ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Industrie Service

EU-TYPE EXAMINATION CERTIFICATE

According to Annex IV, Part A of 2014/33/EU Directive

Certificate No.:	EU-SG 333
Certification Body of the Notified Body:	TÜV SÜD Industrie Service GmbH Westendstr. 199 80686 Munich – Germany Identification No. 0036
Certificate Holder:	G. Schlosser Aufzugtechnologie GmbH Felix-Wankel-Strasse 4 85221 Dachau – Germany
Manufacturer of the Test Sample: (Manufacturer of Serial Production - see Enclosure)	G. Schlosser Aufzugtechnologie GmbH Felix-Wankel-Strasse 4 85221 Dachau – Germany
Product:	Progressive safety gear
Type:	KB 55
Directive:	2014/33/EU
Reference Standards:	EN 81-20:2014 EN 81-50:2014 EN 81-1:1998+A3:2009 EN 81-2:1998+A3:2009
Test report:	EU-SG 333 of 2016-12-12
Outcome:	The safety component conforms to the essential health and safety requirements of the mentioned Directive as long as the requirements of the annex of this certificate are kept.
Date of Issue:	2017-01-09

TÜV SÜD Industrie Service GmbH 00 36 Notified Body

Achim Janocha
Certification Body "lifts and cranes"

TÜV®

Annex to the EU-Type-Examination Certificate No. EU-SG 333 of 2017-01-09

Industrie Service

1 Scope of application

1.1 Generally

Following application possibility refer to a brand new pair of safety gear depending on manufacture and condition of the guide rail running surface and maximum rated and tripping speed.

Guide rails to be used

Minimum running surface width	32 mm
Blade width	9 – 31.75 mm

Note:

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

1.2 Using as a progressive safety gear (acting downwards) - permissible total mass of car and rated load depending on maximum rated and tripping speed

Manufacturing of running surface	Condition guide rail	Max. range of rated speed [m/s]	Max. tripping speed [m/s]	Total mass [kg] min. – max.
machined	dry or oiled*	1.20 – 1.30	1.50	2620 – 9100
		3.06 – 3.33	3.83	2620 – 6300
	dry	4.04 – 4.40	5.06	2620 – 5146
drawn	dry or oiled*	2.10 – 2.29	2.63	4000 – 5800
		2.58 – 2.81	3.23	4000

For the intermediate values of the maximum tripping speed of 1.50 – 3.83, 3.83 – 5.06 und 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 und 5800 – 4000 kg.

2 Terms and Conditions

2.1 The identification drawing No. 5260.0000.011 including stamp dated 2016-12-12 shall be included to the EU type-examination for the identification and information of the general construction and operation and distinctness of the approved type.

2.2 The EU type-examination certificate may only be used in combination with the corresponding annex and enclosure (List of authorized manufacturer of the serial production). The enclosure will be updated immediately after any change by the certification holder.

3 Remarks

3.1 Pursuant to the comment standard EN 81-50, the total mass determined for adjustment purposes may be 7.5 % higher or lower.

3.2 The progressive safety gear can also be used to a counterweight in compliance with the permissible total mass according table 1.2 of this certificate till permissible tripping speed.

3.3 The progressive safety gear can also be used in a rail dependent storage and retrieval equipment with a guide rail blade width till 80 mm, respectively 102 mm according drawing number 5269.300.012 or 5260.0800.012 each with testing date 2016-12-12.

3.4 Examination of compliance with other requirements according standard, reduction of braking forces due to wear-and-tear or alterations to the installation due to the installation's operation such as alterations to the running surfaces of the guide rails, are not part of this type-examination.

3.5 This EU type-examination certificate was issued according to the following standards:

- EN 81-1:1998 + A3:2009 (D), Annex F.3
- EN 81-2:1998 + A3:2009 (D), Annex F.3
- EN 81-20:2014 (D), part 5.6.2.1.1.2
- EN 81-50:2014 (D), part 5.3

A revision of this EU type-examination certificate is inevitable in case of changes or additions of the above mentioned standards or of changes of state of the art.

