

# **CERTIFICATE**

## **EU Type – Examination**

According to Directive 2014/33/EU, (Module B, annex IV)

**Certificate No: LF/KSA/A-C-0039/ 17**

Identification No of Certification body:

MIRTEC s.a **CE** 0437

Name & Address

of the Certificate Holder :

of the Manufacturer:

**MENEVİŞLER** PLASTİK VE ASANSÖR MALZ. İMALATI  
HACI YUSUF MESCİD MAH. FATİH DEMİRCİLER SİT. ŞANSLI  
SOK. NO:4/1 KARATAY KONYA / TÜRKİYE

Date of Submission for EU Type-Examination : 14/03/2015

Product of Safety Component:

**Progressive safety gear,  
for downward & upward action  
and part of a protection system against unintended  
car movement**

Type:

**MPS2**

Applicable Standards:

2014/33/EU, annex I,  
EN 81-50:2014 § 5.3.3  
EN 81-20:2014 § 5.6.2.1

Examination Period:

March-April 2015, May 2017

Test Laboratory :

Date & No of laboratory Report:

MENEVİŞLER tower in factory  
GCNTR437-15-162, GCNTR437-15-163 16/3/2015,  
LF/KSA/A-R-0039/17, 30/05/2017

Documents annexed:

to the Certification:

Field of application

Load, speed, guide rails :

Product description, Calculation book, Drawings ,  
Installation & maintenance instructions, Material list  
**ANNEX 1**

### Validation conditions / Additional instructions:

The production of the safety gear falls under random inspections from the certification body.  
For all changes on the materials, drawings and production-assembly methods the certificate holder must inform the certification body.

The safety gear housing should have a label with the necessary information  
(Sr.Nr, Year of production, Field of application Load, speed, and guide rails)

### Result of the examination - Declaration:

**Herewith we certify that the type of the product mentioned above, meets the requirements of the Directive 2014/33/EU.**

Only the products detailed in the test report have been subjected to tests.

Date of issue:

**30.04.2015 Reissued 7/6/2017**

For EBETAM A.E.

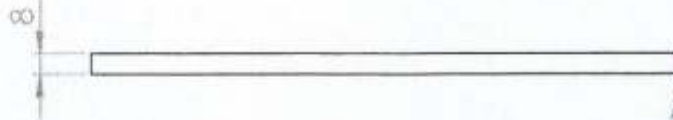
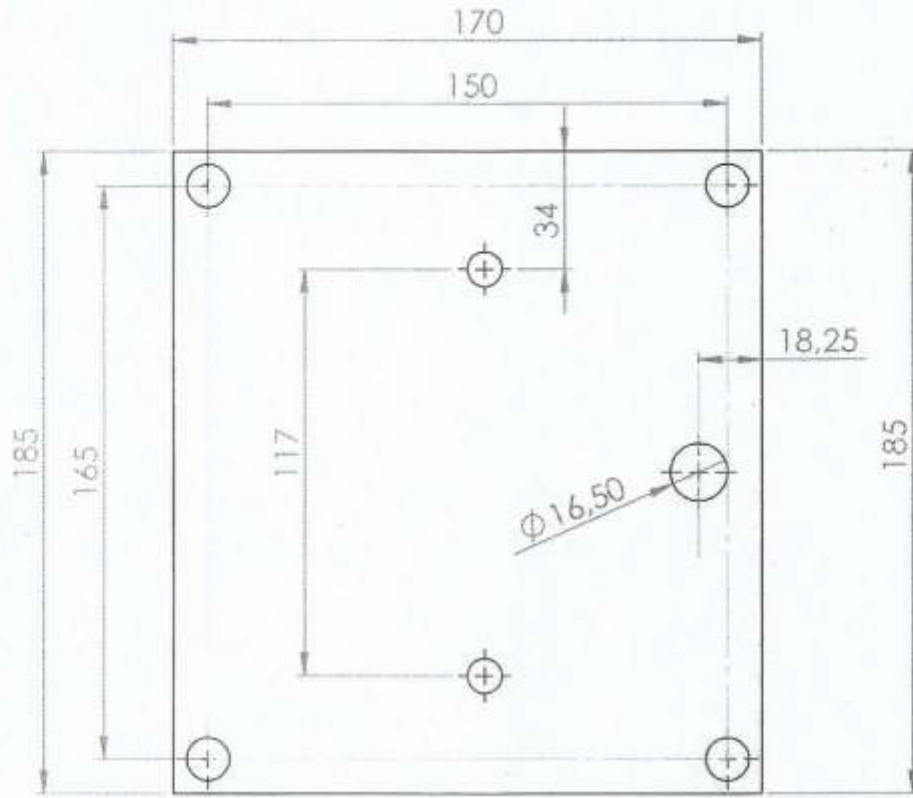
I. Dimitriadis  
Director of Athens Office

