



Industrie Service

EU TYPE-EXAMINATION CERTIFICATE

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

Certificate No.: EU-OG 065

Certification Body of the Notified Body: TÜV SÜD Industrie Service GmbH
Westendstr. 199
80686 Munich – Germany
Identification No. 0036

Certificate Holder: P.F.B. s.r.l.
Via Raimondo Dalla Costa, 690
41122 Modena – Italy

Manufacturer of the Test Sample: P.F.B. s.r.l.
Via Raimondo Dalla Costa, 690
41122 Modena – Italy
(Manufacturer of Serial Production – see Enclosure)

Product: Overspeed governor, detecting and tripping element fixed at the overspeed governor, as a part of the protection device against overspeed for the car moving in upwards direction

Type: R6

Directive: 2014/33/EU


Reference Standards: EN 81-20:2014
EN 81-50:2014
EN 81-1:1998+A3:2009
EN 81-2:1998+A3:2009

Test Report: EU-OG 065 of 2016-04-07

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 certificate are kept.

Date of Issue: 2016-04-07

Date of Validity: from 2016-04-20


Achim Janocha
Certification Body "lifts and cranes"



Annex to the EC Type-Examination Certificate
No. EU-OG 065 of 2016-04-07



Industrie Service

1 Scope of application

1.1 Generally

1.1.1 Driving rope

Category

Round strand rope made of steel wire

Diameter

6 – 8 mm

1.1.2 Minimum tension forces (force produced by the tensioning weight, acting on the axis of rope deviating pulley)

Tensioning force determined in the test (new rope and groove) 222 N

Tensioning force determined by calculation (coefficient of friction $\mu = 0.09$) 706 N

Tensile force in downwards direction at given tensioning force 550 N

The safety component can fulfil two security features (1.2 and 1.3).

1.2 Using as an overspeed governor – permissible speeds

Permissible tripping speed 0.44 – 2.40 m/s

Permissible rated speed ≤ 2.09 m/s

1.3 Using as a part of the protection device against overspeed for the car moving in upwards direction

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.

2 Terms and Conditions

2.1 Above mentioned safety component represents only a part at the protection device against overspeed for the car moving in upwards direction. Only in combination with a braking component in accordance with the standard, which must be subjected to an own type-examination, can the system created fulfil the requirements for a protection device.

2.2 The adjusted tripping speed and the safety switch must be sealed against unauthorized adjustment (safety switch e.g. by colour sealing of the fastening bolts).

2.3 The direction of rotation for retracting of the safety gear shall be marked at the overspeed governor.

2.4 The identification drawing 96/6001 including stamp dated 2016-04-07 shall be included to the EU type-examination for the identification and information of the general construction and operation and distinctness of the approved type.

2.5 The EU type-examination certificate may only be used in combination with the corresponding annex and enclosure (List of authorized manufacturer of the serial production). The enclosure will be updated immediately after any change by the certification holder.

3 Remarks

3.1 Changes of characteristics in scope of application over time are not covered by this type examination.

3.2 Possible design with and without preliminary switch off, remote release, safety switch with electrical resetting, protection device against rope leaving the pulley and protection cover.

3.3 The overspeed governor can also be used to a counterweight in compliance with the permissible tripping speed.

3.4 This EU type-examination certificate was issued according to the following standards:

- EN 81-1:1998 + A3:2009 (D), Annex F.4 and F.7
- EN 81-2:1998 + A3:2009 (D), Annex F.4
- EN 81-20:2014 (D), part 5.6.2.2.1.7, and part 5.6.6.11
- EN 81-50:2014 (D), part 5.4 and 5.7

A revision of this EU type-examination certificate is inevitable in case of changes or additions of the above mentioned standards or of changes of state of the art.

**Enclosure to the EU Type-Examination Certificate
No. EU-OG 065 of 2016-04-07**

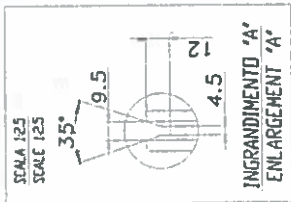


Industrie Service

Authorised Manufacturer of Serial Production – Production Sites (valid from: 2016-04-07):

Company	P.F.B. s.r.l.
Address	Via Raimondo Dalla Costa, 690 41122 Modena – Italy

- END OF DOCUMENT -



VERSIONE STANDARD
STANDARD VERSION
(R6/DX - R6SX)

VISTA DA 'B'



