

Type Examination Certificate

KB 55 / EB 75 KS ↓↑

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Type Examination Certificate

KB 55 ↓ - AFV 333

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Type Examination Certificate

EB 75 KS ↑ - ABV 313

ZERTIFIKAT

CERTIFICADO

‘ΕΡΤΙΤΤΑΤ

認証証書

CERTIFICATE

ZERTIFIKAT

EC-type examination certificate



Certificate no.: AFV 333/2

Notified body: TÜV Süddeutschland Bau und Betrieb GmbH
Zertifizierungsstelle
für Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München

**Applicant/
Certificate holder:** Schlosser Aufzugtechnologie GmbH
Felix - Wankel - Straße 4
D-85221 Dachau

Date of submission: 1999-04-16

Manufacturer: Schlosser Aufzugtechnologie GmbH
Felix - Wankel - Straße 4
D-85221 Dachau

Product, type: Progressive safety gear, type KB 55

Test Laboratory: TÜV Süddeutschland Bau und Betrieb GmbH
Abteilung Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München

**Date and
Number of test report:** 1999-04-20
333/2

EC-directive: 95 / 16 / EC

Statement: The safety component conforms to the directive's
safety requirements for the respective scope of
application stated on page 1 of the annex to this
EC type-examination certificate.

Certificate date: 2002-08-07 (German version 1999-04-20)

Zertifizierungsstelle für Aufzüge und Sicherheitsbauteile
Identification number: 0036


Peter Tkalec



Annex to the EC type-examination certificate No. AFV 333/2 dated 2002-08-07

1. Scope of Application

- 1.1 Permissible total mass of car and rated load or counterweight in using one pair of safety gears, depends on maximum tripping speed of the overspeed governor, the manufacture and the condition of the guide rails running surface

Max. tripping speed (m/s)	Manufactured by condition	Total mass (kg) min. - max.
1,50	machined dry or oiled*	2620 - 9100
3,83	machined dry or oiled*	2620 - 6300
5,06	machined dry	2620 - 5146
2,63	drawn dry or oiled*	4000 - 5800
3,23	drawn dry or oiled*	4000

*Mineral oils without additives (e.g. lubricating oils C according to DIN 51517 part 1)

For the intermediate values of the maximum tripping speed of 1,50 - 3,83, 3,83 - 5,06 and 2,63 - 3,23 m/s the corresponding maximum total mass can be determined through linear interpolation in the range of 9100 - 6300, 6300 - 5146 and 5800 - 4000 kg.

- 1.2 Maximum tripping speed of overspeed governor and range of maximum rated speed

Maximum tripping speed (m/s)	1,5	3,83	5,06	2,63	3,23
Maximum rated speed (m/s)	1,20 - 1,30	3,06 - 3,33	4,04 - 4,4	2,10 - 2,29	2,58 - 2,8

- 1.3 Guide rails to be used

1.3.1 Blade width 9 - 31,75 mm

1.3.2 Minimum running surface width 32 mm

2. Remarks

- 2.1 Pursuant to the standard EN 81, annex F, paragraph 3, section 3.4. a) 2) the total mass of the progressive safety gear determined for adjustment purposes may be 7,5% higher or lower.
- 2.2 In order to provide identification and information about the basic design and its functioning and to show which parts have been tested of the approved type drawing no. 5260.600.000 dated 12 April 1999 is to be enclosed with the EC type-examination certificate and the annex thereto. The environmental conditions and connection requirements of the safety gear are presented or described in separate documents. (e.g. operating instructions).
- 2.3 The EC type - examination certificate may only be used in connection with the pertinent annex.

