

Product Information

Roto NX opening restrictor with detent and handle operation

Overview

System

Window

Product

Roto NX

The universal hardware system for modern windows and balcony doors

Availability / Ordering ability

Documentation

Data drawing 505601344 and 505601343

The currently valid installation documents for Roto NX hardware must be observed
For lockable TiltFirst handles, see CTL 1

Description

Application:

Handle-controlled opening restrictor for side-hung sashes to implement a side-hung ventilation function and also the option of opening the window completely.

A detent is provided in the stop position of the restrictor to prevent the sash from closing due to draughts or similar.

The opening restrictor can be used on all hinge sides. The application diagrams and restrictions of the respective hinge side used apply.

Operation:

- Handle in locking position: window closed
- Handle in 90° position: window sash can be opened up to the limit (ventilation position)
- Close sash and move handle to 180° position: Window can be opened completely
- If a lockable TiltFirst handle is used, accidental complete opening of the window sash can be prevented.

Opening width:

Depending on the profile geometry, window size and installation position, there are different opening widths on the window:

- Installation top/bottom: Opening width of the sash approx. 170 mm,
- Installation on the espagnolette side: Opening width of the sash approx. 130 mm
- with standard profile geometries, opening widths of less than 100 mm can be achieved
- the actual opening width must be determined in an installation test on the window

Installation position:

The handle-controlled opening restrictor can be integrated into the Roto NX hardware system with a grid dimension of 200 mm.

Depending on the desired installation position, on the espagnolette side or horizontally at the top and bottom, the left and/or right version of the opening restrictor must be used. See the attached installation diagram below for various hardware situations.

Depending on the sash size, one or two opening restrictors can be used. For top/bottom horizontal installation, we always recommend using two opening restrictors to prevent the sash from twisting.

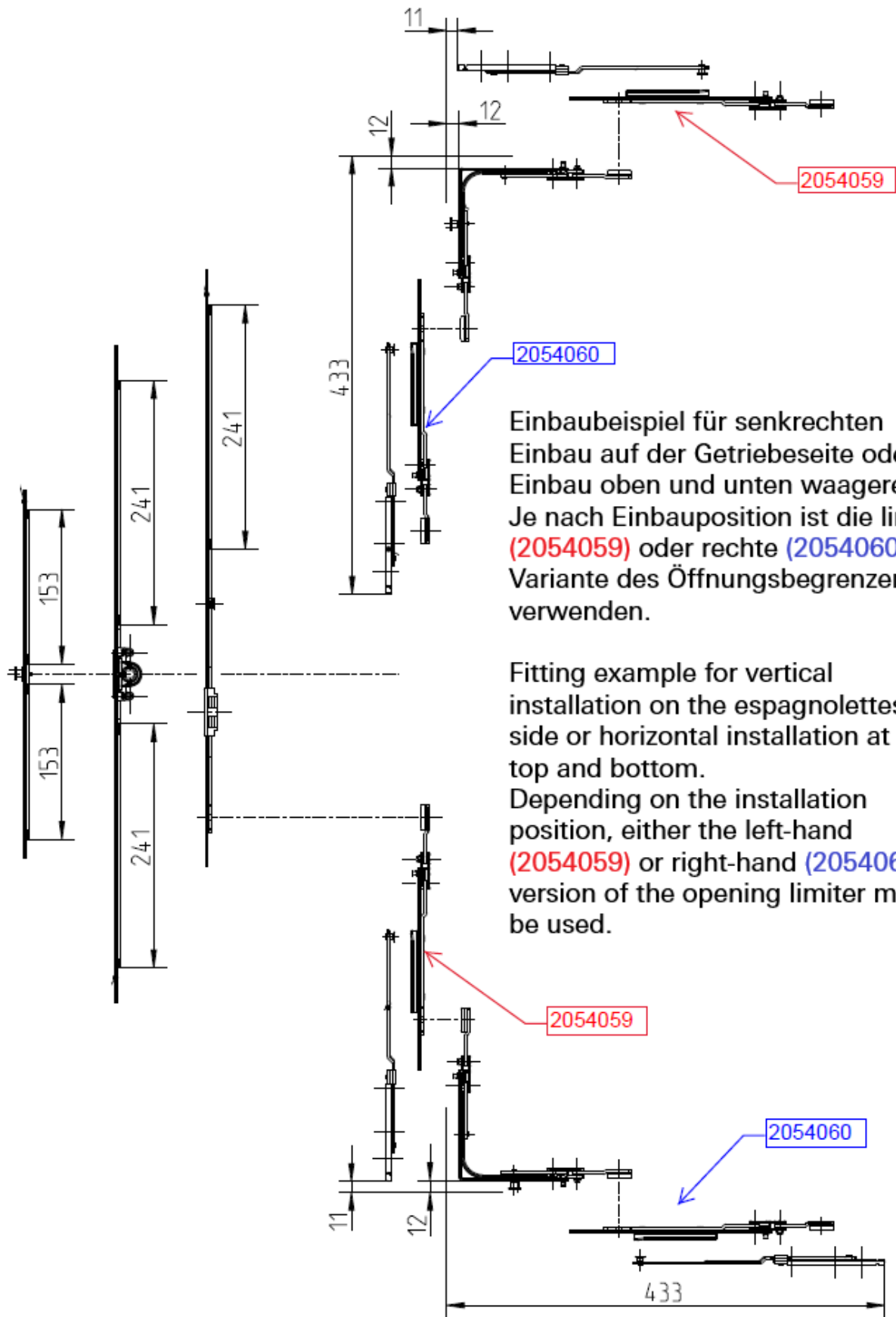
It should be noted that the opening restrictor requires 200 mm in the sash rebate. The dimensions of the espagnolette or center locks used must be adjusted accordingly.