Certifying department for lifts

C. Spiliotopoulos  
Inspector of Lifts

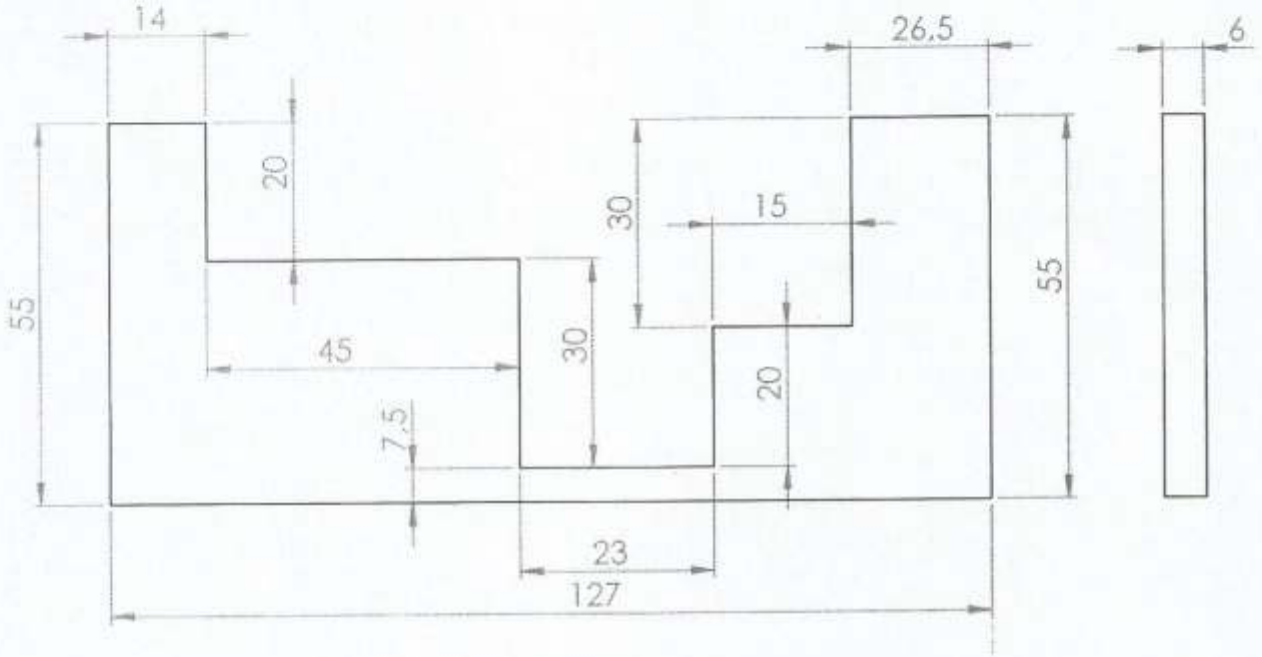
EBETAM A.E.  
CERT - safecomp / EN 03 (5.0 / 24.10.2016)  
AET:28020

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7/6/2012

|        | İSİM           | İMZA | TARİH    | BAŞLIK                 |
|--------|----------------|------|----------|------------------------|
| ÇİZEN  | Hasan BAYRAK   |      | 14.04.15 | ÜST TABLA SACI<br>MPS2 |
| DENET. | Mehmet MENEVİŞ |      | 14.04.15 |                        |
|        |                |      |          | RESİM NO               |
|        |                |      |          | A4                     |
|        |                |      |          | 13                     |