EC-Declaration of conformity for safety components, 2002 / 2003

Manufacturer : Schlosser Aufzugtechnologie GmbH
Felix – Wankel - Straße 4
D-85221 Dachau

Product, type: Progressive safety gear, type KB 55

Fabrication number: please refer to label

Year of manufacturing: please refer to label

Harmonized standards: 95 / 16 / EC, EN 81-1

Test laboratory: TÜV Süddeutschland Bau und Betrieb GmbH
Abteilung Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München
(Certificate No.: 0036)

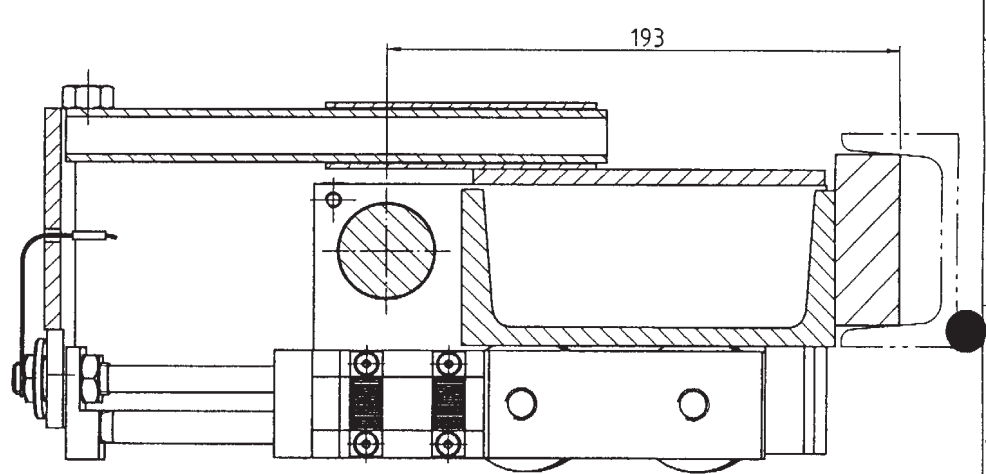
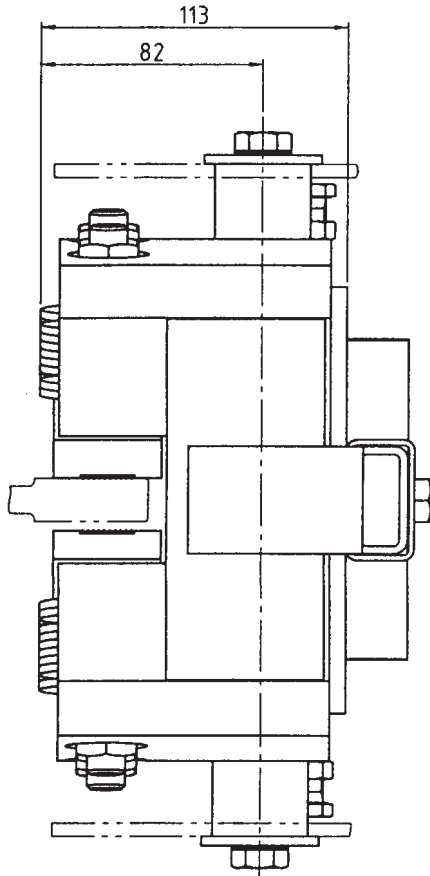
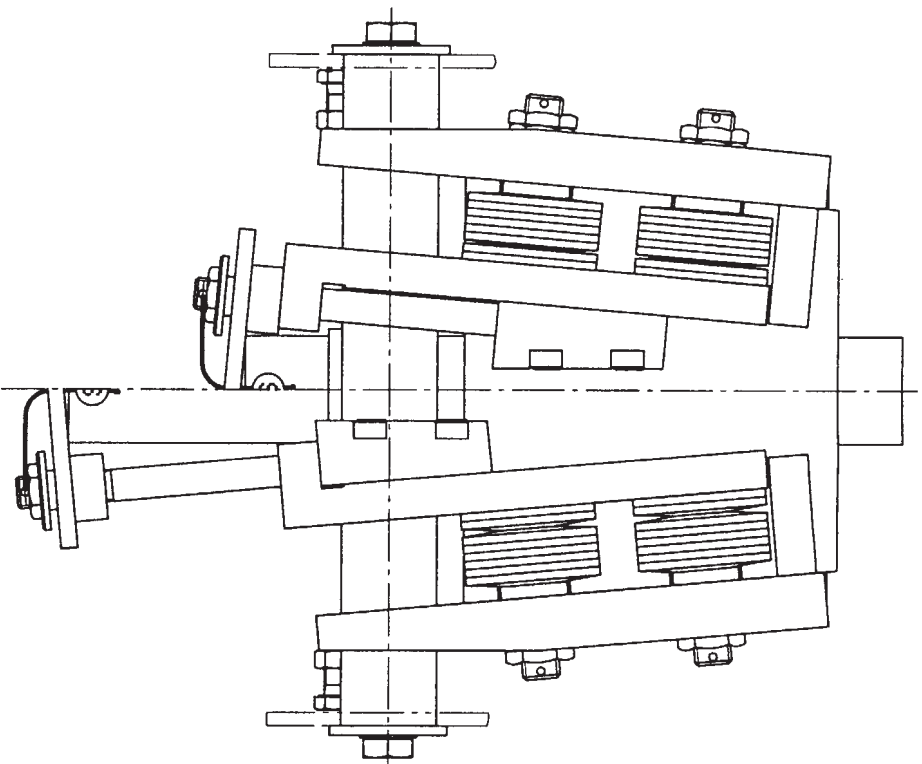
Certificate no.: AFV 333/2

