Strojírenský zkušební ústav, s.p. (Engineering Test Institute, Public Enterprise), Authorized Body 202
Hudcova 424/56b, Medlánky, 621 00 Brno, Czech Republic
Authorization Decision 10/2020 dated 12.08.2020

CONSTRUCTION TECHNICAL CERTIFICATE

Number: 202-STO-J-01928-21

Product:	Door furniture with pins
Type designation:	ALBACETE, BERGAMO, BOLZANO, CORNO, CORTINA, MESINA/N, MILANO, PALERMO, SOLDA/N, VERONA, VIGO, RAVENA/H, ROSANO/H, CASTELO/H, SAVONA/H, FONDI/H, FONTANE/H, EMONT/H
Manufacturer and manufacturing plant:	ROSTEX VYŠKOV, s.r.o. Dědická 190/17 682 01 Vyškov, Czech Republic
Identification number:	25519671

Authorized Body 202 issues the present Construction Technical Certificate in accordance with the provisions of Art. 12 of Act 22/1997 Coll., on technical requirements for products and amendments to related acts, as amended, and pursuant to Art. 2 and Art. 3 of Government Regulation 163/2002 Coll., laying down technical requirements for selected construction products, as amended by Government Regulation 312/2005 Coll. and Government Regulation 215/2016 Coll.

The above-specified Authorized Body hereby defines the product technical characteristics with respect to the essential requirements for buildings, depending on the function which the products concerned are meant to fulfil within the construction project concerned.

The technical specifications are provided on the following pages 2 to 4, which are an integral part of the present Construction Technical Certificate.

The Construction Technical Certificate was issued for Order Ref. No. 30-15644.

The present Construction Technical Certificate is valid through 15 November 2024 unless the facts under which it was issued cease to exist.

This document may be copied in its entirety without written consent of the Authorized Body. Partial copies are subject to approval.

Author of Construction Technical Certificate: Luděk Draštík.

In Brno, date: 15 November 2021

AUTORIZOVANÁ OSOBA 202 STROJÍRENSKÝ ZKUŠEBNÍ ÚSTAV, s.p. ÚNMZ 3

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Ing. Pavel Štícha
representative of the Authorized Body

Product identification and description, definition of its use within a building:

The product is a door rosette fitting with fastening steel sprues. The product comprises door handles with rosettes, cover plates and spindle, including the joining elements. The dimension of the spindle connecting the door handles is 8 mm x 8 mm. The cover plates and handles are made of stainless steel 1.4301 in stainless steel matt finish, the spindle is made of steel (11 109.0) electroplated with zinc, the rosettes feature fastening steel sprues and are also made of steel (11 320.21) electroplated with zinc. The neck of the handle is made of brass. The fitting a spring. The handle has a declared crank angle of 40°.
The product is designed for right and left doors with a thickness of (38–52) mm.

The type series includes the following versions:
ALBACETE, BERGAMO, BOLZANO, CORNO, CORTINA, MESINA/N, MILANO, PALERMO, SOLDA/N, VERONA, VIGO, RAVENA/H, ROSANO/H, CASTELO/H, SAVONA/H, FONDI/H, FONTANE/H, EMONT/H.

Declared classification of the fittings:

Category of use	Durability	Test door mass	Fire resistance	Safety	Corrosion resistance	Security	Type of operation
3	7	–	0	0	3	0	A

The products are made in the following designs:
BB (keyhole),
PZ (cylinder lock hole),
WC (toilet latch).

The ALBACETE, BERGAMO, BOLZANO, CORNO, CORTINA, MILANO, PALERMO, VERONA and VIGO versions feature springs on both sides of the fittings.

The RAVENA/H, ROSANO/H, CASTELO/H, SAVONA/H, FONDI/H, FONTANE/H, EMONT/H, MESINA/N and SOLDA/N feature a spring on one side of the fitting only.

The versions also differ in the shape and dimensions of handles and rosettes.

The products may also be used in escape routes.

Technical characteristics of the product with respect to basic requirements for construction works:

Essential req. no.	Monitored characteristic	Method of establishment	Required level
4 Safety and accessibility in use			
4.1	SAFETY WHILE FUNCTIONING		
4.1.1	Inspection of the spindle and fastening elements	ČSN EN 1906:2012, Art. 7.3.1	ČSN EN 1906:2012, Art. 5.2
4.1.2	Free axial play and safety	ČSN EN 1906:2012, Art. 7.3.3	ČSN EN 1906:2012, Art. 5.5 for category of use in grade 3
4.1.3	Return mechanism torque	ČSN EN 1906:2012, Art. 7.3.5.1	ČSN EN 1906:2012, Art. 5.7.2 for category of use in grade 3, spring-assisted
4.1.4	Durability of mechanism	ČSN EN 1906:2012, Art. 7.3.6	ČSN EN 1906:2012, Art. 5.8 for category of use in grade 3, spring-assisted

