

EU - TYPE EXAMINATION CERTIFICATE

Directive 2014/33/EU, Annex IV_b

Notified Body:	TÜV AUSTRIA HELLAS 429, Mesogeion Ave. Athens, GR-15343
Notified Body Identification Number:	0906
Certificate number:	<u>TAH-LM/17/017, revision B</u>
1. Name and address of the certificate holder:	KLEEMANN ASANSOR (KLEEMANN GROUP) ORTA MAH.MESUDIYE SOK. NO 34956 ORHANLI-TUZLA ISTANBUL, TUERKEI
2. Name and address of the manufacturer:	KLEEMANN ASANSOR (KLEEMANN GROUP) ORTA MAH.MESUDIYE SOK. NO 34956 ORHANLI-TUZLA ISTANBUL, TUERKEI
3. Description of the product:	Traction Passenger Lift
4. Trademark, type:	Kleemann Asansor, Line 3000
5. Installation place of the type sample:	KLEEMANN HELLAS S.A. Kilkis Industrial Area Kilkis, GR-61100
6. Date of the examination application submission:	29.05.2017, 07.03.2019, <u>10.07.2019</u>
7. Dates of the examination:	May/June 2017, March 2019, <u>July 2019</u>
8. Inspection Body:	TÜV AUSTRIA HELLAS
9. Applied EU Directives:	Directive 2014/33/EU
10. EU – type examination report number and date:	<u>RT-LM/17/017, revision B – 23/07/2019</u>
11. Data for identifying the type / Conditions of validity General Data:	Machine Room Less, Gearless Indirect acting with wire ropes Nominal Load: 300 – 1.150 kg Maximum Speed: 1,60 m/s Maximum Travel: 60 m
12. Annexes with this certificate:	The report of point 10 is attached to the Certificate

EXAMINATION CONCLUSION:

The technical file submitted and the sample of the type of the product meets the essential health and safety requirements of the Directive 2014/33/EU.

Additional information:

The manufacturer / certificate holder must inform the Notified Body of all modifications to the approved type.

Initially issued: 29/06/2017

Revision A: 28/03/2019

Revision B: 24/07/2019 (the modifications are marked by underlining)

George Zouridis
Certifying Department



TÜV AUSTRIA
GROUP

EU - TYPE EXAMINATION REPORT

Directive 2014/33/EU, Annex IV_b

Notified Body:

TÜV AUSTRIA HELLAS

429, Mesogeion Ave
Athens, GR-15343

Report number:

RT-LM/17/017, revision B

Notified Body Identification Number:

0906

1. Name and address of the manufacturer:

**KLEEMANN ASANSOR
(KLEEMANN GROUP)**
ORTA MAH.MESUDIYE SOK.
NO 34956 ORHANLI-TUZLA
ISTANBUL, TUERKEI

2. Description of the product:

Traction passenger lift

3. Trademark, type:

Kleemann Asansor, Line 3000

4. Installation place of the type sample:

KLEEMANN HELLAS S.A.
Kilkis Industrial Area
Kilkis, GR-61100

5. Date of the examination application submission:

29.05.2017, 07.03.2019, 10.07.2019

6. Dates of the examination:

May/June 2017, March 2019, July 2019

7. Inspection Body:

TÜV AUSTRIA HELLAS

8. Applied EU Directives:

Directive 2014/33/EU

9. Inspector:

Fotis Armakas

10. TYPE DESCRIPTION

Basic specifications	Roping	2:1				
	Nominal load Q (kg)	300 kg	450 kg	630 kg	800 kg	1.150 kg
	Max car available area	According to EN 81-20:2014, clause 5.4.2.1.1 table 6				
	Minimum / Maximum total car weight P (kg)	510/800 kg	550/900 kg	590/1100 kg	650/1.100 kg	730/1.000 kg
	Maximum travel	60 m				
	Maximum speed	1,60 m/s				
	Max car entrances	2				
Machinery	Main machinery	Gearless Torin ERS, ER1 / Kleemann RNS, RN1 / Ziehl Abegg SM 200.30 C				
	Machinery space	Top of the well (MRL) / Machine room (MR)				
	Drive	VVVF (inverter) / Arkel - Arcode				
	Controller	Artemis-Arkel / In a cabinet located next to the landing door at the upper landing in the case of MRL				



Guide rails	Car guide rails	T 75x62x10	T 75x62x10	T 75x62x10	T 89X62X16	T 89X62X16
	Counterweight guide rails	T 50x50x5	T 50x50x5	T 50x50x5	T 50x50x5	T 70x65x9 T 50x50x5
	Max. distance between guide rail brackets (car / cwt)	2000 mm				
Suspension means	Ropes type / breaking load	Drako, 250T Ø 6,5 mm / 31,5 kN Gustav Wolf, PAWO 819W, Ø 6,5 mm / 31,5 kN				
	Number of ropes	5 or 6	5 or 6	6 or 7	8 or 10	8 or 10
	Traction sheave diameter	Ø 240 mm				
Well	Landing doors	Automatic sliding doors				
	Min pit depth	- 1.100 mm for rated speed up to 1,00 m/s - 1.250 mm for rated speed more than 1,00 m/s				
	Min headroom	- 3.400 mm for rated speed up to 1,00 m/s - 3.600 mm for rated speed more than 1,00 m/s				
Car	Car door description	Automatic sliding				
	Overload device	OMS-710, OMS-720, OLS 02/220-4, OLS 02/220-2				

11. SAFETY COMPONENTS

Component	Type	Manufacturer
Downwards overspeed protection	Progressive safety gear ASG 120	Dynatech
Upwards overspeed protection and protection against unintended car movement	Machine brake PZ300B, PZ300C, SPZ300 RSR/8010	Suzhou Torin Drive Equipment Co Chr. Mayr GmbH & Co. KG
Overspeed governor	KLG B	Kleemann
Car - Counterweight buffers	80-80, 125-80, 165-80 <u>300400L, 300401L, 300402L,</u> <u>300403L, 300404L</u> LSB16.B	BASF ACLA OLEO
Door locking device	Premium 265/11/50 210/10/40	Tecnolama Tecnolama Tecnolama



12. Examinations and tests

The type – examination procedure was partially based on the Standards EN 81-20 and EN 81-50. For issues not covered by or not complying with the above Standards, risk assessment methodology was applied and protective measures were adopted.

The type – examination included:

A. Examination of the technical file

The following parts of the product's technical file were examined:

- General description of the product and explanations necessary for understanding its operation
- Design and manufacturing drawings of the product and diagrams of the power and control circuits
- Calculations (car guide rails, suspension ropes, sheaves, traction evaluation)
- Certificates of the safety components
- Risk assessment – protective measures
- Instructions manual of the product

B. Inspections and tests were carried out in the sample of the type of the product in order to verify that it was manufactured in conformity with the technical file.

13. Examination Conclusion

The technical file submitted and the sample of the type of the product were found to meet the essential health and safety requirements of the Directive 2014/33/EU.

Initially issued: 28/06/2017

Revision A: 27/03/2019

Revision B: 23/07/2019 (the modifications are marked by underlining)

The inspector



Fotis Armakas
TÜV AUSTRIA HELLAS
Lifts & Lifting Appliances Sector

Kleemann Asansor, Line 3000

