

Scope of delivery:

Checking the delivered parts

Note: Assembly group is pre-mounted ex works. Fastening elements are not shown on the photo.

- (1) Mounting plate
- (2) Spring return actuator according to the table
- (3) Thermo-electric release device

Dimension [mm]	Spring return actuator
$W \leq 800 \times H < 450$	BFL 24-T-ST SO (B10) BFL 230-T SO (B11)
$W > 800 \times H < 450$	BFN 24-T-ST SO (B20) BFN 230-T SO (B21)
$W \geq 200 \times H \geq 450$	BFG 24-T-ST SO (ELD-I-B 24) BFG 230-T SO (ELD-I-B 230)

Note: The spring return actuator depends on the BSK dimensions!

Recommended tools - to be provided by the customer!

A: 2 combination wrenches 10 mm
 B: Pipe wrench

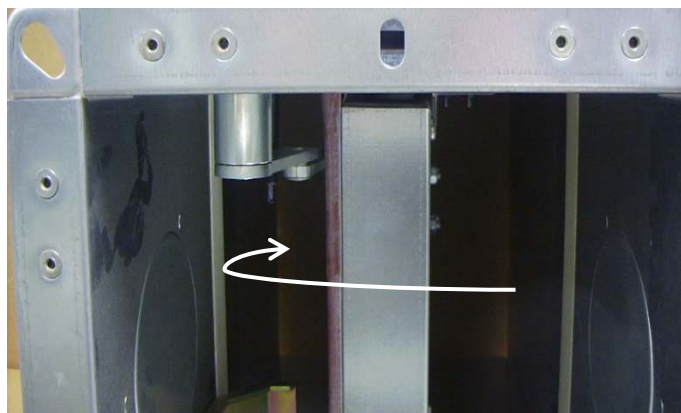
Table: Spring return actuators



Actual state:

- (1a) Mounting plate
- (4) Hand lever
- (5) Torsion spring
- (6) Locking profile
- (7) Release device
- (8) Limit switch, if required

Important: Before starting the dismantling work, unhook the torsion

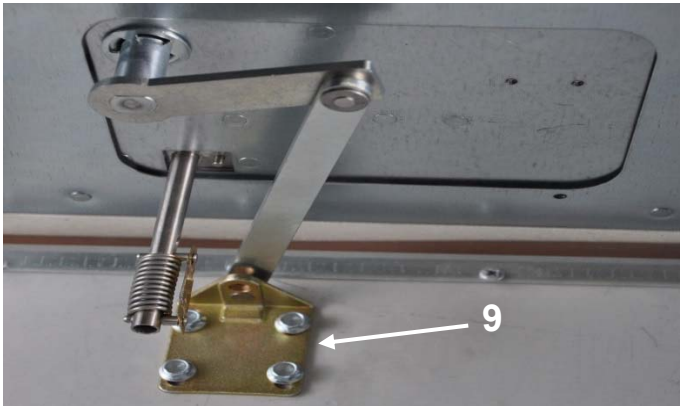


Working steps to be carried out:

Dismounting:

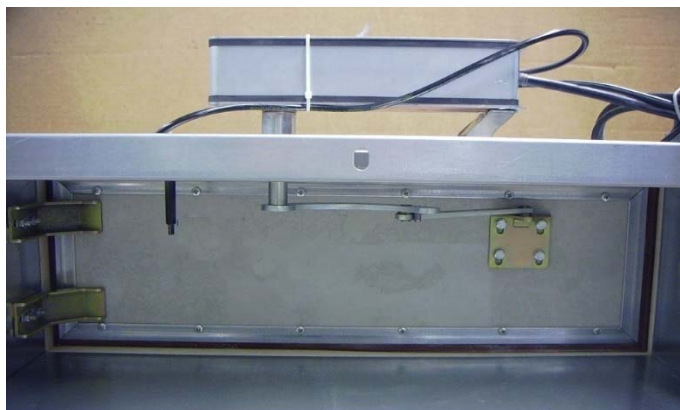
- Unscrew the mounting plate (1a)
- Set the damper blade manually to "OPEN" position ("AUF") (see figure)
- Dismount the limit switch

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



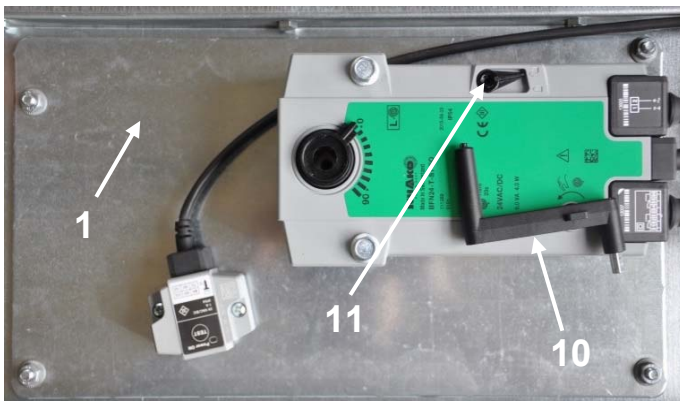
- Unscrew the fixing bracket for damper blade (9)
- The complete manual release mechanism can be removed.

Note: 4 hexagon bolts M6 x 65 and nuts 8x M6 are included in the delivery!



Mounting:

- Fasten the new mounting plate (1) on the housing
- Position the fixing bracket (9) for damper blade and insert the 4 hexagon bolts M6 x 65 into the holes
- Turn the spring return actuator with the help of the hand lever (10) from "0°" position to "90°/180°" position and lock it (11).
- Screw the fixing bracket (9) to the damper blade using 4 hexagon bolts M6 x 65 and M6 nuts.
- Unlock the actuator and close the damper blade.
- After the conversion is terminated, carry out a function test.
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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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