

EU TYPE EXAMINATION CERTIFICATE

Nr.: LDsq08-0318-0122-22

ÖZBEŞLER MAKİNA OTOMOTİV KUYUMCULUK AKARYAKIT İNŞ. ASANSÖR SAN. VE TİC. LTD. ŞTİ.

SAMANLI MAH. 2. SERİN SOK. NO:138 YILDIRIM, BURSA, TÜRKİYE

D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.; evaluated and approved that the safety component for lifts manufactured by the company stated above **meets the essential health and safety requirements of the Lifts Directive 2014/33/EU Annex I.**

2014/33/EU Annex IV/A EU-type examination of safety components for lifts (Module B)

ÜRÜNÜN;

| | |
|-------------------|---|
| Description | : Devices for locking landing doors according to Annex III clause I of 2014/33/EU |
| Name | : Devices for locking landing doors |
| Trade Mark | : ÖZBEŞLER |
| Type | : Central and side opening landing door locking device – ÖBM F01 |
| Type Variants | ÖBM F01/F1R, ÖBM F01/F1L, ÖBM F01/F2R, ÖBM F01/F2L, ÖBM F01/F3R, ÖBM F01/F3L, ÖBM F01/F2C, ÖBM F01/F4C, ÖBM F01/F6C |
| Technical Details | : Detailed in annex of this certificate. |

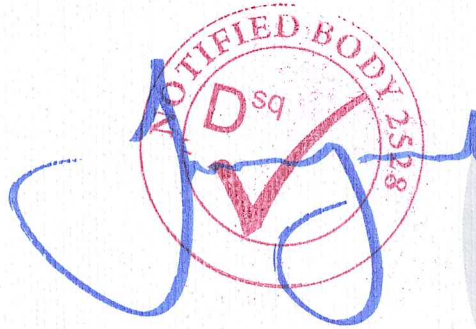
Re-evaluation should be performed by D KARE if any change occur on the design of the types stated in annex of this certificate or any change occur on the relevant harmonised standard.

This certificate is issued according to the findings stated in final report Nr. LDsq08-0316-0122-22 dated 16/03/2022.

Inspection and test methods stated in harmonised standards EN 81-20:2020 ve EN 81-50:2020 has been applied while conformity assesment process.

Selcan GÖRMÜŞ

Director

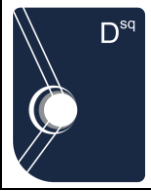


LIFTS-2528-2200051



Issue Date : March 18, 2022

Valid to : March 17, 2027



REPORT OF EU TYPE EXAMINATION



Report Nr.: LDsq08-0316-0122-22

File Nr.: LD.IV-A.0055



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

Cevizli Mah. Hızır Reis Sk. Dragos Park Plaza No:10 D:19 Maltepe - İSTANBUL
Tel: 0216 290 1678 Fax: 0216 290 16 79 Web: www.dsq.com.tr

2014/33/EU LIFT DIRECTIVE 2014/33/ EU ANNEX IV A

| INFORMATION OF COMPANY | |
|------------------------|---|
| Client Name | ÖZBEŞLER MAKİNA OTOMOTİV KUYUMCULUK AKARYAKIT İNŞ. ASANSÖR SAN. VE TİC. LTD. ŞTİ. |
| Client Adress | SAMANLI MAH. 2. SERİN SOK. NO:138 – YILDIRIM, BURSA |
| Manufacturer Name | ÖZBEŞLER MAKİNA OTOMOTİV KUYUMCULUK AKARYAKIT İNŞ. ASANSÖR SAN. VE TİC. LTD. ŞTİ. |
| Manufacturer Adress | SAMANLI MAH. 2. SERİN SOK. NO:138 – YILDIRIM, BURSA |

| INFORMATION OF LANDING DOOR LOCKING DEVICE | |
|--|----------------------------------|
| Product Description | LANDING DOORS DEVICE FOR LOCKING |
| Min./Max. Width | It is given in Table-1 |
| Min./Max. Height | It is given in Table-1 |
| Serial Number/s | It is given in Table-1 |
| Type/s | ÖBM F01 |
| Model/s | It is given in Table-1 |

| INFORMATION OF TYPE EXAMINATION | | | |
|---------------------------------|------------|------------------------------|--------------------------------|
| Dates of type examination | 11.03.2022 | Applied Harmonized standards | EN 81-20:2020 EN 81-50:2020 |

| | | | |
|-----------------------|-------------------------|-----------------|---------------------------|
| Document Nr: FR.LD.18 | Issue date : 07.02.2019 | Revision Nr: 03 | Revision Date: 12.05.2020 |
|-----------------------|-------------------------|-----------------|---------------------------|



