



Industrie Service

# EU-TYPE EXAMINATION CERTIFICATE

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

<b>Certificate No.:</b>	EU-OG 223
<b>Certification Body of the Notified Body:</b>	TÜV SÜD Industrie Service GmbH Westendstr. 199 80686 Munich – Germany Identification No. 0036
<b>Certificate Holder:</b>	INVENTIO AG Seestrasse 55 6052 Hergiswil – Switzerland
<b>Manufacturer of the Test Sample:</b> (Manufacturer of Serial Production - see Enclosure)	Schindler Drive Systems Poligono "Empresarium" Albardin, 58 50720 La Cartuja Baja - Zaragoza – Spain
<b>Product:</b>	Overspeed governor
<b>Type:</b>	SA GB 32 ID-Nr.: 59348340
<b>Directive:</b>	2014/33/EU
<b>Reference Standards:</b>	EN 81-20:2014 EN 81-50:2014
<b>Test report:</b>	No. EU-OG 223 of 2017-12-20
<b>Outcome:</b>	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 EU-type examination certificate are kept.
<b>Date of Issue:</b>	2017-12-20

Achim Janocha /  
Certification Body "lifts and cranes"



**Annex to the EU-Type Examination Certificate  
No. EU-OG 223 dated 2017-12-20**



Industrie Service

**1 Scope of application**

- 1.1 Permissible tripping speed 0.67 – 11.03 m/s
- 1.2 Permissible rated speed ≤ 8.00 m/s
- 1.3 Driving rope
- 1.3.1 Type Round strand rope made of steel wire with wire rope core or synthetic fibre core
- 1.3.2 Diameter 8 or 9.5 mm

1.4 Minimum tensile force depending on the core, the design of the brake linings and maximum tripping and nominal speed

Minimum tensile force (N)	1000	2000	3000	4500
Core	synthetic fibre	synthetic fibre	wire rope	wire rope
Brake lining	without inserts	without inserts	with inserts	with inserts
Max. permissible tripping speed (m/s)	11.03	6.93	11.03	6.93
Max. permissible nominal speed (m/s)	8.00	5.00	8.00	5.00

**2 Conditions**

- 2.1 The adjusted tripping speeds must be sealed against unauthorised adjustment.
- 2.2 The direction of rotation for retracting the safety gear is to be marked at overspeed governor.
- 2.3 For identification and information about the principal construction and operation and for demarcation of the examined and approved sample the identification drawing M \_\_ 41348340 with certification stamp dated 2015-07-17 has to be enclosed to the EU-type examination certificate and its annex.
- 2.4 The EU-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.
- 3.2 This EU-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 EU-type examination certificate necessary.

Enclosure of EU-Type Examination Certificate  
No. EU-OG 223 dated 2017-12-20



Industrie Service

**Authorised Manufacturer of Serial Production – Production Sites (Stated: 2017-12-20):**

**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  
215004 Suzhou – P.R. China

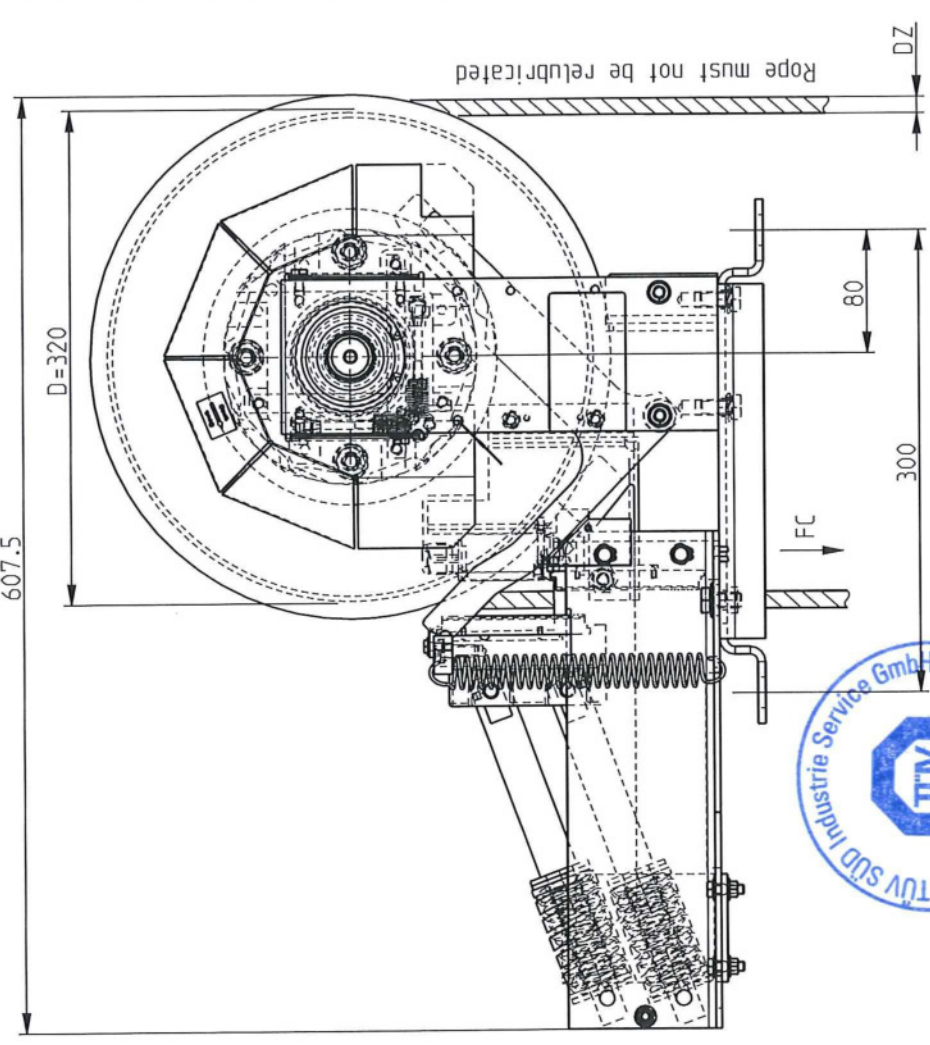
**Company** Schindler (China) Elevator Co. Ltd.  
**Address** No. 555 Xing Shun Road, Jiading District,  
201800 Shanghai – P.R. China