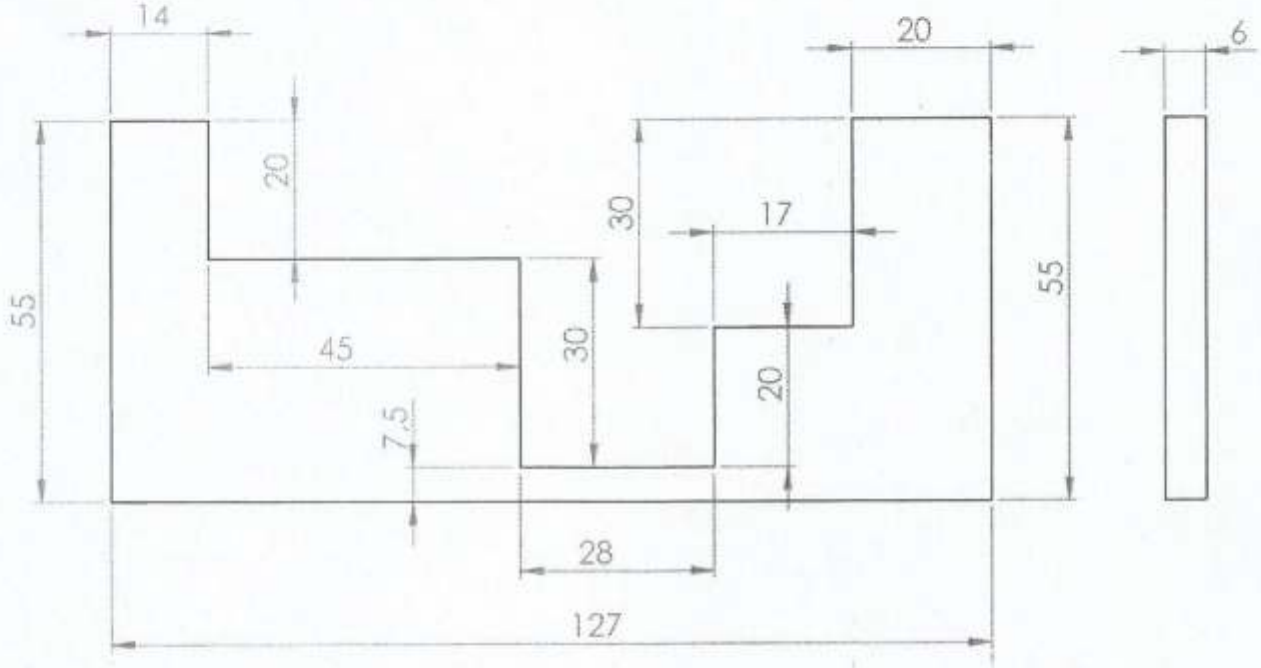
ÖLÇEK 1 : 1

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7/6/2012

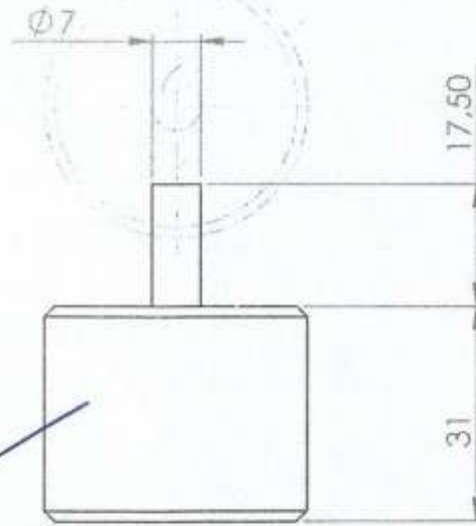
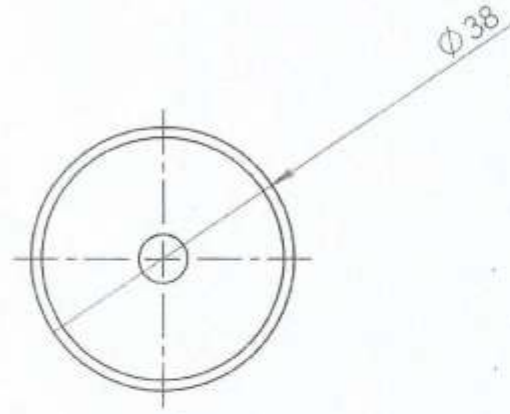
|        | İSİM           | İMZA | TARİH    | BAŞLIK                                    |
|--------|----------------|------|----------|-------------------------------------------|
| ÇİZEN  | Hasan BAYRAK   |      | 14.04.15 | ÜST TABLA 70'LİK YAN SAC<br>MPS2 rail 9mm |
| DENET. | Mehmet MENEVİŞ |      | 14.04.15 |                                           |
|        |                |      |          |                                           |
|        |                |      |          | RESİM NO                                  |
|        |                |      |          | A4                                        |
|        |                |      |          | 11                                        |