Essential req. no.	Monitored characteristic	Method of establishment	Required level
4.1.5	Repeated test of free axial play	ČSN EN 1906:2012, Art. 7.3.8	ČSN EN 1906:2012, Art. 5.10 for category of use in grade 3
4.1.6	Repeated test of return mechanism moment	ČSN EN 1906:2012, Art. 7.3.10	ČSN EN 1906:2012, Art. 5.12 for category of use in grade 3, spring-assisted
4.2	STRENGTH		
4.2.1	Rotational strength	ČSN EN 1906:2012, Art. 7.3.12	ČSN EN 1906:2012, Art. 5.3 for category of use in grade 3
4.2.2	Axial strength of fittings and fastening elements	ČSN EN 1906:2012, Art. 7.3.2	ČSN EN 1906:2012, Art. 5.4 for category of use in grade 3
4.2.3	Free angular movement or misalignment	ČSN EN 1906:2012, Art. 7.3.4	ČSN EN 1906:2012, Art. 5.6 for category of use in grade 3
4.2.4	Repeat test of axial strength of fittings and fastening elements	ČSN EN 1906:2012, Art. 7.3.7	ČSN EN 1906:2012, Art. 5.9 for category of use in grade 3
4.2.5	Repeat test of free angular movement or misalignment	ČSN EN 1906:2012, Art. 7.3.9	ČSN EN 1906:2012, Art. 5.11 for category of use in grade 3
4.3.	CORROSION RESISTANCE		
4.3.1	Corrosion resistance	ČSN EN 1906:2012, Art. 7.4	ČSN EN 1906:2012, Art. 5.14 in grade 3

Overview of applied technical regulations, technical standards, technical documents, and source materials submitted to the Authorized Body:

- Act 22/1997 Coll., on technical requirements for products and on the amendment of certain acts, as amended
- Government Regulation 163/2002 Coll., laying down the technical requirements for selected construction products, as amended by Government Regulation 312/2005 Coll., and Government Regulation 215/2016 Coll.

- Technical specifications, TN No. 08.02.01
- ČSN EN 1906:2012 Building hradware - Lever handles and knob furniture - Requirements and test method

- Rostex Product Catalogue 01/2020
- Declaration of use – Albacete door fittings with pins including versions dated 2021-08-23
- Installation instructions for rosette with pins
- Installation instructions for square rosettes with pins
- Product label of Albacete door fittings with BB pins
- Drawing No. 10 3002 0001 – Door fittings, square rosette with pins (2014-10-20)
- Drawing No. 3-1030440001 – Door fittings, square rosette with pins (2014-11-13)

More specific requirements for assessment of products and factory production control:

Within the meaning of Art. 3 (2) (b) of the above-specified Government Regulation, the Authorized Body defined the technical characteristics of the product relating to the essential requirements, and determined their levels with respect to the intended use of the product for construction purposes.

The manufacturer provided the Authorized Body with a written statement according to the technical assessment of the product characteristics was not commissioned to another Authorized Body.

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The product belongs to the group of products specified in Annex 2 of the Government Regulation specified above, List of Products 8, Group 2 with the determined procedure for the assessment of conformity pursuant to Art. 5a.

The Authorized Body shall certify the product to Art. 5a (1) and/or 5 (2) (a), (b) of the said Government Regulation; it shall also examine the submitted documents, perform the initial product type testing of the sample and the initial inspection at the manufacturing facility, as well as an assessment of the factory production control pursuant to Art. 5 (2) (c) of the said Government Regulation.

The surveillance of the due functioning of the manufacturer's factory production control at the manufacturer's facility shall be conducted in accordance with the provisions of Art. 5a (2) of the Government Regulation specified above.

Rules for using the Construction Technical Certificate:

The Construction Technical Certificate may only be used for the assessment of conformity as long as the legal regulations, technical standards or technical documents applied in the Construction Technical Certificate do not change as regards the facts stated in Art. 3 (2) (b) of Government Regulation 163/2002 Coll., as amended by Government Regulation 312/2005 Coll. and Government Regulation 215/2016 Coll., or as long as other facts critical from the perspective of conformity assessment under which the Construction Technical Certificate was issued remain unchanged. The Construction Technical Certificate may not be used as a document evidencing conformity assessment.

AUTORIZOVANÁ OSOBA 202
STROJÍRENSKÝ ZKUŠEBNÍ ÚSTAV, s.p.
ÚNMZ
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