Enclosure to the EU Type-Examination Certificate No. EU-SG 333 of 2017-01-09

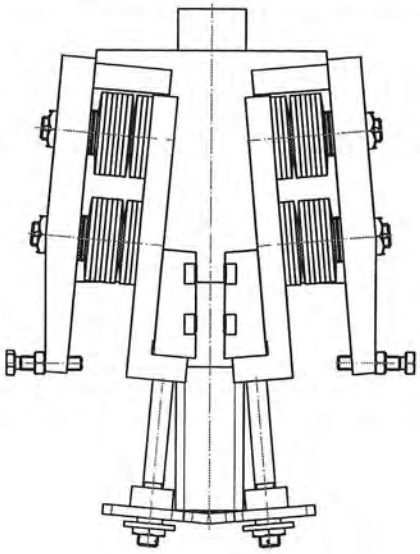
Industrie Service

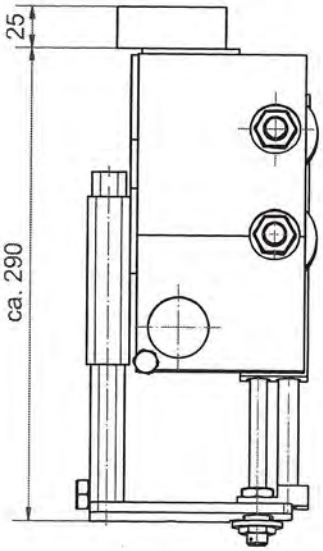
Authorised Manufacturer of Serial Production – Production Sites (valid from: 2017-01-09):

Company	G. Schlosser Aufzugtechnologie GmbH
Address	Felix-Wankel-Strasse 4 85221 Dachau – Germany

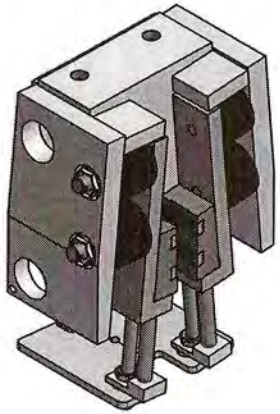
- END OF DOCUMENT -

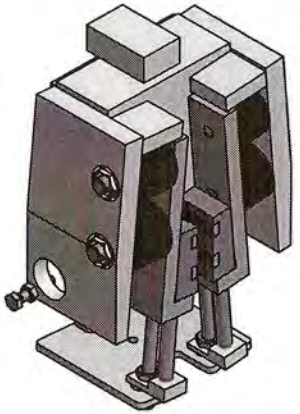
Based on: Document from G. Schlosser Aufzugtechnologie GmbH of 2016-01-22

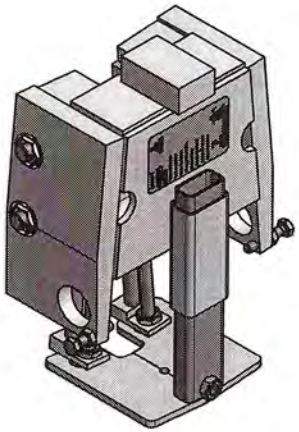


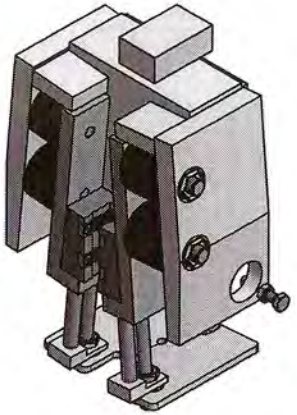


Ansicht 2 Achs-Aufnahme

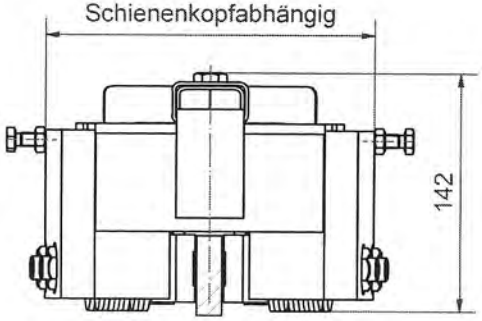








Schienenkopfabhängig



12. DEZ. 2016

GEPRÜFT / APPROVED
TÜV SÜD Industrie Service GmbH
Prüflaboratorium für Produkte der Fördertechnik
Westendstraße 199
80686 München
Sachverständiger / Expert

TÜV SÜD Industrie Service GmbH

Änd.	kommt vor	Änderungs-Nr.	Änderung	Datum: Gez.	Name	Ges.

Oberflächen	Ra in um	ISO 1302
Allgemeintoleranzen Schweißkonstruktionen		ISO 13920-BF

Aufzugtechnologie Schlosser

Verwendungsbereich: EU-SG 333		Werkstoff	Halbzeug
		Maßstab im Orig. 1:3 (1:4)	Masse(Gewicht) -
Maße in mm	Gez. 22.11.2016 Martinez	Benennung: Massbild KB 55 / Dimensioned Drawing KB 55	
	Gepr. 07.12.2016 HTS		
Tolerierung ISO 8015 ISO 2768-mH	Ges. / Abt.	Zeichnungs-Nr. 5260.0000.011	Änd. / Blatt 1 / A3

