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SINCE 1933



EU-TYPE EXAMINATION CERTIFICATE

Issued by Liftinstituut B.V.
identification number Notified Body 0400,
commissioned by Decision no. 2023-0000172941

Certificate no. : NL08-400-1002-100-02 Revision no.: 6

Description of the product : Progressive safety gear

Trademark : Cobianchi Lifteile AG

Type no. : PC13DA / PC13DO / PC13UP / PC13GA / PC13GO and PC13GU

Name and address of the manufacturer : Cobianchi Lifteile AG
Weststraße 16
3672 Oberdiessbach

Name and address of the certificate holder : Cobianchi Lifteile AG
Weststraße 16
3672 Oberdiessbach

Certificate issued on the following requirements : Lifts Directive 2014/33/EU

Certificate based on the following standard : Parts of: EN 81-20:2020; EN 81-50:2020; EN 81-21:2022

Test laboratory : None

Date and number of the laboratory report : None

Date of EU-type examination : April 2025

Additional document with this certificate : Annex belonging to the EU-type examination certificate no.: NL08-400-1002-100-02 rev.6

Additional remarks : This revision replaces certificate NL08-400-1002-100-02 rev.5 of 04-03-2021

Conclusion : The safety component meets the requirements of the Lifts Directive 2014/33/EU considering any additional remarks mentioned above

Authorised by

W.G. Kasteleijn
Product Manager Certification

Amsterdam

Date : 15-05-2025
Valid until : 04-03-2026



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**Annex of EU-type examination certificate
NL08-400-1002-100-02**

Date of original certificate : March 26, 2009
Revision number / date : 6/15-05-2025
Project number : PR-BUC-000887

1. Description

Progressive safety gear for cold drawn and machined guide rails with dry or lubricated surface; down or bi-directional.

GENERAL DATA

2.1 General Specifications PC13DA / PC13DO / PC13UP / PC13GA / PC13GO and PC13GU:

General	
maximum tripping speed	: 3.5 m/s
guide rails	: Machined / Cold Drawn
guide rail thickness	: 5 – 16 mm
minimum gripping width on guide rail	: 20 mm
lubrication means (oil) of quality	: HLP-oils (DIN 51524, Part 2)

2.2 Permissible total mass for safety gear operation:

Guide rail surface	:	min. – max. total mass
Dry cold drawn guide rails	:	177 – 2200 kg
Oiled cold drawn guide rails	:	176 – 2200 kg
Dry machined guide rails	:	219 – 2600 kg
Oiled machined guide rails	:	268 – 2600 kg

2.3 Brake force allowed for ascending car overspeed protection:

Guide rail surface	:	min. – max. brake force
Dry cold drawn guide rails	:	2832 – 35200 N
Oiled cold drawn guide rails	:	2816 – 35200 N
Dry machined guide rails	:	3504 – 41600 N
Oiled machined guide rails	:	4288 – 41600 N

See annex 1 for a general overview of the product.



2. Conditions

Additional to or in deviation of the applicable demands in the considered requirements / standards (see certificate and/or page 1 of this report), the following conditions shall be taken into account:

- The safety gear and/or ascending safety device shall be adjusted according the specific load graphs related to μ -factor, bending of the housing and spring compression.
- The safety gear shall be activated by a triggering device with its actuation means for tripping (e.g. overspeed governor or breakage of suspension means) fulfilling the requirements of EN 81-20:2020 clause 5.6.2.2.1 (e.g. max. nominal speed 2.7 m/s) and 5.6.2.2.2 as long as the maximum tripping speed of 3.5 m/s will not be exceeded.
- The mass stated may differ 7.5% from the mass adjustment (EN 81-50:2020 clause 5.3.4).
- The braking force for the lift shall be adjusted in such a way that it will not allow a retardation of the empty car up in excess of 1 g_n during the stopping phase.
- In case of upward braking it must be assured that the construction of the guide rails is capable to withstand the forces applied.
- The maintenance instructions shall be provided with the safety component.
- The safety gear can be used as stopping element as part of a protection means against unintended car movement.
 - The safety gear and overspeed governor combination shall ensure that the values required by EN 81-20 clause 5.6.7.5 are not exceeded.
 - The operation distance of the safety gear is 11.5 mm maximum and the maximum tripping speed is 2.0 m/s.
 - These values shall be verified by the installer of the complete lift.
 - The safety gear will activate even with very low speeds.
- The safety gear can be adopted for the use on EN 81-77 compliant lifts, to comply with 5.4.2 of the EN 81-77 the safety gear shall be fitted with additional retainer on each housing to prevent accidental tripping.

The safety gear types PC13GA / PC13GO / PC13GU can be adopted as the pre-triggered stopping gear for the use on a pre-triggered stopping system according to EN 81-21 par. 5.5.2.3. Any other part of the pre-triggering stopping system is excluded from this approval.

3. Conclusions

Based upon the results of the EU-type examination Liftinstituut B.V. issues an EU-type examination certificate.

