



EC type-examination certificate

Certificate no.:	AFV 233/6
Notified body:	TÜV SÜD Industrie Service GmbH Westendstr. 199 80686 München - Germany
Applicant/ Certificate holder:	Inventio AG Seestrasse 55 6052 Hergiswil – Switzerland
Date of application:	2010-09-23
Manufacturer of the test sample:	Schindler Drive Systems Poligono "Empresarium" Albardin, 58 50720 La Cartuja Baja – Zaragoza – Spain
Product:	Instantaneous safety gear
Type:	SA RF 2
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:	2010-10-26 AFV 233/6
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:	2010-10-28

Certification body for lifts and safety components
Identification number: 0036

C. Rührmeyer
Christian Rührmeyer





**Annex to the EC type-examination certificate
no. AFV 233/6 dated 2010-10-28**

1 Scope of Application

- 1.1 Permissible total mass of car and rated load or counterweight in using one pair of safety gears, depends on maximum tripping speed of the overspeed governor

Tripping speed (m/s)	Maximum total mass (kg)
0,50	21196
0,60	20395
0,70	19523
0,80	18605
0,90	17664
1,00	16718
1,10	15785
1,20	14875
1,32	13834
1,40	13160
1,55	11990
1,65	11262

- 1.2 Maximum rated speed
- 1.2.1 Car 0.63 m/s
- 1.2.2 Counterweight 1.00 m/s
- 1.3 Maximum tripping speed of overspeed governor
- 1.3.1 Car 1.00 m/s
- 1.3.2 Counterweight 1.65 m/s
- 1.4 Guide rails to be used
- 1.4.1 Blade width 16, 19, 28.6 mm
- 1.4.2 Minimum running surface width of guide rails 33.4 mm

2 Remarks

- 2.1 The test over covers the safety gear and the safety gear elements (rollers) and did not include either the connection between the individual safety gear elements (safety gear rods) or the actuation of the electric safety device. When connecting the safety gear elements to the overspeed governor, attention must be paid to the fact that, at the point at which the overspeed governor rope engages , the car don't travel more than 0,03 m until the safety gear element engage.
- 2.2 In order to provide identification and information about the basic design and it's functioning and to show which parts have been tested of the approved type drawing no. M_ _ 315572 with revision state Ae0 is to be enclosed with the EC type-examination certificate and the annex thereto. The environmental conditions and connection requirements of the safety gear are presented or described in separate documents (e. g. installation instructions).
- 2.3 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. AFV 266/3 dated 2010-10-28**

Authorised manufacturer – Production sites (Stated: 2010-10-28):

Schindler Drive Systems

Poligono “Empresarium”

Albardin, 58

50720 La Cartuja Baja – Zaragoza – Spain

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Base: Letter of Schindler Elevator Ltd. dated 2010-09-23