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| Type informations | ÖBM F01 Type landing door locking device |
|---|---|
| 1 panel unilaterally sliding telescopic - ÖBM F01/F1L, ÖBM F01/F1R) 2 panels unilaterally sliding telescopic - ÖBM F01/F2L, ÖBM F01/F2R) 3 panels unilaterally sliding telescopic - ÖBM F01/F3L, ÖBM F01/F3R) | Width: From 600 to 900 mm From 600 to 2000 mm From 600 to 2000 mm Height: From 2000 to 2500 mm |
| 2 panels sliding central - ÖBM F01/F2C 4 panels sliding central - ÖBM F01/F4C 6 panels sliding central - ÖBM F01/F6C | Width: From 600 to 2000 mm From 600 to 3000 mm From 800 to 3000 mm Height: From 2000 to 3000 mm mm |
| Year of manufacture | 2021 |
| The serial numbers of test samples: | Test Samples |

Table- 1 Specifications of types

| INFORMATION ABOUT SAFETY SWITCH | | | |
|---------------------------------|------------------|--------------------|--|
| Type | GLORIOUS EDS-5/1 | | |
| Manufacturer | TUĞBA ELEKTRONİK | Certificate Number | LDsqV03-0108-0037-21 (DKARE CONFORMITY CERTIFICATE) |
| Electric current | 230 V AC / 3 A | Protection class | IP20 AC-15 |

| A. CONFORMITY OF TECHNICAL DOCUMENTATION AND TYPE TO TECHNICAL DOCUMENTATION | |
|--|---|
| Representative samples of lift safety components | ÖBM F01/F2R Test sample , ÖBM F01/F2C Test sample |
| Evidence documents showing equivalent solutions in case of deviation from the harmonized standard. If necessary, these documents should also show the results of the experiment. | Deviation does not exist. |
| General description of the lift safety component, including possible limits for the area of use, especially speed, load and power, and explosive environmental and hazard exposure | ÖZBEŞLER ÖBM F01 Type automatic landing door product general description |
| Design and manufacturing drawing or scheme. | The drawings below are examined. • LOCK DETAIL DRAWINGS • Parts technical drawings of the lock • LOCK OPERATING DRAWINGS |
| Necessary explanation for understanding the drawings and diagrams of the lift safety components. | ÖZBEŞLER ÖBM F01 type landing door locking device Technical Drawings |
| Descriptions of the solutions adopted to meet the requirements mentioned in Annex I of 2014/33 / EU, including a list of harmonized standards and a list of other relevant technical specifications applied when harmonized standards are not applied. If the harmonized standards are partially applied, the parts applied in the technical file are indicated. | Deviation does not exist. |
| Design calculations made or made by the manufacturer. | ÖZBEŞLER ÖBM F01 type TECHNICAL FILE. Strength calculations |
| Test Results | It is given in part B of this report. |

| | | | |
|-----------------------|-------------------------|-----------------|---------------------------|
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| | |
|--|--|
| A copy of the installation instruction that belongs to the lift safety assembly. | ÖZBEŞLER ÖBM F01 type MAINTENANCE AND REPAIR INSTRUCTIONS INSTALLATION INSTRUCTION EMERGENCY DOOR OPENING INSTRUCTION |
| Measures taken at the manufacturing stage to ensure that the lift safety assembly manufactured in series conforms to the lift safety component examined. | Not applicable. |
| Example of EU declaration of conformity | Sample declaration of conformity was seen. |

B. TEST AND RESULTS

1- Endurance test (EN 81-50 clause 5.2.2.2.)

| Total number of Complete Cycles | Result of test | |
|---------------------------------|---|--|
| 1.000.000 | <input checked="" type="checkbox"/> - CONFORM | <input type="checkbox"/> - NOT CONFORM |

2- Static test (EN 81-50 clause 5.2.2.2.3)

| Applied Static Force | Application time | Result of test | |
|----------------------|------------------|---|--|
| 1000 N | 300 seconds | <input checked="" type="checkbox"/> - CONFORM | <input type="checkbox"/> - NOT CONFORM |

Force was applied to the locking device through the opening direction. This force is applied by using a steel rope connected to the locking device when locked.