The EU-type examination certificate is only valid for products which are in conformity with the same specifications as the type-certified product. The EU-type examination certificate is issued based on the requirements that are valid at the date of issue. In case of changes of the product specifications, changes in the requirements or changes in the state of the art, the certificate holder shall request Liftinstituut B.V. to reconsider the validity of EU-type examination certificate.



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4. CE marking and EU Declaration of conformity

Every product that is placed on the market in complete conformity with the examined type must be provided with a CE marking according to art. 18 of the Lifts Directive 2014/33/EU under consideration that conformity with eventually other applicable Directives is proven. Also every product must be accompanied by an EU declaration of conformity according to annex II of the Directive in which the name, address and the Notified Body identification number of Liftinstituut B.V. shall be included as well as the number of the EC type-examination certificate.

An EU-type certified safety component shall be random checked, for example according to annex IX of the Lift directive 2014/33/EU before these safety components may be CE-marked and may be placed on the market. For further information on random checking by Liftinstituut, see regulation 2.0.1 'Regulations for product certification' on www.liftinstituut.com.

Prepared by:

E. Bakker
Product Specialist Certification

Authorised by:

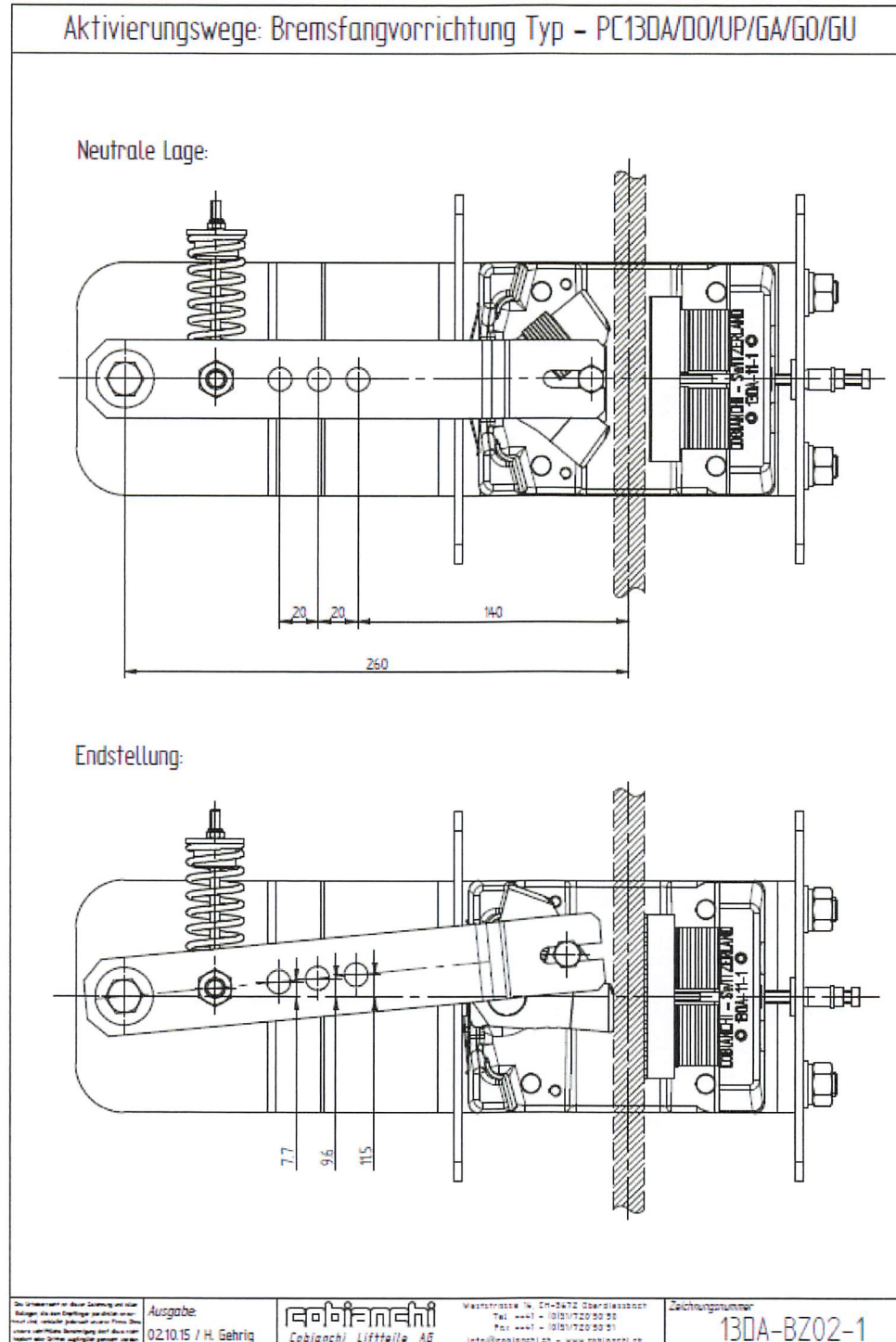
W.G. Kasteleijn
Product Manager Certification



