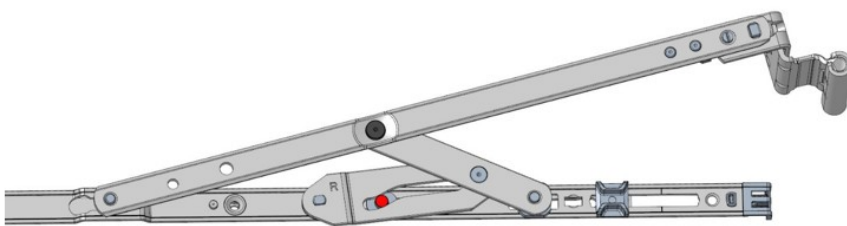


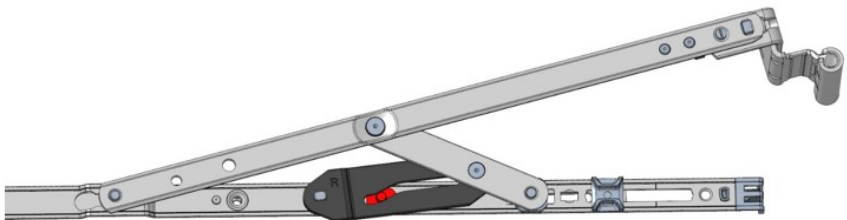
Product Information

Optimization of scissor stay forcibly controlled for comfort windows

Bisherige Komfortschere
Previous comfort scissor stay



Modifizierte Komfortschere
Modified comfort scissor stay



Overview

System

Window

Product

Roto NX

The universal hardware system for modern windows and balcony doors

Availability / Ordering ability

Available to order from April 2026.

Description

Comfort windows are characterized by the fact that the window handle is easier to reach if the user has to reach over a piece of furniture or, for example, cannot reach a higher handle as a wheelchair user.

The window handle sits on the lower horizontal profile of the sash.

Turn the handle 90° (vertical position) to open the window.

Turn the handle a further 180° to tilt the window.

The scissor stay forcibly controlled ensures that the sash is tilted simply by turning the handle.

Application range:

- Up to RC2 possible (comfort gear or scissor stay forcibly controlled with V-pin)
- tilting depth 100 (instead of previously 140)
- lower handle torque (handle remains 160 mm long)
- less wear => durability class H3 instead of H2
- same formats as before: FFB x FFH 1.400 x 1,600
- greater sash weight => from 50 to 80 kg

Difference between old and new comfort scissor stay:

The article numbers remain the same. The optimized scissor stay run in smoothly.

For visual differentiation, the control link of the modified scissor stay is black instead of silver (see cover image).

Article Overview

Article Code	EAN No.	unit	Material Group
795032 NX AX KO P 490 2013 L_SIL	4036263314710	5	20
795033 NX AX KO P 490 2013 R_SIL	4036263314727	5	20
795034 NX AX KO P 490 2013 L_BLK	4036263314734	10	20
795035 NX AX KO P 490 2013 R_BLK	4036263314741	10	20
795036 NX AX KO P 690 2013 L_SIL	4036263314758	5	20
795037 NX AX KO P 690 2013 R_SIL	4036263314765	5	20
795038 NX AX KO P 690 2013 L_BLK	4036263314772	10	20
795039 NX AX KO P 690 2013 R_BLK	4036263314789	10	20
795040 NX AX KO P 890 2013 1E L_SIL	4036263314796	5	20
795041 NX AX KO P 890 2013 1E R_SIL	4036263314802	5	20
795042 NX AX KO P 490 2009 L_SIL	4036263314819	10	20
795043 NX AX KO P 490 2009 R_SIL	4036263314826	10	20
795044 NX AX KO P 690 2009 L_SIL	4036263314833	10	20
795045 NX AX KO P 690 2009 R_SIL	4036263314840	10	20
795046 NX AX KO P 890 2009 1E L_SIL	4036263314857	10	20
795047 NX AX KO P 890 2009 1E R_SIL	4036263314864	10	20
795048 NX AX KO P 890 2013 1V L_SIL	4036263314871	5	20
795049 NX AX KO P 890 2013 1V R_SIL	4036263314888	5	20
795050 NX AX KO P 890 2013 1V L_BLK	4036263314895	10	20
795051 NX AX KO P 890 2013 1V R_BLK	4036263314901	10	20
810184 NX AX KO T 490 1809 L_SIL	4036263380807	5	20
810185 NX AX KO T 490 1809 R_SIL	4036263380814	5	20
810186 NX AX KO T 690 1809 L_SIL	4036263380821	5	20
810187 NX AX KO T 690 1809 R_SIL	4036263380838	5	20
810188 NX AX KO T 890 1809 1E L_SIL	4036263380845	5	20

