



Industrie Service

EC TYPE-EXAMINATION CERTIFICATE

According to Annex V, Part A of 95/16/EC Directive

Certificate No.: AGB 180/3

Certification Body of the Notified Body: TÜV SÜD Industrie Service GmbH
Westendstr. 199
80686 Munich – Germany
Identification No. 0036

Certificate Holder: INVENTIO AG
Seestrasse 55
6052 Hergiswil – Switzerland

Manufacturer of the Test Sample: Schindler Drive Systems
Poligono “Empresarium”
Albardin, 58
50720 La Cartuja Baja – Zaragoza – Spain
(Manufacturer of Serial Production - see Enclosure)

Product: Overspeed governor

Type: SA GBD 202
ID-Nr.: 59344300

Directive: 95/16/EC

Reference Standards: EN 81-20:2014
EN 81-50:2014
EN 81-1:1998+A3:2009
EN 81-2:1998+A3:2009

Test report: AGB 180/3 of 2015-07-15

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: 2015-07-17

Werner Rau

Werner Rau

Certification Body “lifts and cranes”



**Annex to the EC type-examination certificate
no. AGB 180/3 dated 2015-07-17**



Industrie Service

1 Scope of application

1.1	Permissible tripping speed	0.70 – 2.35 m/s
1.2	Permissible rated speed	≤ 2,04 m/s
1.3	Driving rope	
1.3.1	Type	Round strand rope made of steel wire
1.3.2	Diameter	6 – 6.5 mm
1.4	Minimum tension force (force produced by the tensioning weight, acting on the axle of pulley)	720 N
1.5	Tensile force determined in the test (new rope and groove) at existing tensioning force	
1.5.1	In downwards direction	1568 N
1.5.2	In upwards direction	335 N

2 Conditions

- 2.1 The adjusted tripping speeds must be sealed against unauthorised adjustment.
- 2.2 Retraction of the safety gear in both directions of rotation permissible.
- 2.3 Deflection of rope way is optional, tensile force with rope way with 90° turned against normal direction (laterally to the right or left) must not exceed 4000 N, and tensile force with rope way with 180° turned against normal direction (upward) must not exceed 6000 N . Height of the tensioning weight is to be determined accordingly.
- 2.4 Design with and without remote release possible.
- 2.5 For identification and information about the principal construction and operation and for demarcation of the examined and approved sample the identification drawing M __ 41344300 with certification stamp dated 2015-07-17 has to be enclosed to the EC type-examination certificate and its annex.
- 2.6 The EC type-examination certificate may only be used in connection with the pertinent annex and the enclosure (list of the manufacturers serial production). This enclosure shall be updated and re-edited following information of the certificate holder.

3 Remarks

- 3.1 The overspeed governor can be used as a part of the protection device against overspeed for the car moving in upwards direction. Monitoring of upward speed will be done by overspeed governor itself and a braking device can be triggered (engaged) via the overspeed governor's electric safety device or mechanically.
- 3.2 This EC type-examination certificate is based modelled after and /or harmonized standards as following:
 - EN 81-1:1998 + A3:2009 (D), Annex F.4
 - EN 81-2:1998 + A3:2009 (D), Annex F.4
 - EN 81-20:2014 (D), point 5.6.2.2.1.1 b), point 5.6.2.2.1.2, point 5.6.2.2.1.7
 - EN 81-50:2014 (D), point 5.4
- 3.3 Changes resp. extensions of the upper mentioned standards or a further development of the state of the art may make a revision of this EC type-examination certificate necessary.

Note: The English text is a translation of the German original. In case of any discrepancy, the German version is valid only.

**Enclosure of EC type-examination certificate
no. AGB 180/3 dated 2015-07-17**



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Manufacturer serial production – production sites (Stated: 2015-07-17):

