Optimisation of living space and care for architectural detail thanks to simplicity and minimalism.

These are the latest interior design dictates that overturn the concept of interior fittings, which leads to recessed jambs, trims and, most of all, exposed hinges.

The use of flush fit doors in modern interior design has been quite a challenge for hinge manufacturers. SFS intec has tackled this challenge by providing not just any hinge, but an entire range of products that meet the requirements of both door manufacturers and architects.

The former are happy to use our products due to their ease of use and adjustment; the latter appreciate how our range emphasises their design potential, allowing them to realise their idea of interior design and furnishing solutions.

Reasons to choose SFS intec pivot hinges

• greater aesthetic value of your door
• wide range of products
• one single product for both right and left-hand doors
• easy adjustment once the door is mounted
• complete systems equipped with caps and milling jigs
• no maintenance over time
• smooth sliding
• no squeaks

A hinge that looks into the future

A door hinge is a bit like the engine of a car. A car without an engine is as useless as a door without hinges. SFS intec has been providing solutions without compromise that look into the future for over 50 years. Solutions that always comply with EU directives and never require maintenance over the years.

SFS intec has been operating for over 50 years and has continuously evolved, adapting to market requirements.
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CAB-R 3D
CAB-R

Pivot door hinges
CAB-R 3D

Perfect combination between technology and aesthetics
Minimalist design, load capacities, and versatility are the main features of these high value added hinges.

They meet the aesthetic requirements of modern design, as well as the structural requirements of the main interior door manufacturers.

These innovative hinges are the result of important and continuous studies carried out by SFS intec into the markets it operates within, and especially of the continuous dialogue with our customers to understand their needs.

The CAB-R 3D hinge can be adjusted in the 3 dimensions using a single hex key (height: 0/+3 mm, side: +/-1.5 mm and depth: +/-2 mm).

It makes both the door panel and the frame reversible, meeting all manufacturing requirements with a single hinge.

Available in two versions, short and long, and can be applied upon milling door panels with a thickness ranging between 35 and 45 mm.

Thanks to its fastening system to the door panel and the self-lubricating bushes, which ensure smooth and maintenance-free movement over time, CAB-R 3D has passed the 200,000 cycle test with an 80 Kg door with ease.
Pivot door hinges

CAB-R *behind the minimalist design hides state of the art technology designed and manufactured by SFS intec*

Its elegant round and corrugated **design**, easy **adjustment** and **180° opening** makes this innovative hinge a must in this sector.

It has been designed for **simple and inexpensive application** to both right and left-hand doors.

SFS intec has created a full system for this product. In fact, besides the hinge, we provide embellishing cover caps, available in various colours, which can be applied inside the jamb, and the milling template, to optimise manufacturing times.

Adjustments are carried out once the door is mounted, using simple hex keys.

The sash part allows adjusting the door laterally up to +/- 3.0mm, whereas the frame part allows adjusting the depth by +/- 1.5mm.

The rotation fulcrum consists of a steel pin covered with a self-lubricating material, which ensures sliding and prevents squeaks and maintenance over time.

As all SFS intec products, CAB-R is technically reliable and has been tested to 200,000 cycles with a 70 kg door.
Pivot door hinges

CAB
CAB square
Pivot door hinges

**C A B - C A B square**

Two hinges with different aesthetics, one with a rounded design and the other with squarer shapes, which meet the requirements of modern interior design.

Easy to install and particularly suitable for industrial clients, thanks to their symmetry; their rotation point has been reinforced and their pin was elongated to improve their seal. Moreover, the square version has a self-lubricating bush, which makes the fixtures slide easily, keeping them squeak-free and maintenance-free.

A 1 mm nylon spacer, which can be applied to the frame, is available for possible adjustments whilst installing the door.

Brass, chrome, and matt nickel coated finishes are the aesthetic options for these hinges.
a double offer that meets essential requirements of modern design, demonstrating SFS intec’s commitment in every product, meeting market requirements through a practical simplification of the application
An invisible, yet essential presence, since it has been designed to be applied in a simple and inexpensive way on both right and left-handed doors.