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

- ENDE DOKUMENT -



1 2 3 4 5 6 7 8



Serial number  
Incremental pulse generator (option)

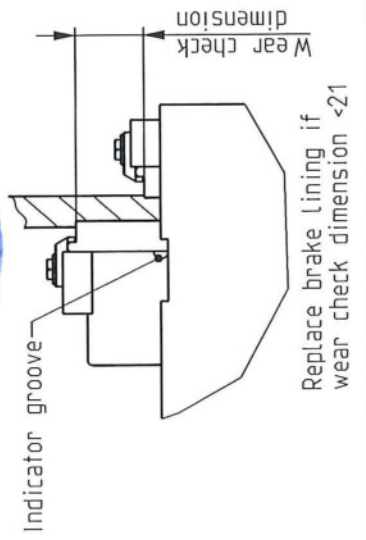
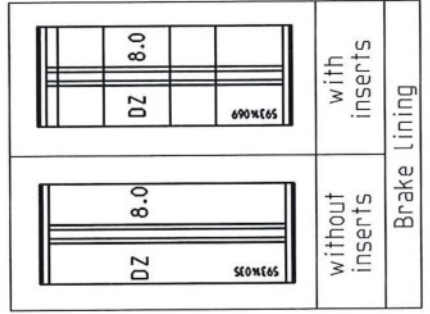
17. JULI 2015  
**GEPRÜFT / APPROVED**  
 TÜV SÜD Industrie Service GmbH  
 Prüflaboratorium für Produkte der Fördertechnik  
 Westendstraße 199  
 80686 München  
 Sachverständigen / Expert

Brake lining:

3000N, 4500N	9.5	with
3000N, 4500N	8.0	with
1000N, 2000N	9.5	without
1000N, 2000N	8.0	without
FC	DZ	Inserts

Cover including rope guard not shown on drawing

59318340	Semi finished product / raw material	Item	Code surface	Heat treatment	Draw / Model	Weight
Ident. No.		AE1		Related BDM		2.388
Modification		159479	Draw Ver.	Related BDM		
KA No.		2015-10-17	Model Ver.	Release Level		
KA Date				Release Date		
Group: 01						
Remarks						
Scale 1:1						
Revisions / A/c						
Prepared 2015-07-06 muelleg						
Reviewed 2015-07-07 metehda						
Norms checked 2015-07-07 metehda						
Released 2015-07-07 geissm						
Name						
Overspeed governor SA GB 32						
Identification for Type Exam. Cert.						
Classification 11360						
Format A3						
INVENTIO AG CH-6052 Hergiswil						
Lead Office EB3						
M_41348340						
Lang. EN						



Cet ouvrage est notre propriété intellectuelle. Sans notre autorisation écrite, il ne peut être ni copié d'une manière quelconque, ni être utilisé pour la fabrication, ni non plus être communiqué à des tiers.

Diese Darstellung ist unser geistiges Eigentum. Sie darf ohne unsere schriftliche Zustimmung weder reproduziert noch zur Anfertigung des Werkes gebraucht oder Dritten Personen bekanntgegeben werden.

This presentation is our intellectual property. Without our written consent, it shall neither be copied in any manner, nor used for manufacturing, nor communicated to third parties.

PROF.