



EC type-examination certificate

Certificate no.: AGB 180/1

Notified body: TÜV SÜD Industrie Service GmbH
Zertifizierungsstelle für Aufzüge und Sicherheitsbauteile
Westendstr. 199
80686 München - Deutschland

**Applicant/
Certificate holder:** Inventio AG
Seestr. 55
6052 Hergiswil - Schweiz

Date of application: 2009-02-24

Manufacturer: Schindler Drive Systems
Poligono „Empresarium“
Albardin, 58
50720 La Cartuja Baja – Zaragoza - Spain

Suzhou Schindler Elevator Co. Ltd.
818 Jin Men Road
Suzhou 215004 - China

Elevadores Atlas Schindler S. A.
R. Angelina Ricci Vezozzo, 3400
86087 – Londrina – PR - Brasil

Product: Overspeed governor

Type: SA GBD 202

Test laboratory: TÜV SÜD Industrie Service GmbH
Prüflaboratorium für Produkte der Fördertechnik
Prüfbereich Aufzüge und Sicherheitsbauteile
Westendstr. 199
80686 München - Deutschland

**Date and
number of the test report:** 2009-08-05
AGB 180/1

EC-Directive: 95 / 16 / EC

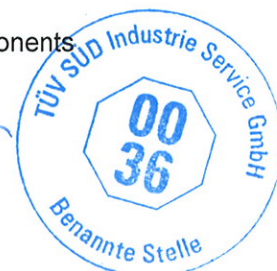
Result: The safety component conforms to the essential safety requirements of the Directive for the respective scope of application stated on page 1 of the annex to this EC type-examination certificate.

Date of issue: 2009-08-07

Certification body for lifts and safety components
Identification number: 0036

S. Melzer

Siegfried Melzer





Industrie Service

**Annex to the EC type-examination certificate
no. AGB 180/1 dated 2009-08-07**

1. Scope of application

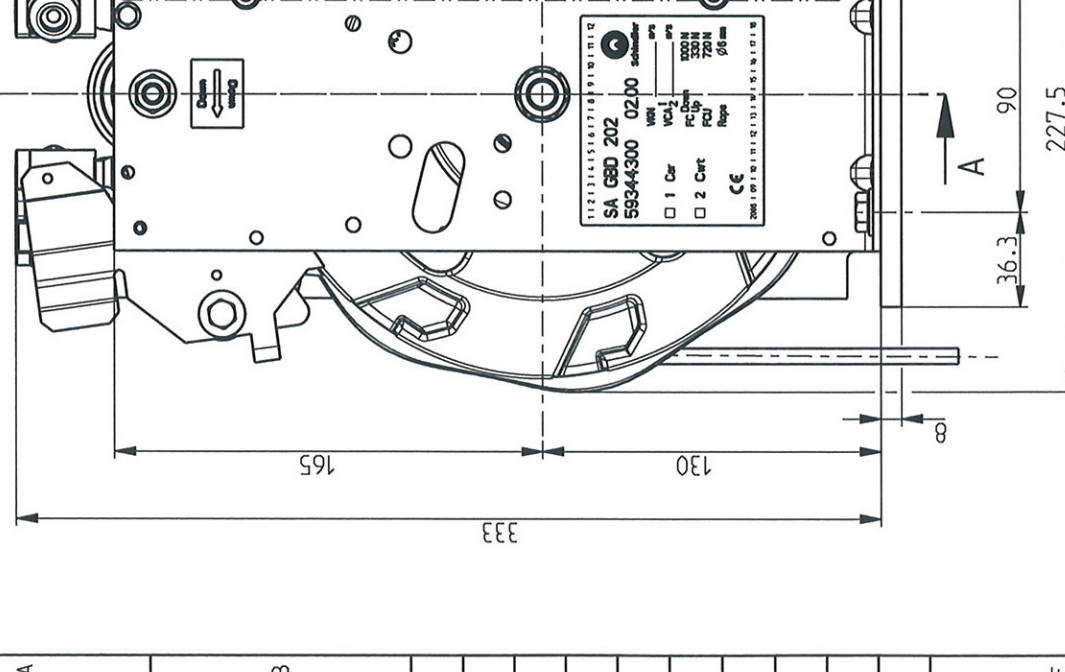
1.1	Permissible tripping speed	0.70 – 2.35 m/s
1.2	Permissible rated speed	≤ 2.04 m/s
1.3	Driving rope	
1.3.1	Type	Round strand rope made of steel wire
1.3.2	Diameter	6 – 6.5 mm
1.4	Minimum tension forces (force produced by the tensioning weight acting on the axis of rope deviating pulley)	720 N
1.5	Tensioning force determined in the test (new rope and groove) at existing tensioning force	
1.5.1	In downwards direction	1.568 N
1.5.2	In upwards direction	335 N

