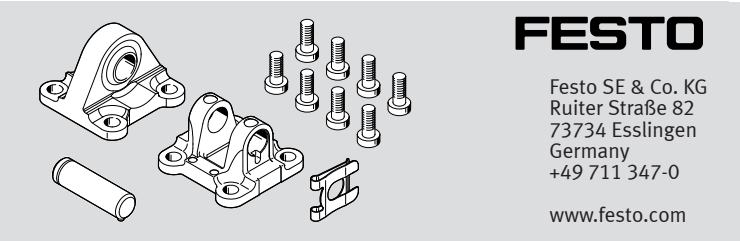


SNC.../CRSNCS
Swivel mounting



Assembly instructions

8181032
2022-12d
[8181034]



Translation of the original instructions
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1 Applicable documents

All available documents for the product -> www.festo.com/sp.

Table with 3 columns: Document, Product, Contents. Rows include Operating instruction, Assembly instructions for Adapter kit EAHA-P1 and P2, and Assembly instructions for Parallel kit EAMM-U-...-D.

Tab. 1: Applicable documents

2 Safety

2.1 Safety instructions

- Only mount the product on components that are in a condition to be safely operated.

2.2 Intended use

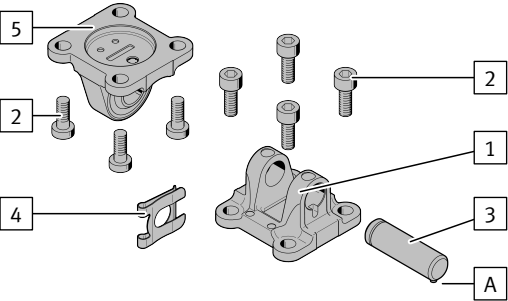
The swivel mounting fastens cylinders with a hole pattern in accordance with DIN ISO 15552:2005-12 or DIN ISO 21287:2005-12. Additional accessories are required for other cylinders.

3 Additional information

- Contact the regional Festo contact if you have technical problems -> www.festo.com.
- Accessories -> www.festo.com/catalogue.

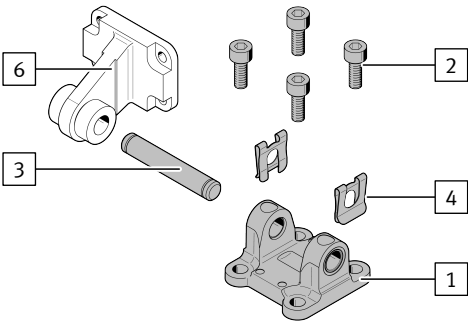
4 Product Range Overview

4.1 Scope of delivery for combination 1 with 5



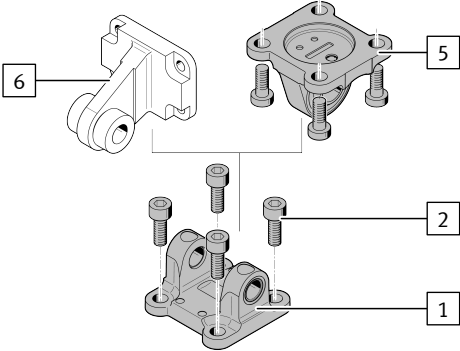
- 1 Swivel flange (1x) SNC/SNCB
- 2 Screw (8x)
- 3 Bolt (1x)
- 4 Fuse (1x or 2x)
- 5 Swivel flange (1x) SNCS/CRSNCS/SNCL
- A Anti-twist pin (1x) for swivel flange SNC

4.2 Scope of delivery for combination 1 with 6



- 1 Swivel flange (1x) SNC/SNCS/CRSNCS/SNCB
- 2 Screw (4x)
- 3 Bolt (1x)
- 4 Fuse (2x)
- 6 Clevis foot (1x) LBG/LN/LNG/LSN/LSNG/LSNSG (not in scope of delivery)

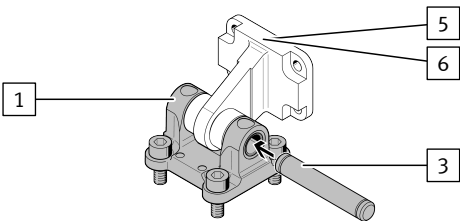
5 Mounting



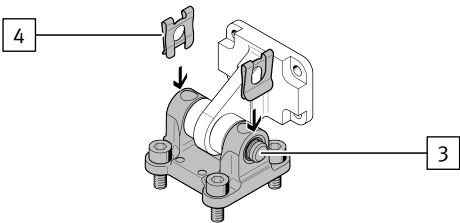
- 1. Place swivel flange 1 on the correct cylinder.
- 2. Tighten the screws 2. Do not exceed the maximum tightening torques.

Table with 5 columns: SNC.../CRSNCS, -32/-40, -50/-63, -80/-100, -125. Rows include screw specifications, tightening torques for cylinders, and applicable documents for various kits.

