



EC type-examination certificate

Certificate no.:	AGB 081/9
Notified body:	TÜV SÜD Industrie Service GmbH Westendstr. 199 80686 München - Germany
Applicant/ Certificate holder:	Inventio AG Seestr. 55 6052 Hergiswil - Switzerland
Date of application:	2013-10-23
Manufacturer of the test sample:	Schindler Drive Systems Poligono „Empresarium“ Albardin, 58 50720 La Cartuja Baja – Zaragoza - Spain
Product:	Overspeed governor
Type:	SA GBP 201
Test laboratory:	TÜV SÜD Industrie Service GmbH Prüflaboratorium für Produkte der Fördertechnik Prüfbereich Aufzüge und Sicherheitsbauteile Westendstr. 199 80686 München - Germany
Date and number of the test report:	2013-11-04 AGB 081/9
EC-Directive:	95 / 16 / EC
Result:	The safety component conforms to the essential safety requirements of the Directive for the respective scope of application stated on page 1 of the annex to this EC type-examination certificate.
Date of issue:	2013-11-05

Certification body for lifts and safety components
 Identification number: 0036


 Christian Rührmeyer





Industrie Service

**Annex to the EC type-examination certificate
no. AGB 081/9 dated 2013-11-05**

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 preset tripping speed 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 In order to provide identification, information about the basic design and functioning and to show the environmental conditions and connection requirements pertaining to the tested and approved type, and to define which parts have been tested, drawing no. M_41344800 with certification stamp dated 2012-01-03 is to be enclosed with the EC type-examination certificate and the annex thereto.

3 Remarks

- 3.1 The EC type-examination certificate may only be used in connection with the pertinent annex and the list of the authorized manufacturers (according to enclosure). This enclosure shall be updated and re-edited following information of the certificate holder.

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



Industrie Service

**Enclosure of EC type-examination certificate
no. AGB 081/9 dated 2013-11-05**

Authorized manufacturers – production sites (stated: 2013-11-05):

Schindler Drive Systems

Poligono "Empresarium"
Albardin 58
50720 La Cartuja Baja – Zaragoza - Spain

Schindler (China) Elevator Co., Ltd.

No. 818 Jin Men Road
215004 Suzhou – P.R. China

Elevadores Atlas Schindler S. A.

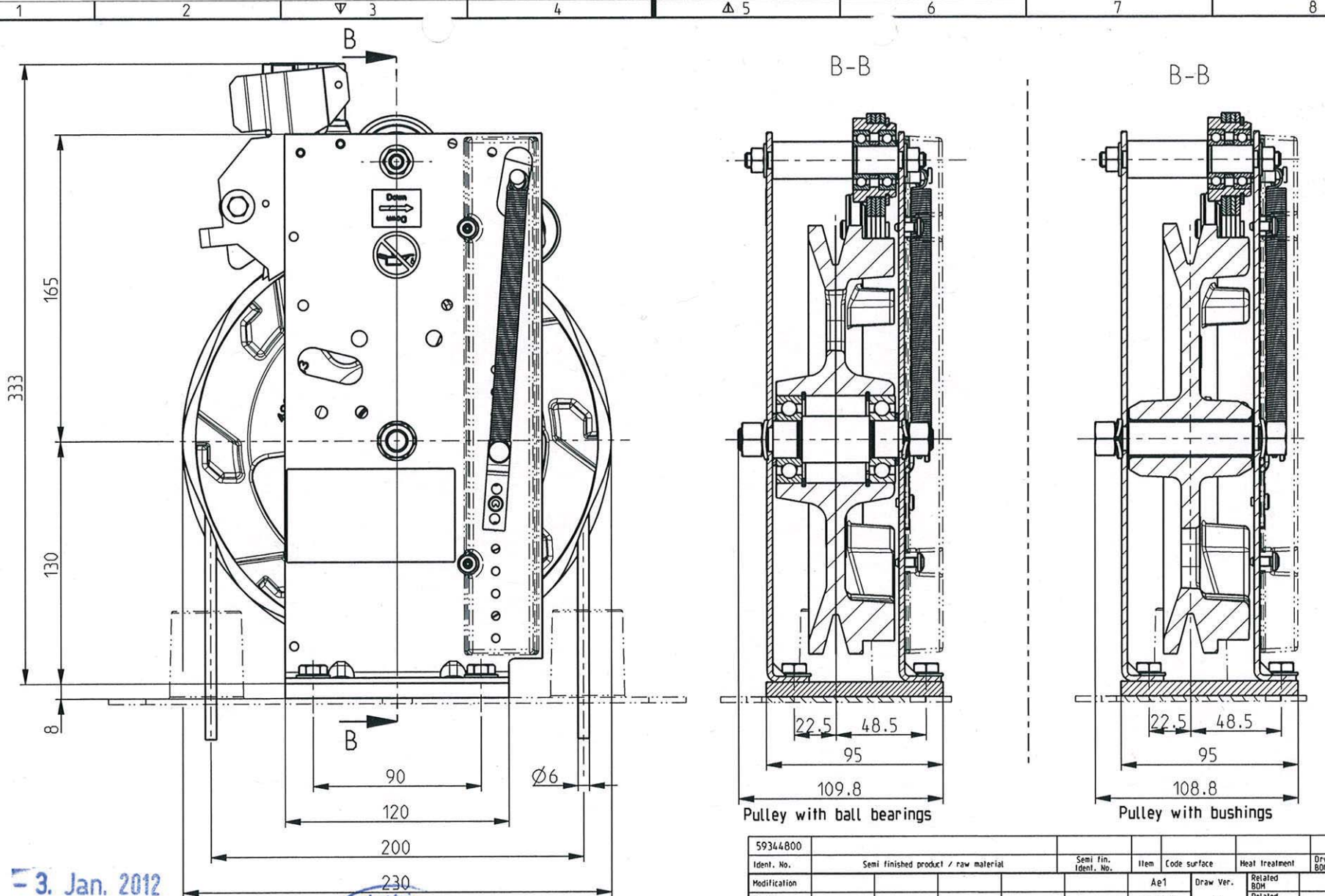
R. Angelina Ricci Vezozzo, 3400
86087 Londrina - Brasil

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3. Jan. 2012

- GEPRÜFT -
TÜV SÜD Industrie Service GmbH
 Zentralbereich Fördertechnik-Sonderbauten
 Abteilung Aufzüge und Sicherheitsbauteile
 Westendstr. 199, D-80686 München
 Der Sachverständige



[Handwritten signature]

Pulley with ball bearings

Pulley with bushings

59344800							19.953
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.			
KA No.			159192	13			
KA Date			2011-12-23	Model Ver.			
				21	Release Level	Released	
Group: SAFETY			Remark		Date	Name	
Dimensioned Drawing			Scale	Replaces / Ae:	Prepared	2011-11-22	vivancjo
SA GBP 201			1:2		Reviewed	2011-11-22	meierhda
				Page	Norms checked	2011-11-22	meierhda
				1/1	Released	2011-11-22	gremauni
INVENTIO AG CH-6052 Hergiswil			Classification	Lead Office	M__41344800		Lang.
			11360	EB3			EN
			Format A3				

Pro/E.