Adjustments are carried out once the door is mounted, using simple hex keys. The sash part allows adjusting the door laterally up to +/- 3.0mm, whereas the frame part allows adjusting the depth by +/- 1.5mm.

The rotation fulcrum consists of a steel pin covered with a self-lubricating material, which ensures sliding and prevents squeaks and maintenance over time.

CIR is a full system. Besides the hinge, we provide embellishing cover caps, available in various colours, which can be applied inside the jamb, and the milling template.

Technically reliable, this new invisible hinge has been tested in 200,000 cycles with a 70 kg door.
Pivot door hinges

Accessories

Barausse System releasable hinge
Cover Caps
Adhesive spacer
Milling jigs
Barausse System releasable hinge
for pivot door hinges

Sash

Frame

26

14

Φ12

Φ16

Pivot door hinges accessories
Pivot door hinges accessories

Barausse System releasable hinge

Ordering codes
1188866

Cover Caps

Ordering codes
Finish Packaging
768006 White 12 pcs.
768007 Brown 12 pcs.
771111 Black 12 pcs.
766666 Brassed 12 pcs.
766667 Chromated 12 pcs.
1100909 Matt chrome 12 pcs.

Adhesive spacer
to rest on 1 mm floor for CAB-R 3D and CAB-R, CIR and CAB square

Milling jigs

Ordering codes
Packaging
1272271 60 pcs.

Milling jigs for CAB-R

Ordering codes
1272078

Milling jigs for CIR

Ordering codes
1272271

Jig for Barausse System releasable hinge

Ordering codes
1272788
Technical data CAB-R 3D

Technical drawings

Without milling

With milling

Adjustment instructions

Horizontal adjustment: adjust screw «X», using a 4mm Allen key to obtain a ±1.5mm adjustment.

Height adjustment: adjust screw «Y», using a 4mm Allen key to obtain a 0/+3mm adjustment.

Gasket pressure adjustment: adjust screw «Z», using a 4mm Allen key to obtain a ±2mm adjustment.

Milling diagrams

Sash and frame milling plane for built-in male

Milling table

Sash milling plane and frame screw positioning for non built-in male

Frame drilling

Screw positioning table

Finishes and codes

Ordering codes Finish Packaging
For panels between 40 and 45 mm 1272898 Male without milling Matt chrome 6 pairs
1158391 Male without milling Brassed 6 pairs
1272899 Male with milling Matt chrome 6 pairs
1158392 Male with milling Brassed 6 pairs

Ordering codes Finish Packaging
For panels between 35 and 40 mm 1272805 Male without milling Matt chrome 1 pair*
1197702 Male without milling Brassed 1 pair*
1272806 Male with milling Matt chrome 1 pair*
1197705 Male with milling Brassed 1 pair*

* 1 pair = 1 door

drawings available in .dxf format upon request
Technical data CAB-R

Technical drawings

Adjustment instructions

Depth adjustment
Loosen screws A and B and adjust eccentric screw C to adjust depth.

Lateral adjustment
Adjust screw D

Milling diagrams

Finishes and codes

Ordering codes | Finish | Packaging
---|---|---
1272070 | Matt chrome plated | 6 pairs
516543 | Gold colour | 6 pairs

* 1 pair = 1 door
Technical data CAB - CAB square

Technical drawings CAB

Application

Milling diagrams

We recommend using both washers in the lower part to rest on the floor.

Finishes and codes

<table>
<thead>
<tr>
<th>Ordering codes</th>
<th>Finish</th>
<th>Packaging</th>
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<tbody>
<tr>
<td>1164668</td>
<td>Brassed</td>
<td>40 pairs</td>
</tr>
<tr>
<td>1272701</td>
<td>Matt chrome</td>
<td>10 pairs</td>
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CAB square

drawings available in .dxf format upon request

CAB

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<tr>
<th>Ordering codes</th>
<th>Finish</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>1272496</td>
<td>Brassed</td>
<td>10 pairs</td>
</tr>
<tr>
<td>954008</td>
<td>Matt nickel</td>
<td>10 pairs</td>
</tr>
</tbody>
</table>

* 1 pair = 1 door
Technical data CIR

Adjustment instructions

Depth adjustment
Loosen screws A and B and adjust eccentric screw C to adjust depth.