- 3. Place the swivel flange 5/clevis foot 6 on the swivel flange 1.
- The bearing holes are aligned.



- 1. Push the pin 3 into the bearing hole.
- 2. Swivel flange SNC: align anti-twist pin A.



- 1. Push the fuses 4 into the slots on the bolt 3.
- without anti-twist pin A: 2 fuses 4
- with anti-twist pin A: 1 fuse 4
- The bolt 3 is fixed.

5.1 Swivel angle α and tilt angle β for combination 1 with 5

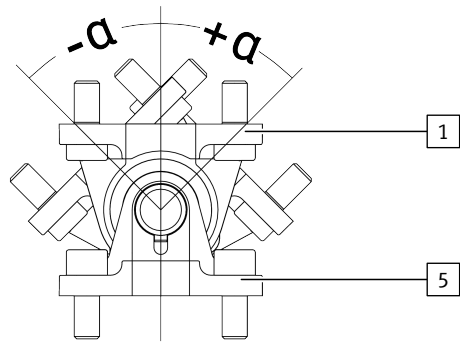


Fig.6

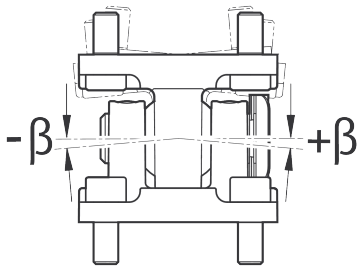


Fig.7

Tolerance of angles:

- α : $\pm 1^\circ$
- β : $\pm 0.5^\circ$

SNC.../CRSNCS		-32	-40	-50	-63	-80	-100	-125
SNC + SNCS, SNC + CRSNCS	α	$\pm 55^\circ$	$\pm 56^\circ$	$\pm 46^\circ$	$\pm 52^\circ$	$\pm 43^\circ$	$\pm 42^\circ$	$\pm 44^\circ$
	β	$\pm 5^\circ$	$\pm 5^\circ$	$\pm 5^\circ$	$\pm 5^\circ$	$\pm 5^\circ$	$\pm 4.5^\circ$	$\pm 6^\circ$
SNCB + SNCL	α	$\pm 47^\circ$	$\pm 58^\circ$	$\pm 45^\circ$	$\pm 58^\circ$	$\pm 38^\circ$	$\pm 43^\circ$	$\pm 46^\circ$
	β	-						

Tab. 2: Swivel angle and tilt angle

5.2 Swivel angle α and tilt angle β for combination 1 with 6

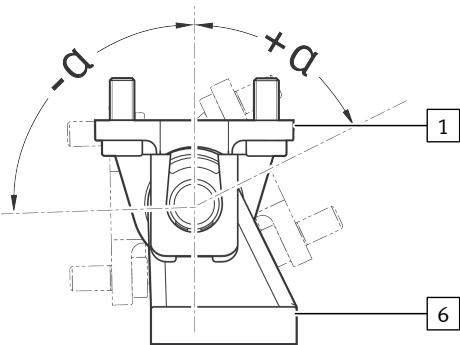


Fig.8

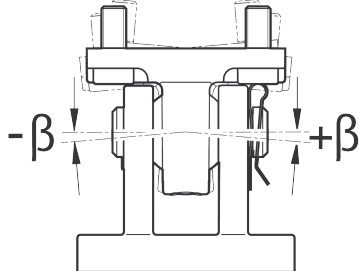


Fig.9

Tolerance of angles:

- α : $\pm 1^\circ$
- β : $\pm 0.5^\circ$

SNC.../CRSNCS		-32	-40	-50	-63	-80	-100	-125
SNCS + LBG, CRSNCS + LBG	$-\alpha$	-91°	-91°	-92°	-96°	-96°	-95°	-92°
	$+\alpha$	$+67^\circ$	$+68^\circ$	$+64^\circ$	$+72^\circ$	$+72^\circ$	$+65^\circ$	$+59^\circ$
	β	$\pm 5^\circ$	$\pm 5^\circ$	$\pm 6.5^\circ$	$\pm 5.5^\circ$	$\pm 5^\circ$	$\pm 5^\circ$	$\pm 6.5^\circ$
SNCB + LN, SNCB + LNG	$-\alpha$	-110°	-108°	-111°	-109°	-108°	-108°	-110°
	$+\alpha$	$+70^\circ$	$+72^\circ$	$+66^\circ$	$+78^\circ$	$+68^\circ$	$+68^\circ$	$+61^\circ$
	β	-						
SNCB + LSN, SNCB + LSNG, SNCB + LSNSG	$-\alpha$	-106°	-112°	-108°	-108°	-111°	-107°	-109°
	$+\alpha$	$+62^\circ$	$+65^\circ$	$+60^\circ$	$+65^\circ$	$+60^\circ$	$+61^\circ$	$+42^\circ$
	β	$\pm 4^\circ$						

Tab. 3: Swivel angle and tilt angle