Notified body: TÜV Süddeutschland Bau und Betrieb GmbH
Zertifizierungsstelle
für Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München
(Certificate No.: 0036)

Confirmed:



Horst Schlosser
Management



20. APR. 1999

- GEPÜFT -
 TÜV Bau- und Betriebstechnik GmbH
 Unternehmensgruppe TÜV Süddeutschland
 Regler Bg/Bm
 Zentralabteilung Anträge und Sicherheitsbourneile
 Der Sachverständige
Wagner

Verwendungsbereich		Freimaßtoleranz DIN 7168 mittel		Oberfläche	
Zust. Änderung		Datum		Name	
Datum		Name		Name	
EDV-Nr.		Datum		Name	
Bearb.		12.04.99		R. Wörmann	
Gepr.					
Norm					
Aufzugstechnologie					
SCHLOSSER					
D-85221 Dachau					
Teil-Nr. / Zeichnungs-Nr.		5260.600.000		FANGVORRICHTUNG KB 55 SAFETY GEAR KB 55	
Werkstoff-Nr.		Gewicht kg/l		Menge	
Halbzeug		Werkstoff		Menge	
Blatt		81			

ZERTIFIKAT

CERTIFICADO

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認証証書

CERTIFICATE

ZERTIFIKAT

EC-type examination certificate



Certificate no.: ABV 313/4

Notified body: TÜV Süddeutschland Bau und Betrieb GmbH
Zertifizierungsstelle
für Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München

**Applicant/
Certificate holder:** Schlosser Aufzugtechnologie GmbH
Felix - Wankel - Straße 4
D-85221 Dachau

Date of submission: 2001-03-29

Manufacturer: Schlosser Aufzugtechnologie GmbH
Felix - Wankel - Straße 4
D-85221 Dachau

Product, type: Braking device acting on the car as part of the
protection device against overspeed for the car
moving in upwards direction, type EB 75 KS/MS

Test Laboratory: TÜV Süddeutschland Bau und Betrieb GmbH
Abteilung Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München

**Date and
Number of test report:** 2001-04-18
313/4/B

EC-directive: 95 / 16 / EC

Statement: The safety component conforms to the directive's
safety requirements for the respective scope of
application stated on page 1 of the annex to this
EC type-examination certificate.

