Industrie Service

EU-TYPE EXAMINATION CERTIFICATE

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

Certificate No.:	EU-OG 242
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-No.: 59314701
Directive:	2014/33/EU
Reference Standards:	EN 81-20:2014 EN 81-50:2014
Test report:	No. EU-OG 242 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

Achim Janocha /
Certification Body "lifts and cranes"

TÜV SÜD Industrie Service GmbH
00 36
Notified Body

TÜV®

Annex to the EU-Type Examination Certificate
No. EU-OG 242 dated 2017-12-20

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 . 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 _ _ 41314701 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.

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 certificate necessary.

Hersteller Serienfertigung – Produktionsstandorte (Stand: 20.12.2017):

Firma	Schindler Drive Systems
Adresse	Poligono "Empresarium"
	Albardin 58
	50720 La Cartuja Baja - Zaragoza – Spanien

Firma	Schindler (China) Elevator Co. Ltd.
Adresse	No. 818 Jin Men Road
	215004 Suzhou – P.R. China

Firma	Elevadores Atlas Schindler S. A.
Adresse	R. Angelina Ricci Vezozzo, 3400
	86087 Londrina – Brasilien

- ENDE DOKUMENT -
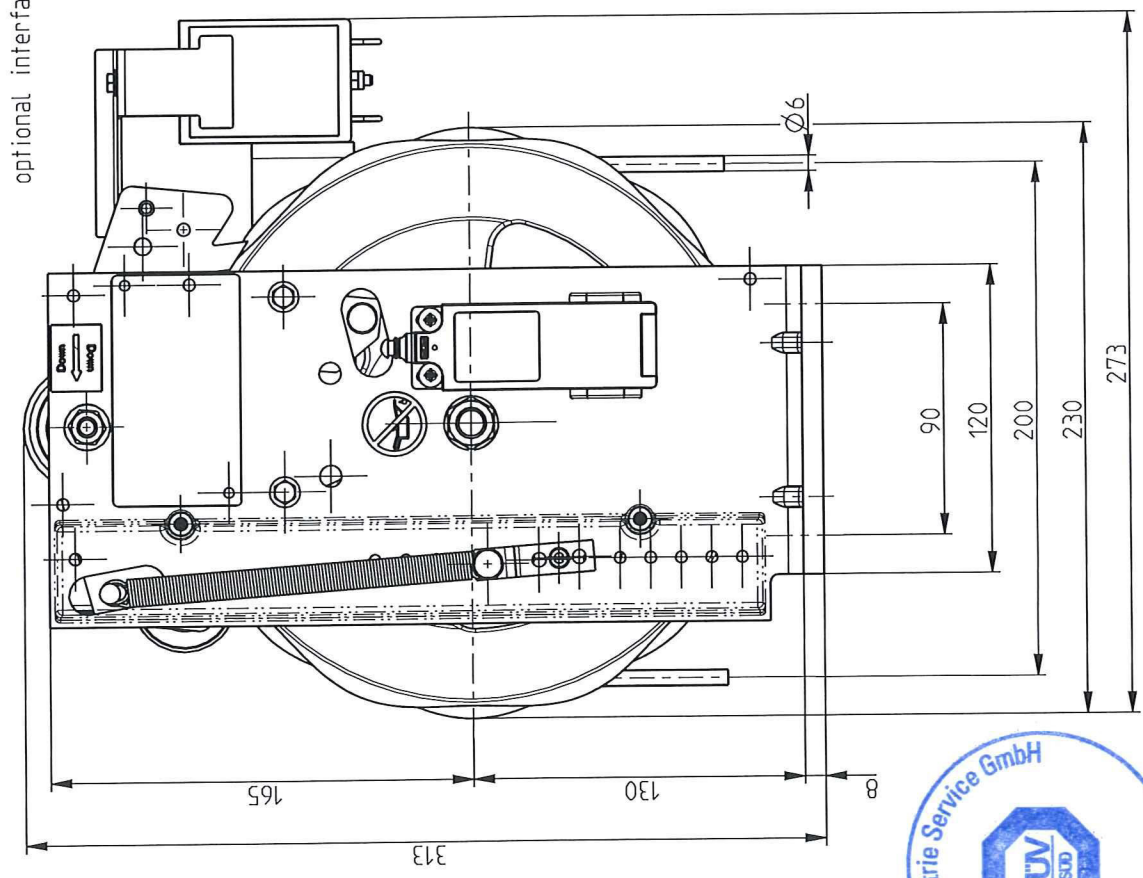
optional interface for cover

M20

127.7
95
22.5
48.5

⌀6

273
230
200
120
90

313
165
130
8

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

Down

					Heat treatment		Drwg / BOM / Model		Weight Kg.	12.002
									Name	
					Related BOM	Prepared	2015-07-03	muelleph	
					Related BOM	Reviewed	2015-07-06	thalmami	
					Related BOM	Norms checked	2015-07-06	thalmami	
Semi finished product / raw material					Release Level	Released	2015-07-10	geisshmi	

59314701		Semi fin. Ident. No.		Item	Code surface	Draw Ver.		Release Level		
Ident. No.				Ae2		13		Released		
Modification				159459		Model Ver.				
KA No.						12				
KA Date				2015-10-17						

Remark

Replaces /Ae:	Scale 1:2	Page 1/1

Group: SAFETY

Dimensioned Drawing

SA GBP 202

Classification 11360
Format A3

INVENTIO AG   CH-6052 Hergiswil

Lead Office   EB3

M__41314701   EN

Pro/E