AUFZUGTECHNOLOGIE SCHLOSSER D-85221 Dachau

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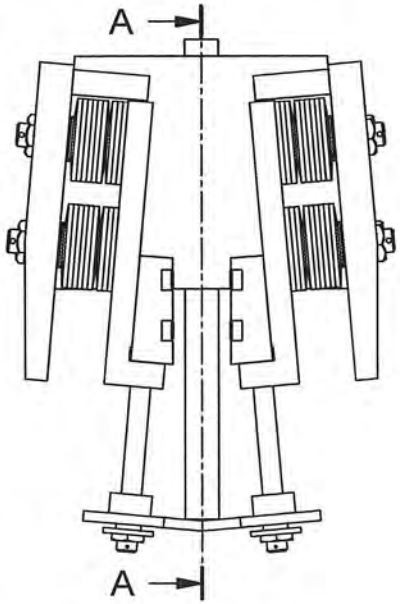
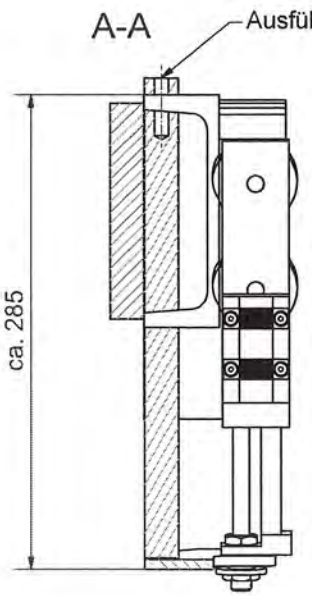
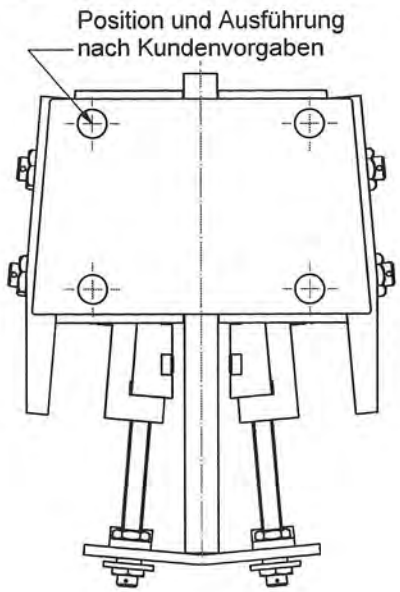
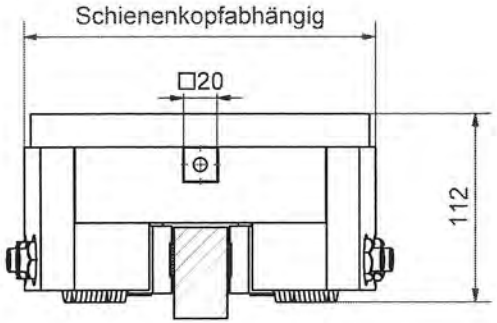


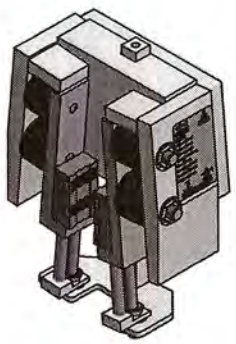


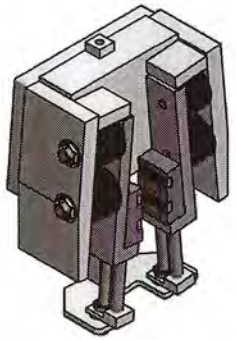




12. Dez. 2016

TÜV SÜD Industrie Service GmbH





Max. Schienenkopfstärke 80mm

Änd.	kommt vor	Änderungs-Nr.	Änderung	Datum: Gez.	Name	Ges.

Oberflächen	Ra in um	ISO 1302
Allgemeintoleranzen Schweißkonstruktionen		ISO 13920-BF

Aufzugtechnologie Schlosser

Verwendungsbereich
EU-SG 333
Anhang, Kap. 3.3

Maße in mm

Tolerierung
ISO 8015
ISO 2768-mH

	Datum	Name
Gez.	05.12.2016	S.Htz
Gepr.	07.12.2016	HTS
Ges.		
Abt.		

AUFZUGTECHNOLOGIE SCHLOSSER
D-85221 Dachau

Werkstoff | Halbzeug

Maßstab im Orig. 1:3 (1:5) | Masse(Gewicht) -

Benennung
Massbild KB55 RBG
Dimensioned Drawing KB55 RBG

Zeichnungs-Nr. 5269.300.012 | Änd. | Blatt 1 | A3

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