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

Industrie Service

EU-TYPE EXAMINATION CERTIFICATE

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

Certificate No.:	EU-OG 180
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 GBD 202 ID-Nr.: 59344300
Directive:	2014/33/EU
Reference Standards:	EN 81-20:2014 EN 81-50:2014
Test report:	No. EU-OG 180 of 2017-12-20
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 EU-type examination certificate are kept.
Date of Issue:	2017-12-20

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-OG 180 dated 2017-12-20

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 . The mass 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 EU-type examination certificate and its annex.

2.6 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 or mechanically.

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 certifcate necessary.

Enclosure of EU-Type Examination Certificate
No. EU-OG 180 dated 2017-12-20

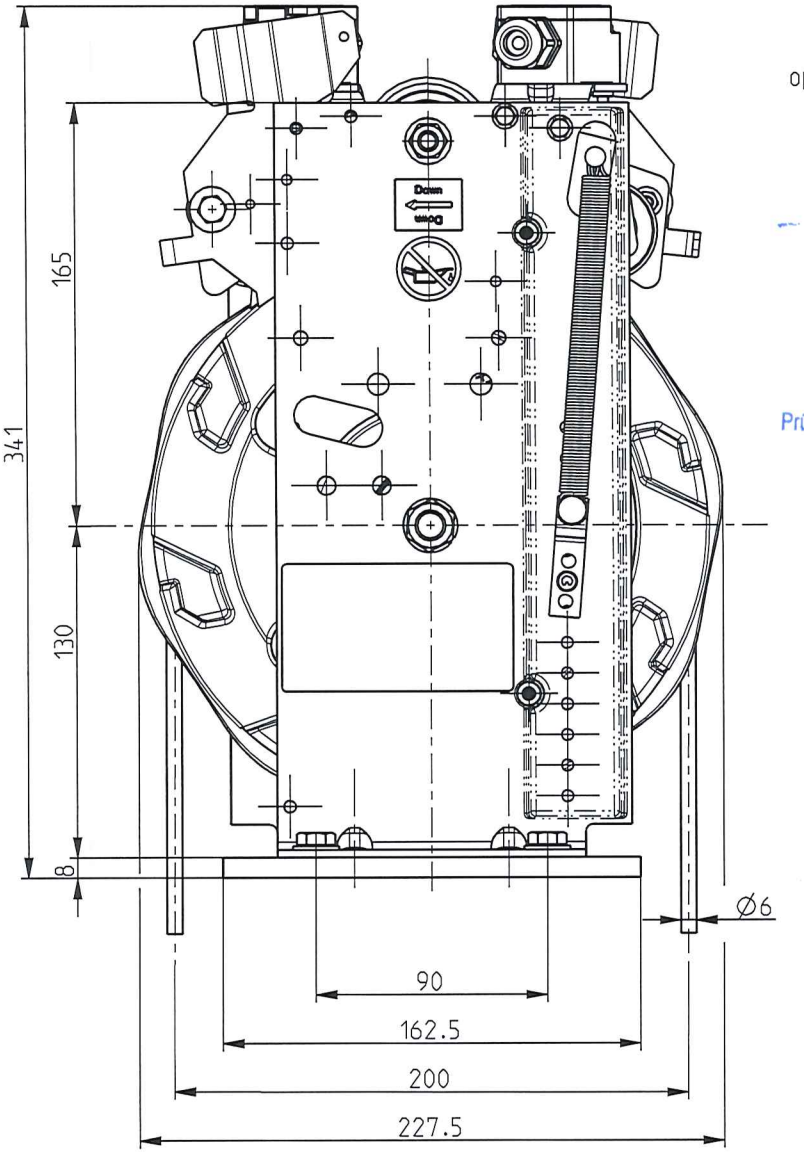
Industrie Service

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

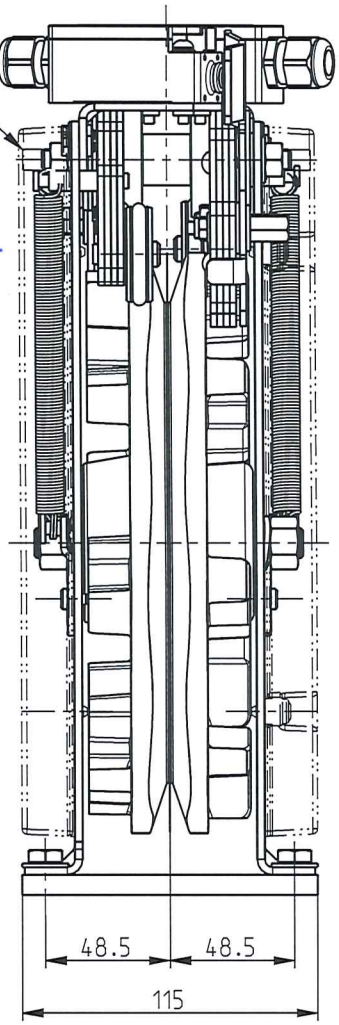
Company	Schindler Drive Systems
Address	Poligono "Empresarium" Albardin 58 50720 La Cartuja Baja - Zaragoza – Spain
Company	Schindler (China) Elevator Co. Ltd.
Address	No. 818 Jin Men Road Suzhou 215004 – P.R. China
Company	Elevadores Atlas Schindler S. A.
Address	R. Angelina Ricci Vezozzo, 3400 86087 Londrina – Brasil

- ENDE DOKUMENT -

Based on: Application from Co. Schindler Aufzüge AG dated 2017-12-12



optional interface for cover



17. JULI 2015

GEPRÜFT / APPROVED
TÜV SÜD Industrie Service GmbH
Prüflaboratorium für Produkte der Fördertechnik
Westendstraße 199
80686 München
Sachverständige(r) / Expert

TÜV SÜD Industrie Service GmbH

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

59344300								11.693
Ident. No.	Semi finished product / raw material	Semi fin. Ident. No.	Item	Code surface	Heat treatment	Drwg / BOM / Model	Weight Kg.	
Modification		Ae1	Draw Ver.	Related BOM				
KA No.		159459	16	Related BOM				
KA Date		2015-10-17	Model Ver.	Related BOM				
			16	Release Level	Released			

Group: SAFETY	Remark		Date	Name
Dimensioned Drawing	Scale 1:2	Replaces /Ae:	Prepared	2015-07-03 muelleph
			Reviewed	2015-07-06 thalmami
SA GBD 202		Page 1/1	Norms checked	2015-07-06 thalmami
			Released	2015-07-10 geisshmi

INVENTIO AG CH-6052 Hergiswil	Classification 11360 Format A3	Lead Office EB3	M__41344300	Lang. EN

Pro/E.