2. Remarks

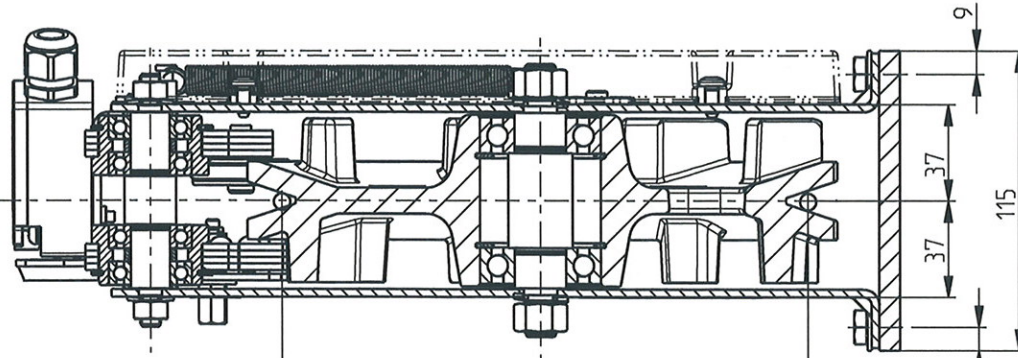
- 2.1 The preset tripping must be sealed against unauthorised adjustment.
- 2.2 Retraction of the safety gear in both directions of rotation permissible.
- 2.3 Deflection of rope way is optional, tensile force with rope way with 90° turned against normal direction (laterally to the right or left) must exceed 4.000 N, and tensile force with rope way with 180° turned against normal direction (upward) must exceed 6.000 N . Height of the tensioning weight is to be determined accordingly.
- 2.4 In order to provide identification and information about the basic design and its 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__ 41344300 with revision state Ae0 is to be enclosed with the EC type-examination certificate and the annex thereto.
- 2.5 The EC type-examination certificate may only be used in connection with the pertinent annex.

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1-7. Aug. 2009
 -GEPRÜFT-
 TÜV SÜD Industrie Service GmbH
 Zentralbereich Fördertechnik-Sonderbauten
 Abteilung Aufzüge und Sicherheitsbauteile
 Westendstr. 199, D-80686 München
 Der Sachverständige



59344300	Local materials according to related BOM	Semi-finished product / raw material	Item Code surface	Heat treatment	Drawg. / Weight	16-933
Ident. No.			AgD	Related BOM	Drawg. / Weight	16-933
Modification			158164	Related BOM	Drawg. / Weight	16-933
KA No.			2009-09-18	Related BOM	Drawg. / Weight	16-933
KA Date				Release Level	Drawg. / Weight	16-933
Group: SAFETY				Released	Drawg. / Weight	16-933
Dimensioned Drawing						
Scale 1:2						
Replace /As:						
Page 1/1						
Lead Office EB3						
Classification 11360						
Formal A3						
INVENTIO AG CH-6052 Hergiswil						
M_41344300						
EN						