Certificate date: 2002-08-07 (German version 2001-04-18)

Zertifizierungsstelle für Aufzüge und Sicherheitsbauteile
Identification number: 0036


Peter Tkalec



Annex to the EC type-examination certificate No. ABV 313/4 dated 2002-08-07

1. Scope of Application

- 1.1 Permissible brake force when using the braking devices in twos, depends on maximum tripping speed of the overspeed governor, the manufacture and the condition of the guide rails running surface and the quality of the tension jaw

Max. tripping speed (m/s)	Manufactured by	Quality of tension jaw	Brake force (N)	
			min.	max.
2,16	drawn and machined	Steel / KS	21974	43949
2,63	drawn and machined	Steel / KS	21974	
3,23	machined	Brass / MS	12557	21974

For the intermediate values of the maximum tripping speed of 2,16 - 2,63 m/s the corresponding maximum brake force can be determined through linear interpolation in the range of 43949 - 21974N

- 1.2 Maximum tripping speed of overspeed governor and range of maximum rated speed

Maximum tripping speed (m/s)	1,5	2,16	2,63	3,23
Maximum rated speed (m/s)	1,20 - 1,30	1,73 - 1,88	2,10 - 2,29	2,58 - 2,81

- 1.3 Guide rails to be used

- 1.3.1 Condition of running surface width dry or oiled*
 *Mineral oils without additives
 (e.g. lubricating oils C according to DIN 51517 part 1)
- 1.3.2 Blade width 9 - 31,80 mm
- 1.3.3 Minimum running surface width 25 mm

2. Conditions

- 2.1 The braking device must be fastened directly to the car. The brakes must act on the guide rails.
- 2.2 Since the braking device represents only the decelerating element of the protection device against overspeed for the car moving in upwards direction, the speed monitoring element for upwards direction must be an overspeed governor which also retracts the braking device as per EN 81-1, section 9.9.
- 2.3 The forces acting in upwards direction on the guide rails must be safely absorbed (e.g. without shifting the guide tails in upwards direction).

3. Remarks

- 3.1 The permissible brake forces must be applied to the lift system in such a manner, that the empty car moving in upwards direction is not decelerated by more than 1 g.
- 3.2 In order to provide identification and information about the basic design and its functioning and to show which parts have been tested of the approved type drawing No. 5240.601.000 dated 12 April 1999 is to be enclosed with the EC type - examination certificate and the annex thereto. The environmental conditions and connection requirements of the safety gear or described in separate documents. (e.g. operating instructions).
- 3.3 The EC type - examination certificate may only be used in connection with the pertinent annex.

EC-Declaration of conformity for safety components, 2002 / 2003

Manufacturer : Schlosser Aufzugtechnologie GmbH
Felix – Wankel - Straße 4
D-85221 Dachau

Product, type: Braking device acting on the car as part of the
protection device against overspeed for the car
moving in upwards direction, type EB 75 KS/MS

Fabrication number: please refer to label

Year of manufacturing: please refer to label

Harmonized standards: 95 / 16 / EC, EN 81-1

Test laboratory: TÜV Süddeutschland Bau und Betrieb GmbH
Abteilung Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München
(Certificate No.: 0036)

Certificate no.: ABV 313/4

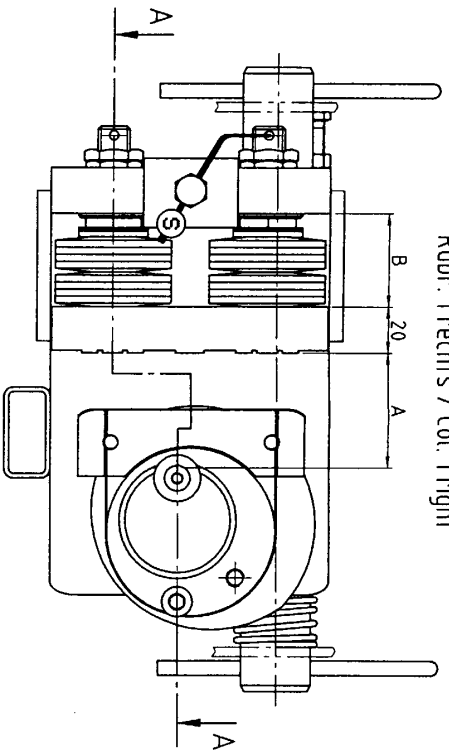
Notified body: TÜV Süddeutschland Bau und Betrieb GmbH
Zertifizierungsstelle
für Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München
(Certificate No.: 0036)