Testing:

This opening restrictor is **not** a tested opening restrictor as defined by EN 13126-5.

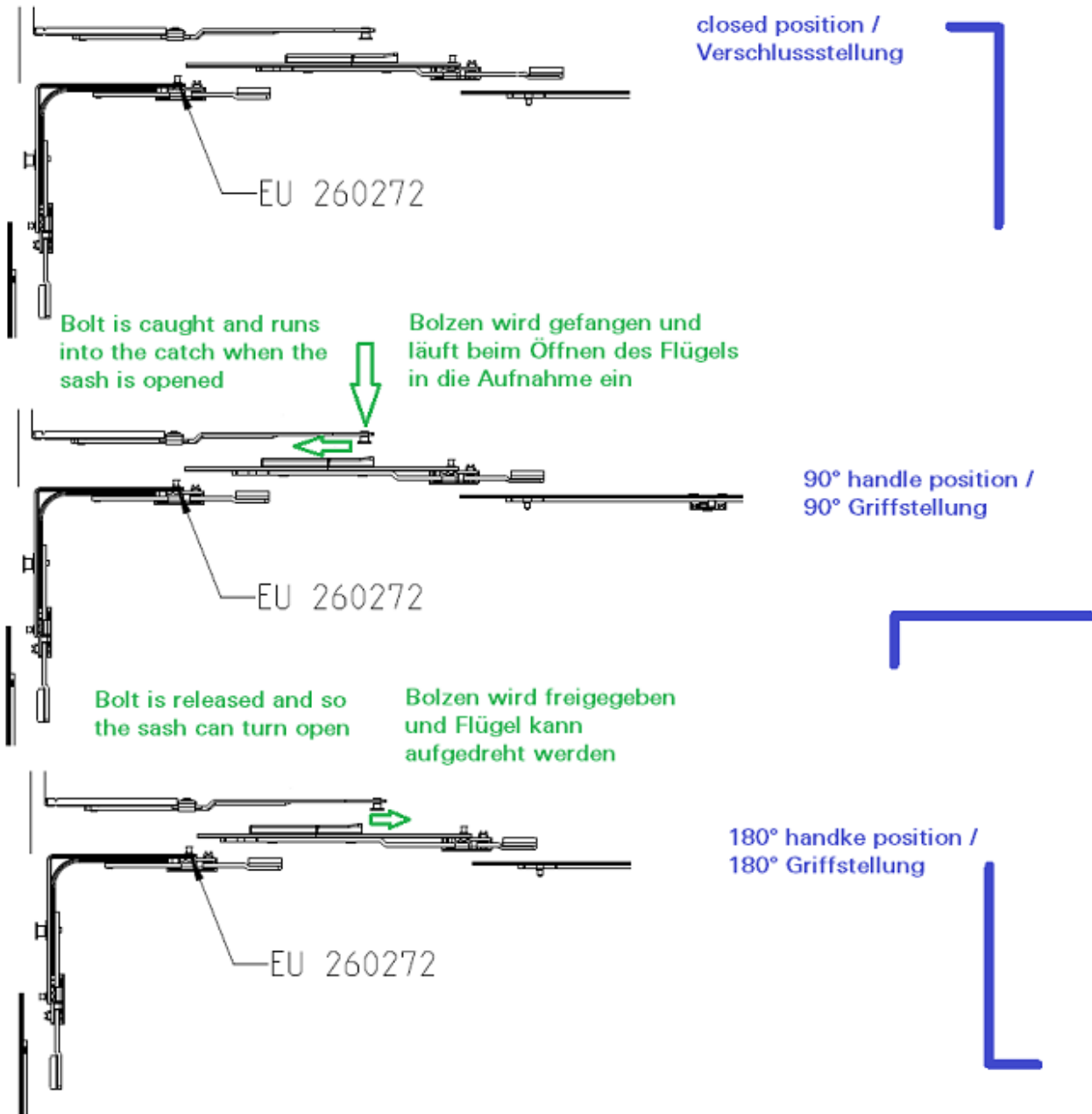
Article Overview

| Article Code | EAN No. | unit | Material Group |
|---------------------------------------|---------|------|----------------|
| 2054059 NX H/K OEB GTRS 200 SET L SIL | | 100 | 20 |
| 2054060 NX H/K OEB GTRS 200 SET R SIL | | 100 | 20 |



Einbaubeispiel für senkrechten Einbau auf der Getriebeseite oder Einbau oben und unten waagrecht. Je nach Einbauposition ist die linke (2054059) oder rechte (2054060) Variante des Öffnungsbegrenzers zu verwenden.

Fitting example for vertical installation on the espagnolettes side or horizontal installation at the top and bottom. Depending on the installation position, either the left-hand (2054059) or right-hand (2054060) version of the opening limiter must be used.



Roto Frank Fenster- und Türtechnologie GmbH

Wilhelm-Frank-Platz 1
 70771 Leinfelden-Echterdingen
 Deutschland