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Annex 1. General overview of the product



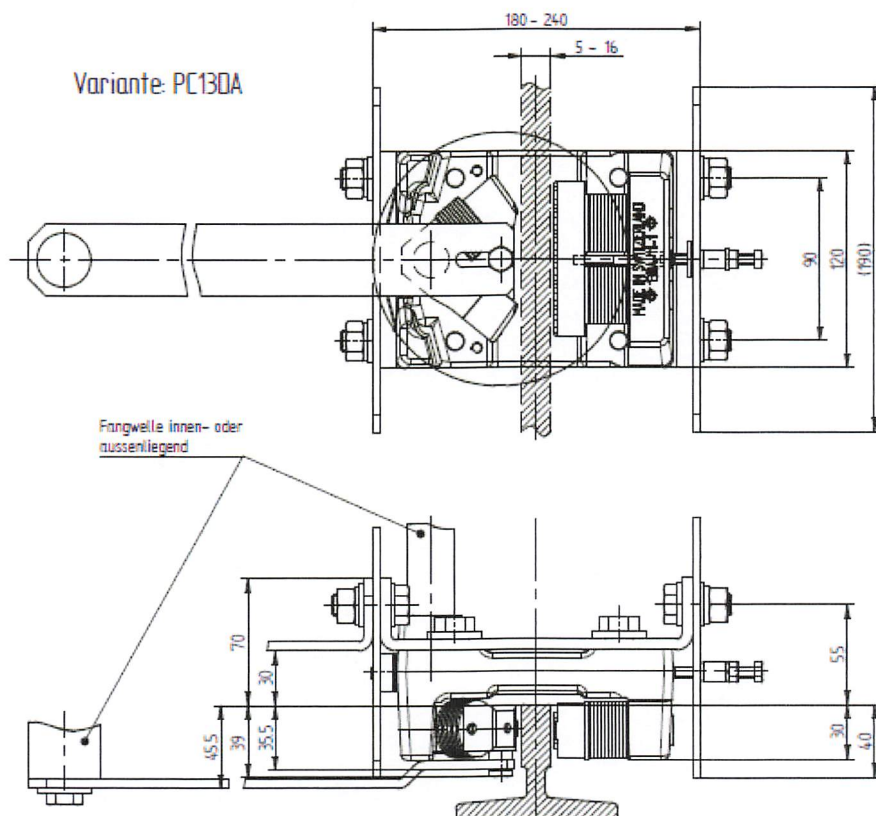


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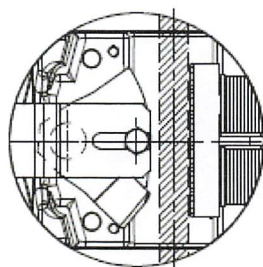


Bremsfangvorrichtung Typ - PC130A / DO / UP

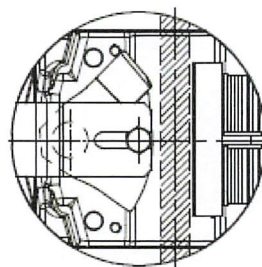
Variante: PC130A



Variante: PC1300



Variante: PC13UP



Das Unternehmen ist für diese Zeichnung mit allen Änderungen die nach der Fertigung der Zeichnung eintreffen, verantwortlich. Die Zeichnung ist eine Kopie der Zeichnung des Herstellers. Die Zeichnung ist eine Kopie der Zeichnung des Herstellers. Die Zeichnung ist eine Kopie der Zeichnung des Herstellers.	Ausgabe: 02.10.15 / H. Gehrig	कोर्गीनानवी Cobianchi Liftteile AB	Werkstraße 14, CH-3472 Oberdisenbach Tel. +41 - (0)20 720 90 90 Fax +41 - (0)20 720 90 91 info@cobianchi.ch - www.cobianchi.ch	Zeichnungsnummer 130A-BZ01-1
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Page 5 of 7

F4-53 version: 11.0

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Annex 2. Documents of the Technical File which were subject of the examination

Title	Document number	Date
request	150121	21-01-2015
test protocol intermediate PC13GO	170330	30-03-2017
test protocol intermediate PC13GO	2020	14-07-2020; 22-10-2020; 27-10-2020
PC13XX_TCF	210118	8-01-2021
Zusammenfassung Versuche PC13	250325	25-03-2025

Annex 4. Revision of the certificate and its annex

Rev.:	Date	Summary of revision
-	26-03-2009	Original
1	05-11-2010	New brake element
2	10-10-2013	Introduction of sliding shoe
3	25-09-2015	Adoption of EN 81-20/50
4	31-03-2016	Update to 2014/33/EU
5	15-03-2021	Recertification after 5 years, Update to EN 81-20:2020, EN81-50:2020
6	15-05-2025	Revision of the certificate due to the use of the safety gear as pre-triggered stopping system according to EN 81-21:2022 par. 5.5.2.3.

--- End of report ---