Confirmed:

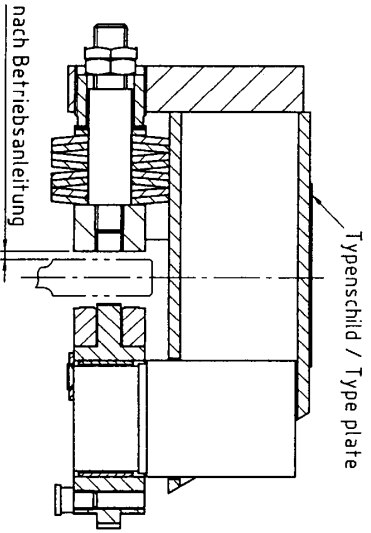


Horst Schlosser
Management

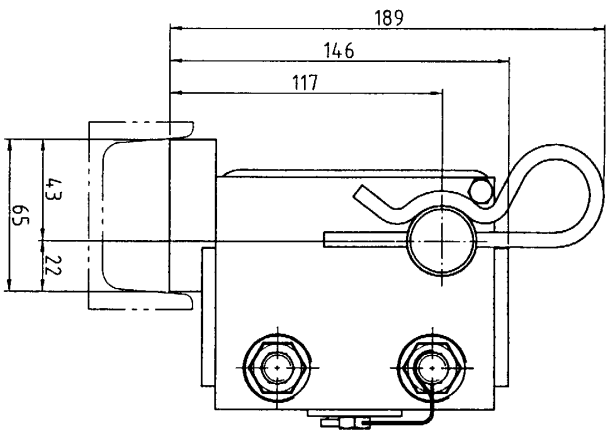
Rubr. 1 rechts / Col. 1 right



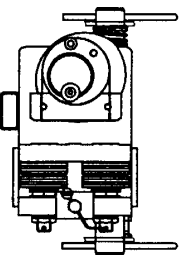
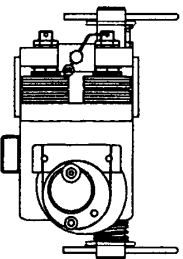
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Rubr. 3 EB 75 MS / Col. 3 EB 75 MS (M 1:5)



Rubr. 2 links / Col. 2 left (M 1:5)



20. APR. 1999

- GEBRÜTT -

TÜV Bau- und Betriebstechnik GmbH
 Unternehmensgruppe TÜV Süddeutschland
 Regio-Bayern
 Zentralabteilung Prüfzettel und Sicherheitsberichte
 Der Sachverständigen

Typen



Verwendungsbereich	Freiwillige DIN 7168 mittel	Oberfläche	
Handstab	1:2	Position	Menge
Halbzeug	Verstärker		
Werkstoff-Nr.		Gewicht (kg)	

BREMSEINRICHTUNG EB 75 KS / MS
 BRAKING DEVICE EB 75 KS / MS

Teil-Nr. / Zeichnungs-Nr.
 5240.601.000

Blatt
 BI

Beauftragter	Beauftragter	Datum	Name
Gepr.	Gepr.	12.04.99	R. Wörmann
Norm	Norm		
Zust.	Änderung	Datum	Name

AUFZUGTECHNOLOGIE
 SCHLOSSER
 D-85221 Dachau