SEZ. A-A

N°2 FORI Ø16



VERSIONE 'R' INGOMBRO RIDOTTO
VERSION 'R' WITH SMALL BASE
(R6/RDX - R6/RSX) 07. APR. 2016

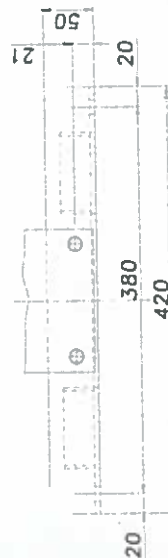
SEZ. A-A



GEPRÜFT / APPROVED

TUV SUD Industrie Service GmbH

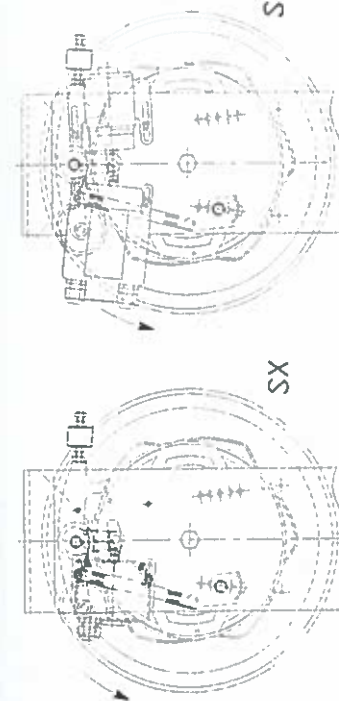
Prüflaboratorium für Produkte der Fördertechnik
Viesendorferstraße 199
80686 München
Sachverständiger(r) Expert



N°2 FORI Ø14

SEZ. A-A

VERSIONE 'SP'
CON BASAMENTO SALVAFUNE
VERSION 'SP' WITH BASE
PROTECTION OF ROPE
(R6/SPDX - R6/SPSV)

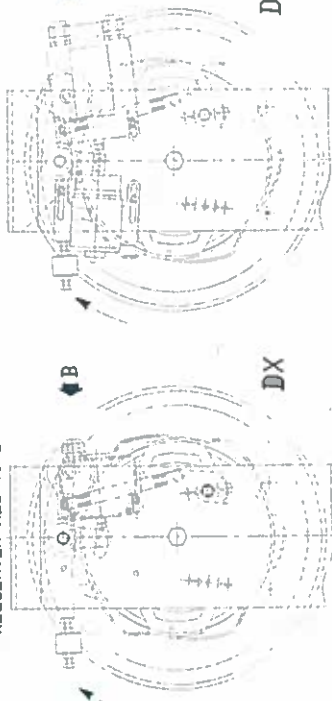


MONTAGGIO REGOLATORE
REGULATOR MOUNTING

SX

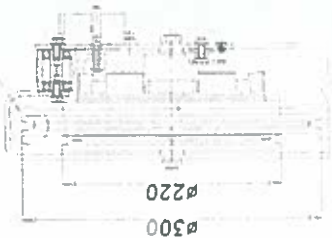
SX

CONTATTO RIARMO A DISTANZA
REMOTE RESET SWITCH



DX

DX



MODIFICHE - MODIFIKATIONEN

DESCRIZIONE

BESCHREIBUNG

MODIFICATO SALTARELLO E AGGIUNTA VERSIONE CON COMANDO A DISTANZA

MODIFICATO FORMA COSTRUTTIVA FIANCELE E NUMERO SPINE FISSAGGIO CARRA

VERIFICATO DISEGNO (Studioire srl)

NR. DATA

NR. DATUM

1 11/'01

2 06/'11

3 22/06/'15

Smussi non quotati	/45°	scala	1:5	O.t.e.	LAVORGEN.	NOTE
Raggi non quotati						MATERIALE
TOLL. QUOTE LIBERE						QUALITA'
S.L.	RUGOS. MAX.	TOLL.				STATO-N°-MOD.
∇	0.2					DIMEN.
∇	0.15					PESO KG.
∇	0.1					T.T.
∇	0.20					DIS.
∇	0.04					VER.
∇	0.04					DATA
∇	0.04					10/'98
∇	0.04					COD.N°
∇	0.04					8024206100
∇	0.04					(GENERIC)
∇	0.04					DIS.N°
∇	0.04					96/6001

COMPONENTI MECCANICI
PER ASCENSORI

IL PRESENTE DISEGNO E' DI PROPRIETA' DELLA PFB SRL, NE E' VIETATA LA DIVULGAZIONE A TERMINI DI LEGGE, SENZA AUTORIZZAZIONE

N°FILE: R6_96_6001.DWG