3 – Dynamic Test (EN 81-50 clause 5.2.2.2.4)

| Weight of Applied Mass | Free fall height | Result of test | |
|------------------------|------------------|---|--|
| 4 kg | 50 cm | <input checked="" type="checkbox"/> - CONFORM | <input type="checkbox"/> - NOT CONFORM |

Force was applied to the locking device through the opening direction. This force is applied by using a steel rope connected to the locking device when locked.

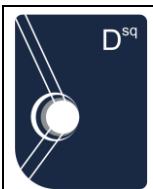
4- Endurance test of contacts (EN 81-50 clause 5.2.2.4.1)

This test has been evaluated within the scope of endurance test applied in EN 81-50 article 5.2.2.2.2.

5- Electric Test (EN 81-50 clause 5.2.2.4.2 Test of ability to break circuit , clause 5.2.2.4.3 Test for resistance to leakage currents, clause 5.2.2.4.4 Examination of clearances and creepage distances, clause 5.2.2.4.5 Examination of the requirements appropriate to safety contacts and their accessibility)

The suitability of these clauses was evaluated based on the values declared by the switch manufacturer.

| Belonging to the Switch Used for the Type documents (Declaration of Conformity, Certificate of Conformity Test Reports etc.) | | Assessment Result |
|---|---------------|-------------------|
| Document Issue Date | Document name | |



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Report Nr.: LDsq08-0316-0122-22

| | | | |
|------------|--|---|--|
| 08.01.2021 | LDsqV03-0108-0037-21 (DKARE CONFORMITY CERTIFICATE) | <input checked="" type="checkbox"/> CONFORM | <input type="checkbox"/> - NOT CONFORM |
|------------|--|---|--|

6-Other Assessment Results:

| EVALUATION CRITERIA | |
|--|---|
| 0 - No Application, 1 - Suitable, 2 - Not Suitable | |
| The locking element must have entered at least 7 mm before the electrical safety device has been activated. | 1 |
| Operation of the lift, which does not comply with the normal operating conditions and can be opened with a single intervention, or the door of the stall should not be possible from places where people can normally reach. | 1 |

7- Measurement Devices Used During Assessment Activities:

| Device Name | Brand- Serial Nr | Calibration Date | Calibration Nr |
|-------------------|---------------------------|------------------|----------------|
| TEMPERATURE METER | TFA DOSTMANN – 0514 SN-01 | 05-2021 | 21-05900 |
| METER | FIVESTAR - 6702 | 05.2021 | 21-05897 |
| CALIPER | - 5335 | 12.2021 | 21-15856 |
| CHRONOMETER | LOYKA – KR-01 | .05.2021 | 21-05863 |
| MULTIMETER | UNI-T / H150375716 PMT-10 | 12.2021 | 21-15858 |
| FORCEMETER | GERATECH – 371005750 | 05.2021 | 21-05895 |

8- Conformity Assessment Findings

a) 2014/33 / EU Lift Directive ANNEX I Deviations in Basic Health Safety Rules

b) Deviations from Harmonized Standards

c) Other

C- RESULT AND REPORT INFORMATION

Conformity assessment and examination activities has been performed according to section 4 clause 19 (a) and annex IV.A of the European Directive regarding Lifts and Safety components for lifts by following the technical requirements stated in Annex I of the council directive 2014/33/EU and applicable clauses of harmonised standards EN 81-50 and EN 81-20.

Recommendation of Technical Expert : As a result of the conformity assessment process, it has been determined that the type of lift safety component which technical characteristics are specified in this report is in compliance with Annex-1 Basic Health and Safety Requirements of Directive 2014/33/EU of the European Parliament and of the Council relating to lifts and safety components for lifts

Annex of report :

Date of report : 16.03.2022

| | | | |
|-----------------------|-------------------------|-----------------|---------------------------|
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REPORT INFORMATIONS

| Prepared by Technical Expert | Signature |
|---------------------------------|-----------|
| SALİH ÜSTÜNER | |