Lateral adjustment
Adjust screw D

Milling diagrams

* 1 pair = 1 door
## Specifications

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<th>Description</th>
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<tbody>
<tr>
<td>CAB-R-3D-001</td>
<td>Design pivot hinge for 40-45 mm ush t doors without milling on the frame and a maximum weight of 80 kilos. The installation of the hinge does not require any operation on the ceiling and on the floor. Right and left handed. Reversible door and frame. Adjustable in 3 dimensions (height: 0/+3mm; horizontal: +/- 1,5mm; gasket pressure: +/-2mm) with only one Allen key. 180° opening. Self-lubricating bushes provide a smooth and silent movement. Finishings: matt chrome and brassed.</td>
</tr>
<tr>
<td>CAB-R-3D-002</td>
<td>Design pivot hinge for 40-45 mm ush t doors with milling on the frame and a maximum weight of 80 kilos. The installation of the hinge does not require any operation on the ceiling and on the floor. Right and left handed. Reversible door and frame. Adjustable in 3 dimensions (height: 0/+3mm; horizontal: +/- 1,5mm; gasket pressure: +/-2mm) with only one Allen key. 180° opening. Self-lubricating bushes provide a smooth and silent movement. Finishings: matt chrome and brassed.</td>
</tr>
<tr>
<td>CAB-R-3D-003</td>
<td>Design pivot hinge for 35-40 mm ush t doors without milling on the frame and a maximum weight of 80 kilos. The installation of the hinge does not require any operation on the ceiling and on the floor. Right and left handed. Reversible door and frame. Adjustable in 3 dimensions (height: 0/+3mm; horizontal: +/- 1,5mm; gasket pressure: +/-1mm) with only one Allen key. 180° opening. Self-lubricating bushes provide a smooth and silent movement. Finishings: matt chrome and brassed.</td>
</tr>
<tr>
<td>CAB-R-3D-004</td>
<td>Design pivot hinge for 35-40mm ush t doors with milling on the frame and a maximum weight of 80 kilos. The installation of the hinge does not require any operation on the ceiling and on the floor. Right and left handed. Reversible door and frame. Adjustable in 3 dimensions (height: 0/+3mm; horizontal: +/- 1,5mm; gasket pressure: +/-1mm) with only one Allen key. 180° opening. Self-lubricating bushes provide a smooth and silent movement. Finishings: matt chrome and brassed.</td>
</tr>
<tr>
<td>CAB-R</td>
<td>Design pivot hinge for ush t doors of 38 mm minimum panel and a maximum weight of 70 kilos. The installation of the hinge does not require any operation on the ceiling and on the floor. Right and left handed. Adjustable in 2 dimensions (horizontal: +/- 3mm; gasket pressure: +/-1,5mm) with only one Allen key. 180° opening. Self-lubricating bushes provide a smooth and silent movement. Finishings: matt chrome and brassed. Cover caps available in different nishings.</td>
</tr>
<tr>
<td>CAB-00-02</td>
<td>Design pivot hinge for timber and/or aluminium ush t doors of a maximum weight of 35 kilos. The installation of the hinge does not require any operation on the ceiling and on the floor. Right and left handed. 180° opening. Self-lubricating washers provide a smooth and silent movement. Finishings: matt chrome and brassed.</td>
</tr>
<tr>
<td>CAB-022</td>
<td>Design pivot hinge for timber and/or aluminium ush t doors of a maximum weight of 35 kilos. The installation of the hinge does not require any operation on the ceiling and on the floor. Right and left handed. 180° opening. Self-lubricating washers provide a smooth and silent movement. Finishings: matt chrome and brassed.</td>
</tr>
<tr>
<td>CIR-00-03</td>
<td>Design pivot hinge for ush t doors of 40 mm minimum panel and a maximum weight of 70 kilos. The installation of the hinge does not require any operation on the ceiling and on the floor. Right and left handed. Adjustable in 2 dimensions (horizontal: +/- 3mm; gasket pressure: +/-1,5mm) with only one Allen key. 110° opening. Self-lubricating bushes provide a smooth and silent movement. Finishings: matt chrome and brassed. Cover caps available in different nishings.</td>
</tr>
</tbody>
</table>