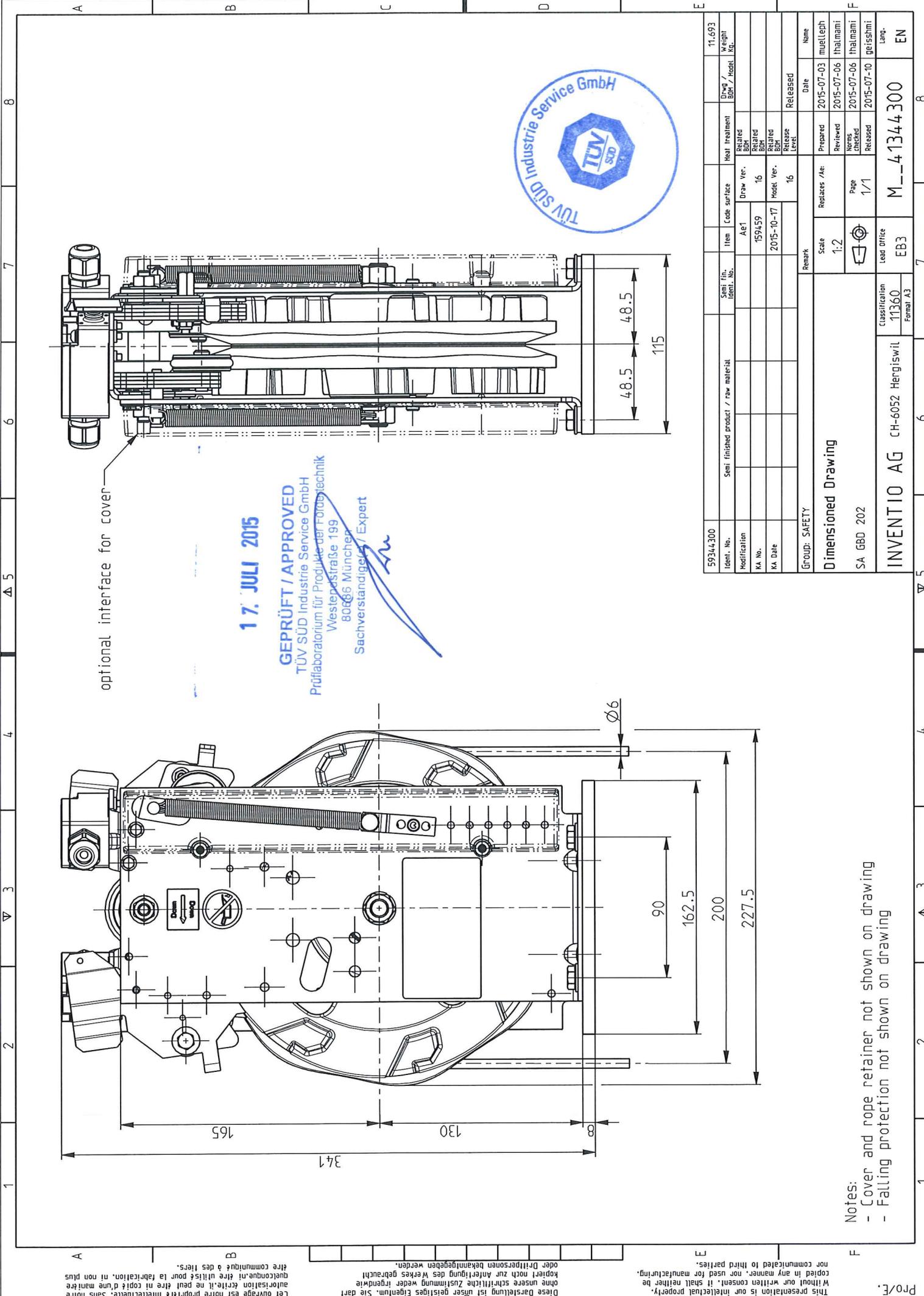
Company **Schindler Drive Systems**
Address Poligono “Empresarium”
 Albardin 58
 50720 La Cartuja Baja - Zaragoza – Spain

Company **Schindler (China) Elevator Co. Ltd.**
Address No. 818 Jin Men Road
 Suzhou 215004 – P.R. China

Company **Elevadores Atlas Schindler S. A.**
Address R. Angelina Ricci Vezozzo, 3400
 86087 Londrina – Brasil

- ENDE DOKUMENT -

Base: Letter of SCHINDLER Aufzüge AG dated 28.01.2015



optional interface for cover

17. JULI 2015

GEPRÜFT / APPROVED
 TÜV SÜD Industrie Service GmbH
 Prüflaboratorium für Produkte der Foto-Technik
 Westplatzstraße 199
 80666 München
 Sachverständiger / Expert



59344300	Item No.	Semi finished product / raw material	Item	Code surface	Heat treatment	11.693
	Modification		AE1	Draw Ver.	Related BOM	Weight
	KA No.		159459	16	Related BOM	
	KA Date		2015-10-17	Model Ver.	Release BOM	
				16	Release Level	
GROUP: SAFETY						
Dimensioned Drawing						
SA GBD 202						
Classification 11360						
Formal A3						
Lead Office EB3						
M__41344300						
Lang. EN						

- Notes:
- Cover and rope retainer not shown on drawing
 - Falling protection not shown on drawing

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