



Industrie Service

EC TYPE-EXAMINATION CERTIFICATE

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

Certificate No.:	AGB 242/2
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: (Manufacturer of Serial Production - see Enclosure)	Schindler Drive Systems Poligono “Empresarium” Albardin, 58 50720 La Cartuja Baja – Zaragoza – Spain
Product:	Overspeed governor
Type:	SA GBP 202 ID-Nr.: 59314701
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 242/2 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 242/2 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 forces (force produced by the tensioning weight, acting on the axis of rope deviating pulley)	
1.4.1	Tensioning force determined in the test (New rope and groove)	135 N
1.4.2	Tension force determined by calculation (coefficient of friction $\mu = 0.09$)	1008 N
1.5	Tensile force at minimum tension force	1000 N

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 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 _ _ 41314701 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.
- 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 242/2 dated 2015-07-17**



Industrie Service

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
 215004 Suzhou – 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

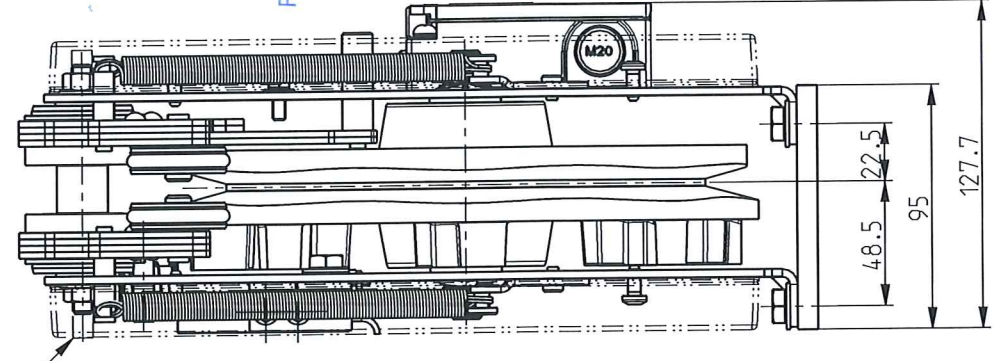
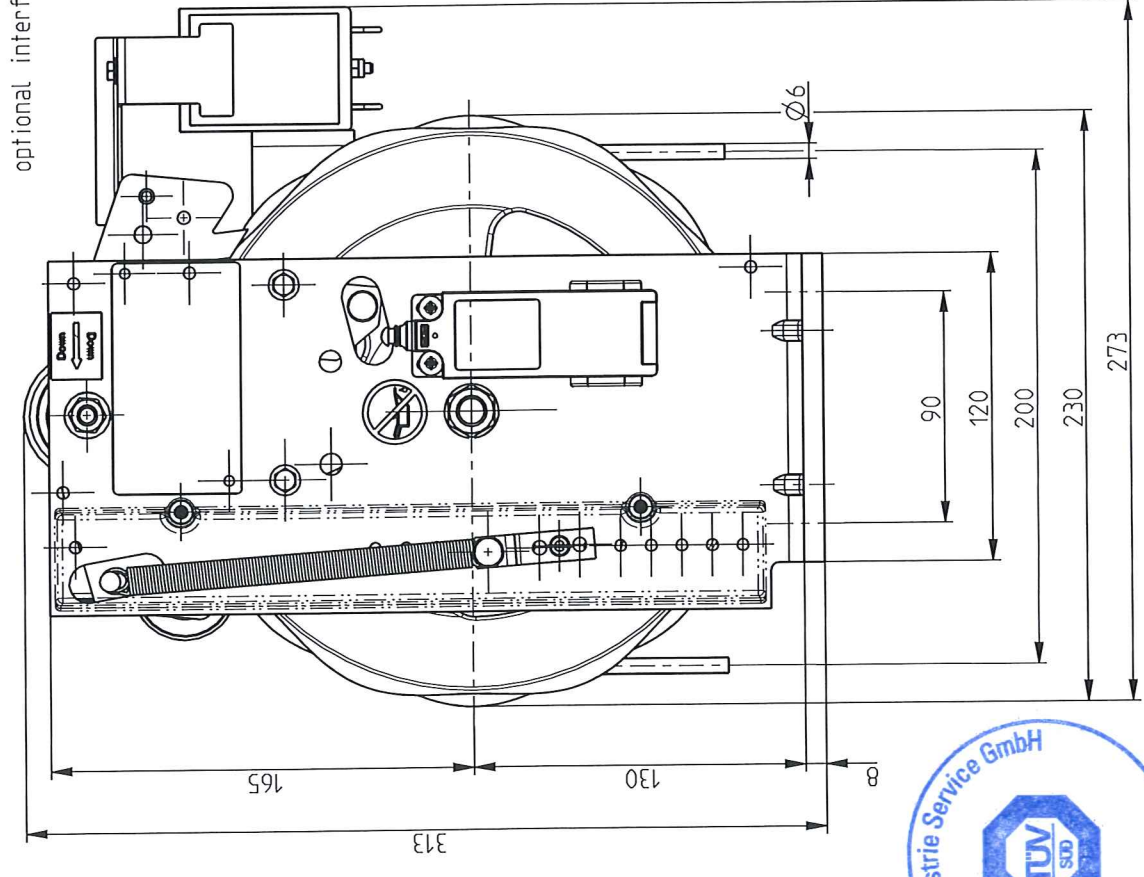
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- Notes:
- Cover and rope retainer not shown on drawing
 - Falling protection not shown on drawing
 - Different optional electrical remote controls available
 - Different safety switches available



17. JULI 2015
GEPRÜFT / APPROVED
 TÜV SÜD Industrie Service GmbH
 Prüflaborium für Produkte der Forstechnik
 Westendstraße 199
 80686 München
 Sachverständig(r) / Expert

59314701	Semi finished product / raw material	Item	Code surface	Heat treatment	Draw / Model	12.002
Ident. No.	Ident. No.	Related BPH	Draw Ver.	Prepared	2015-07-03	Weight Kg.
Modification	AE2	Related BPH	13	Reviewed	2015-07-06	
KA No.	159459	Related BPH	2015-10-17	Norms checked	2015-07-06	
KA Date		Model Ver.	12	Released	2015-07-10	
GROUP: SAFETY						
Dimensioned Drawing						
SA GBP 202						
INVENTIO AG CH-6052 Hergiswil						
Classification 11360						
Format A3						
Lead Office EB3						
M_41314701						
Lang. EN						

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