

## Swivel flange SNC.../CRSNCS

### 1. Applicable documents

All available documents on the product → [www.festo.com/pk](http://www.festo.com/pk)

→ Operating instructions for the cylinder

### 2. Safety

- Switch off power supply and compressed air before assembly work.
- Observe tightening torques (→ Section 6).
- Observe applicable documents.

### 3. Intended use

Swivel flange SNC.../CRSNCS:

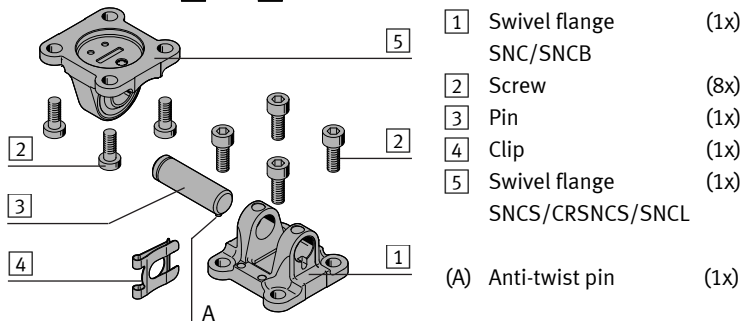
Swivelling mounting for cylinders from Festo with hole pattern in accordance with DIN ISO 15552:2005-12 or DIN ISO 21287:2005-12.

### 4. Further information

Accessories for SNC.../CRSNCS → [www.festo.com/catalogue](http://www.festo.com/catalogue)

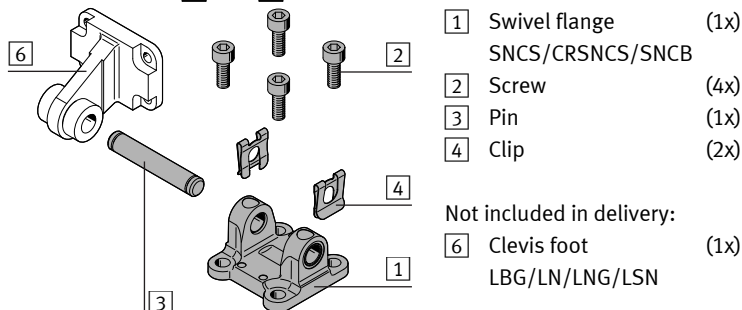
### 5. Scope of delivery

#### 5a. Combination: 1 with 5



- 1 Swivel flange SNC/SNCB (1x)
- 2 Screw (8x)
- 3 Pin (1x)
- 4 Clip (1x)
- 5 Swivel flange SNCS/CRSNCS/SNCL (1x)
- (A) Anti-twist pin (1x)

#### 5b. Combination: 1 with 6

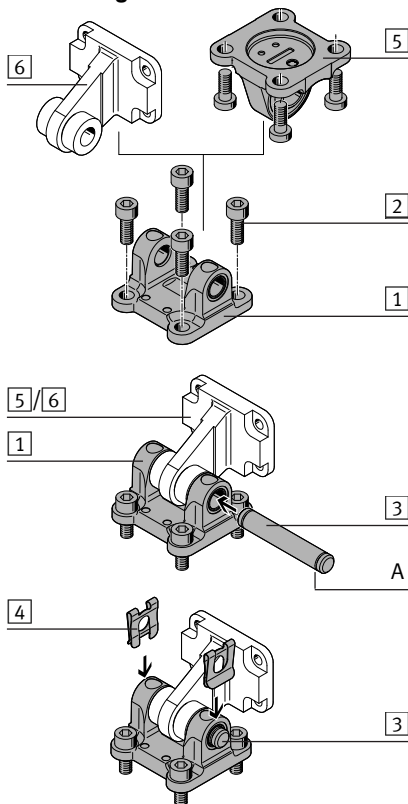


- 1 Swivel flange SNCS/CRSNCS/SNCB (1x)
- 2 Screw (4x)
- 3 Pin (1x)
- 4 Clip (2x)
- Not included in delivery:
- 6 Clevis foot LBG/LN/LNG/LSN (1x)

### 6. Thread sizes and tightening torques $M_A$ <sup>1)</sup>

SNC.../CRSNCS		32/40	50/63	80/100	125
2 Screw		M6	M8	M10	M12
For cylinders in accordance with ISO 15552	[Nm]	5	8	15	45
For cylinders ADN, ADVC, ADVU, AEN, AEVC, AEVU, CDC, CLR	[Nm]	8	23	32	35
For electrical cylinders	[Nm]	→ Operating instructions for cylinder			

### 7. Mounting



- Place swivel flange 1 on the correct cylinder.
  - Tighten screws 2. Comply with the tightening torque (→ Section 6).
  - Place swivel flange 5/clevis foot 6 on the swivel flange 1.
- Bearing holes are aligned.

- Push the bolt 3 into the bearing hole.

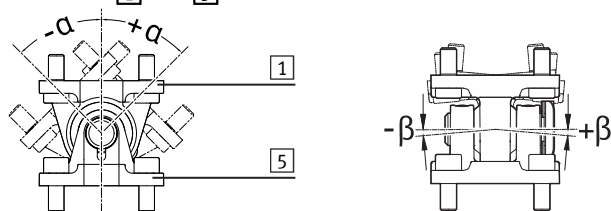
For swivel flange SNC:

- Pay attention to anti-twist pin (A).

- Fix pin 3: Push clips 4 into the intended slots.

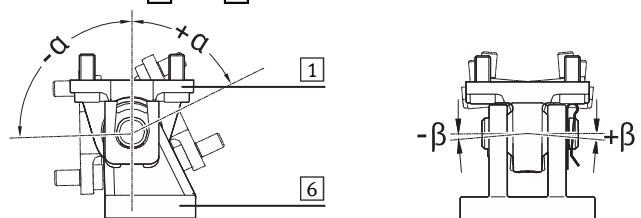
### 8. Possible swivel angle $\alpha$ or tilt angle $\beta$ <sup>2)</sup>

#### 8a. Combination: 1 with 5



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

#### 8b. Combination: 1 with 6



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

<sup>1)</sup> Tolerance for tightening torques  $M_A$  without indication of tolerance  $\pm 20\%$

<sup>2)</sup> Tolerance for  $\alpha$ :  $\pm 1^\circ$  and  $\beta$ :  $\pm 0.5^\circ$