ÖLÇEK 1 : 1

ÖLÇEK 1 : 1

|        | İSİM           | İMZA | TARİH    | BAŞLIK                                     |    |
|--------|----------------|------|----------|--------------------------------------------|----|
| ÇİZEN  | Hasan BAYRAK   |      | 14.04.15 | ÜST TABLA 90'LIK YAN SAC<br>MPS2 rail 16mm |    |
| DENET. | Mehmet MENEVİŞ |      | 14.04.15 |                                            |    |
|        |                |      |          |                                            |    |
|        |                |      |          | RESİM NO                                   | A4 |
|        |                |      |          | 12                                         |    |



7/6/2012

|        | İSİM           | İMZA | TARİH    | BAŞLIK                 |    |
|--------|----------------|------|----------|------------------------|----|
| ÇİZEN  | Hasan BAYRAK   |      | 14.04.15 | FREN MAKARASI<br>MPS2. |    |
| DENET. | Mehmet MENEVİŞ |      | 14.04.15 |                        |    |
|        |                |      |          |                        |    |
|        |                |      |          | RESİM NO               | A4 |
|        |                |      |          | 4                      |    |

## ANNEX 1

Part of the EU Type-examination LF/KSA/A-C-0039/17

### Field of application

Max. Nom. Speed :

Car: 1.6 m/s, upwards & downwards

Counterweight: 1.6 m/s, downwards

Max. tripping speed by overspeed governor:

Car: 2.16 m/s upwards & downwards

Counterweight : 2.16 m/s, downwards

Guide rails :

Drawn and machined,

Thickness 16 mm and 9mm,

Min gripping width 31 mm (as the width of braking element)

Allowable total mass:

The min & max. allowable mass of empty car with relevant car components and nominal rated load-mass or balancing weight mass, in relation to the guide rails and the number of , for one pair of the safety gear :

| Guide rail     | Braking force (kN) | Min / max. allowable mass(F+Q),( Kg ) | Oiling |
|----------------|--------------------|---------------------------------------|--------|
| Drawn 9 mm     | 12,60              | 635                                   | 1/2    |
| Machined 9 mm  | 12,50              | 635                                   | 1/2    |
| Drawn 9 mm     | 39,10              | 2300                                  | 1/2    |
| Machined 9 mm  | 40,10              | 2300                                  | 1/2    |
| Drawn 16 mm    | 12,60              | 635                                   | 1/2    |
| Machined 16 mm | 12,40              | 635                                   | 1/2    |
| Drawn 16 mm    | 34,60              | 2300                                  | 1/2    |
| Machined 16 mm | 40,70              | 2300                                  | 1/2    |

**Oiling condition : (1) SAE-J 1966**

**(2) DRY**

This progressive safety gear may be used as a stopping element in a protection system against unintended car movement. It has been tested at different low speeds for this scope and it is assured that allows the stopping of the car in the ranges of stopping distances that refers to EN 81-20:2014 § 6.3.13, 5.6.7 and 81-50:2014 § 5.8.

Certification Dept. EBETAM

C. SPILIOPOULOS

EBETAM A.E.

www.ebetam.gr  
GERT - safecomp / EN 03 (5.0 / 24.10.2016)  
AET:28020



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