Article Code	EAN No.	unit	Material Group
810189 NX AX KO T 890 1809 1E R_SIL	4036263380852	5	20
810190 NX AX KO T 490 1813 L_SIL	4036263380869	5	20
810191 NX AX KO T 490 1813 R_SIL	4036263380876	5	20
810192 NX AX KO T 690 1813 L_SIL	4036263380883	5	20
810193 NX AX KO T 690 1813 R_SIL	4036263380890	5	20
810194 NX AX KO T 890 1813 1E L_SIL	4036263380906	5	20
810195 NX AX KO T 890 1813 1E R_SIL	4036263380913	5	20
810196 NX AX KO T 490 2013 L_SIL	4036263380920	5	20
810197 NX AX KO T 490 2013 R_SIL	4036263380937	5	20
810198 NX AX KO T 690 2013 L_SIL	4036263380944	5	20
810199 NX AX KO T 690 2013 R_SIL	4036263380951	5	20
810200 NX AX KO T 890 2013 1E L_SIL	4036263380968	5	20
810201 NX AX KO T 890 2013 1E R_SIL	4036263380975	5	20
834358 NX AX KO T 690 2013 L_R013	4036263460127	5	20
834359 NX AX KO T 690 2013 R_R013	4036263460134	5	20
834365 NX AX KO T 890 2013 1E L_R013	4036263460141	5	20
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837136 NX AX KO T 490 2013 L_R013	4036263464804	5	20
837137 NX AX KO T 490 2013 R_R013	4036263464811	5	20
837138 NX AX KO T 690 2013 L_R072	4036263464828	5	20
837139 NX AX KO T 690 2013 R_R072	4036263464835	5	20
837140 NX AX KO T 890 2013 1E L_R072	4036263464842	5	20
837141 NX AX KO T 890 2013 1E R_R072	4036263464859	5	20

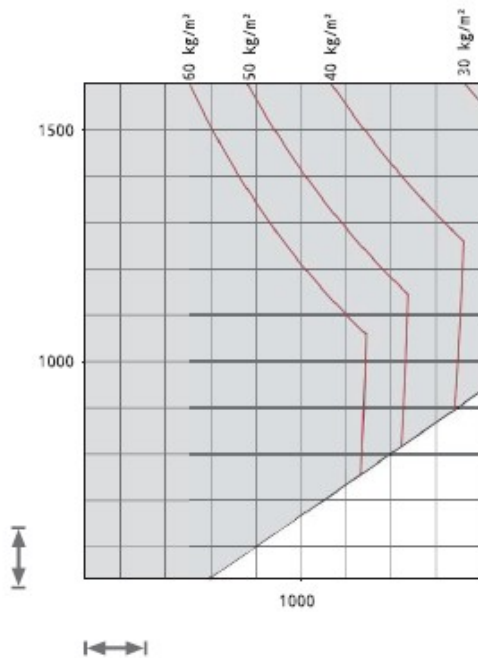
Hinge side P and hinge side T

Comfort window (hinge side 80 kg)



INFO

For guidance on the use and interpretation of application diagrams, e.g. for interpolation (determining missing intermediate values), see BRO_347 (Roto Application Diagrams).



= Impermissible application range

Test and calculation basis:

Tilt&Turn test in accordance with QM 328 – Certification programme for fittings in accordance with DIN EN 13126-8 – Class H3

Deductible dimension of glass = 28 mm

(Sash) profile weight = 3.25 kg/m

Lower glass clearance dimensions or higher profile weights require a separate assessment.



INFO

Evidence on the attachment of load-bearing components to the window system by the window manufacturer in accordance with TBDK with the following forces:

- at the stay bearing 2200 N
- on the pivot rest 2890 N

The specifications in the application diagram refer to the glass weight in kg/m^2 ,

1 mm³ glass thickness \pm 2.5 kg

Application range		
	Sash rebate width	520 – 1400 mm
	Sash rebate height	530 – 1600 mm
	Sash weight	max. 80 kg



INFO

Please observe the TBDK guideline for tensile force values depending on sash weights!

Further information is available at www.quetegemeinschaft-schloss-beschlag.de.

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