, Type: ALY01**

### 1. Application of the safety gear

The following progressive safety gear conforms to the safety requirements of the applied Directive and Standards. It must be use according to the scope of application, described in p.2 of this Annex 1.

### 2. Parameters of the safety gear

Safety Gear Type	Guide rail blade thickness (mm)	Rates speed (m/s)	Min. permissible masses (kg)	Max. permissible masses (kg)
ALY01	9 mm	1.60	600	1400
		1.20	600	1710
		1.00	600	1905
		0.80	600	2135
		0.63	600	2345
		0.50	600	2550
	16 mm	1.60	600	1700
		1.20	600	2150
		1.00	600	2405
		0.80	600	2720
		0.63	600	2970
		0.50	600	3200

Maximum tripping speed of the overspeed governor (m/s): 2.15

Type of guide rail: T70, T82, T89, T90, T114, T125, T127

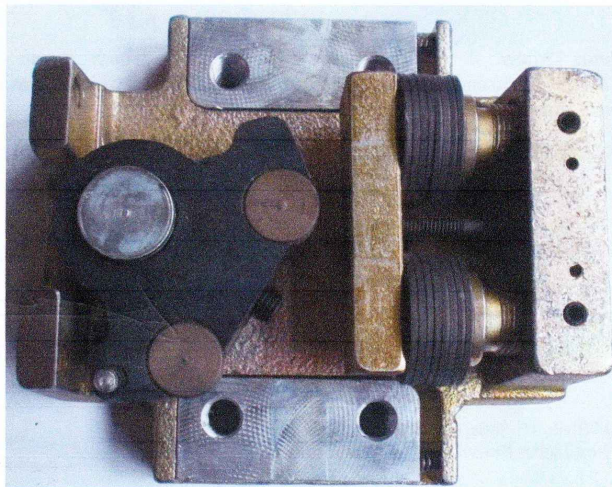
Minimum width of the gripping area (mm): 12

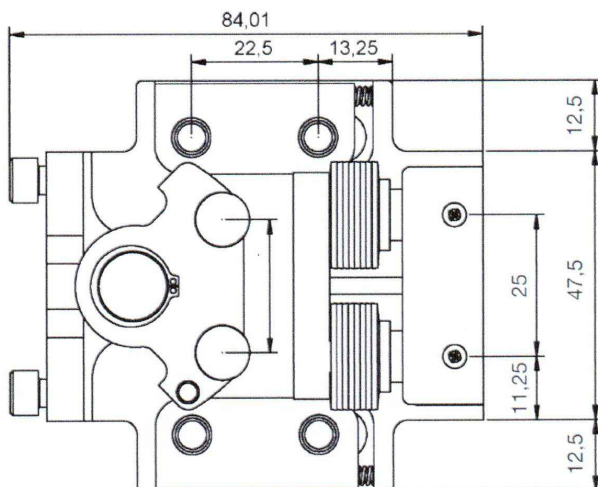
Acting direction: bi-directional

Surface condition of the guide rails: Cold Drawn, Machined

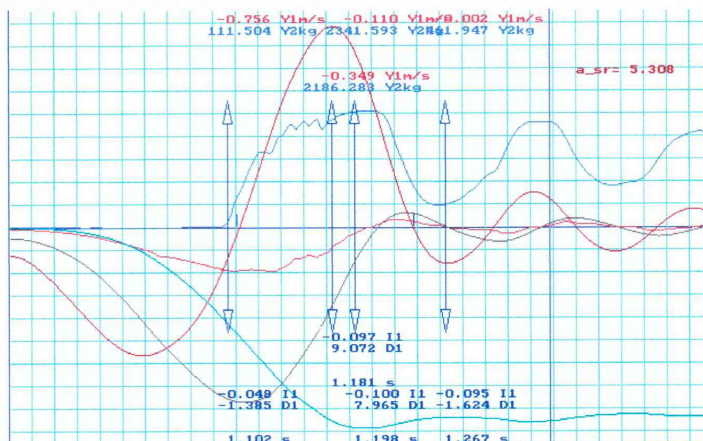
State of guide rails lubrication: HLP 32, HLP 46

### 3. Picture and drawing of the safety gear






#### 4. Samples of the graphical test results of the safety gear



T= 1.3458s V= 2136.504kg	I1= -0.097 I2=	D1= 1.269 D2=
Ky3= 0.399 F=1165.06Hz	AK-<<4>>	Step->4
Ky4=460.777 T= 19.993s	Kx= 0.01717s	CK-<3,4,5>
Br.z.=23293 M:1.000	ESC - Exit	File: a02_6
		brf1: 476
		Tt : 1568

Head of NB "LIFT Certificate TL-Sofia":

  
/ Assoc. Prof. PhD Eng. Georgi Iliev /





**AKSÖZ MAKİNA SANAYİ VE TİCARET LTD**  
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www.aksozlift.com



**AT UYGUNLUK BEYANI**  
**EU DECLARATION OF CONFORMITY**

**İMALATÇI / MANUFACTURER :**

AKSÖZ MAKİNA SAN. TİC. LTD. ŞTİ.

**İMALATÇI ADRESİ / MANUFACTURER ADDRESS :**

1187. SOKAK NO : 8 OSTİM ANKARA / TURKEY

**ÜRÜN ADI / PRODUCT NAME :**

ÇİFT YÖNLÜ KAYMALI GÜVENLİK TERTİBATI / DOUBLE SIDE PROGRESSIVE SAFETY GEAR

**ÜRETİM YILI / YEAR OF MANUFACTURE :**

Etiket Üzerinde / See data plate on product

**TİP / TYPE : ALY01**

**P+Q Max : 1400 kg ( 9 mm ) / 1700 kg ( 16 mm )**

**GUIDE RAIL 9 & 16 mm**

**Max. Nominal Speed 1.60 m/s – Max. Tripping Speed : 2.15 m/s**

**SERİ NO / SERIAL NUMBER :**

Etiket Üzerinde / See data plate on product

**UYGULANAN STANDARTLAR / THE FOLLOWING STANDARTS**

EN 81- 20 : 2014 & EN 81 -50 : 2014

**UYGULANAN DİREKTİFLER / THE FOLLOWING DIRECTIVES**

LIFTS DIRECTIVE 2014 / 33 / EU

ÜRÜN ÜZERİNDE SERİ NUMARASI VE KAPASİTE BİLGİLERİ YER ALAN ÜRÜNÜN KULLANICIYA  
TESLİM EDİLEN KULLANIM VE BAKIM KILAVUZLARINDAKİ ŞARTLARA UYMASI DURUMUNDA  
YUKARIDA BELİRTİLEN STANDARTLARA VE DİREKTİFE UYGUNLUĞUNU BEYAN EDERİZ.

We here by confirm that the product ( requirements of the directive and standards mentioned above under the  
conditions given at instructions for use. )

**ONAY KURULUŞ / NOTIFIED BODY : LIFT Certificate TU - SOFIA**

**ADRES / ADDRESSES :**

8 Kliment Ohridski Blvd 1756 Sofia / BULGARIA

**BELGE NO / CERTIFICATE NR : 874 / TE / 11.10.2017**

**FİRMA SORUMLUSU / RESPONSE OF COMPANY : SERDAR AKSÖZ**

**YER – TARİH / PLACE – DATE : 2019 / ANKARA**

**YETKİLİ İMZA / LEGALLY BINDING SIGNATURE**

**AKSÖZ**  
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