

Scope of delivery:

Checking the delivered parts

Note: The thermo-electric release device and spring return actuator are not shown on the photo.

- (1) Cover plate
- (2) Cover plate seal
- (3) Spacer sleeves
- (4) Stud bolts M5 x 85
- (5) Tapping screw pitch 3.9 x 25 VA

Dimension [mm]	Spring return actuator
All sizes	BFL 24-T-ST SO (B10) BFL 230-T SO (B11)
	BFN 24-T-ST SO (B20) *) BFN 230-T SO (B21) *)

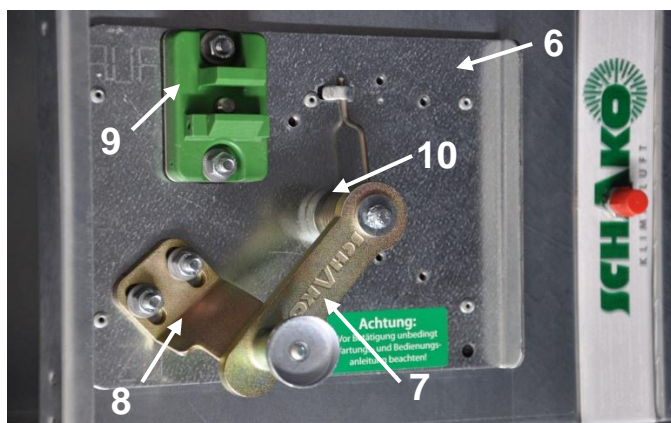
Table: Spring return actuators

Note: Spring return actuator depends on the date of manufacture of the BSK!

**) Before Aug 17, 2015, the spring return actuator BFN must be used*

Recommended tools - to be provided by the customer!

- A: 2 combination wrenches 10 mm
- B: Battery-powered screwdriver
- C: HSS drill bits
(Ø 2.6 mm; Ø 3.3 mm; 10 mm)
- D: Screwdriver
- E: Pipe wrench



Actual state:

- (6) Mounting plate
- (7) Hand lever
- (8) Locking profile
- (9) Release device
- (10) Torsion spring

Important: Before starting the dismantling work, unhook the torsion spring (10)!

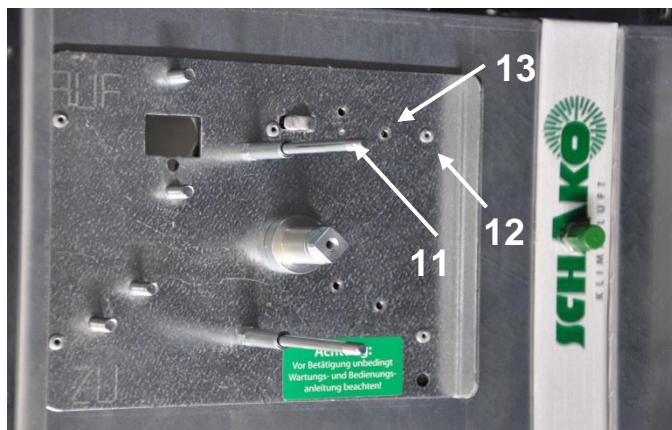
Working steps to be carried out:

Dismounting:

- (10) Torsion spring
- (9) Release device
- (8) Locking profile
- (7) Hand lever
- Limit switch, if required



SCHAKO cannot be held liable for conversions on site. Conversions on site must be carried out by qualified persons.

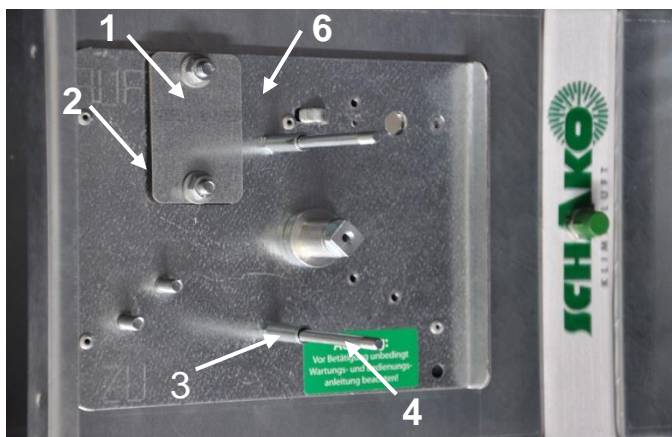


Mounting preparation:

- (11) Enlarge the bore to Ø 2.6 mm
- (12) Enlarge the bore to Ø 3.3 mm
- (13) Enlarge the bore to Ø 10.0 mm

Mounting:

- Mount the new cover plate seal (2) with cover plate (1) and M6 nuts to the mounting plate (6).
- Screw the stud bolts (4) M5 x 85 included in the delivery into the threads in the mounting plate (6) and secure them with M5 hexagon nuts.
- Slide 2 spacer sleeves (3) over the stud bolts.
- Attach the spring return actuator (14) on both stud bolts (4) and fasten it with washers and M5 nuts.



Note: Observe the rotation direction (R/L) of the spring return actuator! If necessary, use the hand lever to bring it to the correct position.

- Fasten the thermo-electric release device (15) on the housing.
- For this, the screw included in the delivery and mounted on the release device must be replaced by the tapping screw (5) ST4.2 x 25 on position (12).
- After the conversion is terminated, carry out a function test.



Safety function of the actuator is only guaranteed if the actuator has been connected to the supply voltage in accordance with regulations and unlocked mechanically.

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