

# Maintenance / Repair Instructions for Pinch Valves

## Series OV type P2-PA2 (with two pneumatic cylinders)



### Type P2

**Step 1:** Remove the body half screws (16) of the body halves (02).

**Step 2:** Remove the guide traverse (08) by loosening the guide traverse nuts (19). Supply air to the cylinder (15) to close the valve.

**Step 3:** Turn right to unscrew the ring nuts (09) of the pinch bar (05). Unscrew the sleeve fixing screws (17) and remove the sleeve (04).

**Step 4:** Replace the sleeve (04) and mount the sleeve fixing screws (17). Turn left to fix the ring nuts (09) of the pinch bar (05).

**Step 5:** Supply air to the cylinder (15) to open the valve and fix the body half screws and nuts (16). Insert the guide traverse (08) back into the body halves (02), center it and block the four nuts (19).

Operate the valve several times and check for easy running closing and opening.

### Type PA2

**Step 1:** Supply air to the cylinder (15F). Remove the body half screws (16) of the body halves (02).

**Step 2:** Then remove the guide traverse (8) by loosening the guide traverse nuts (19). Remove the air from the cylinder (15F) to close the valve.

**Step 3-5:** see type P2

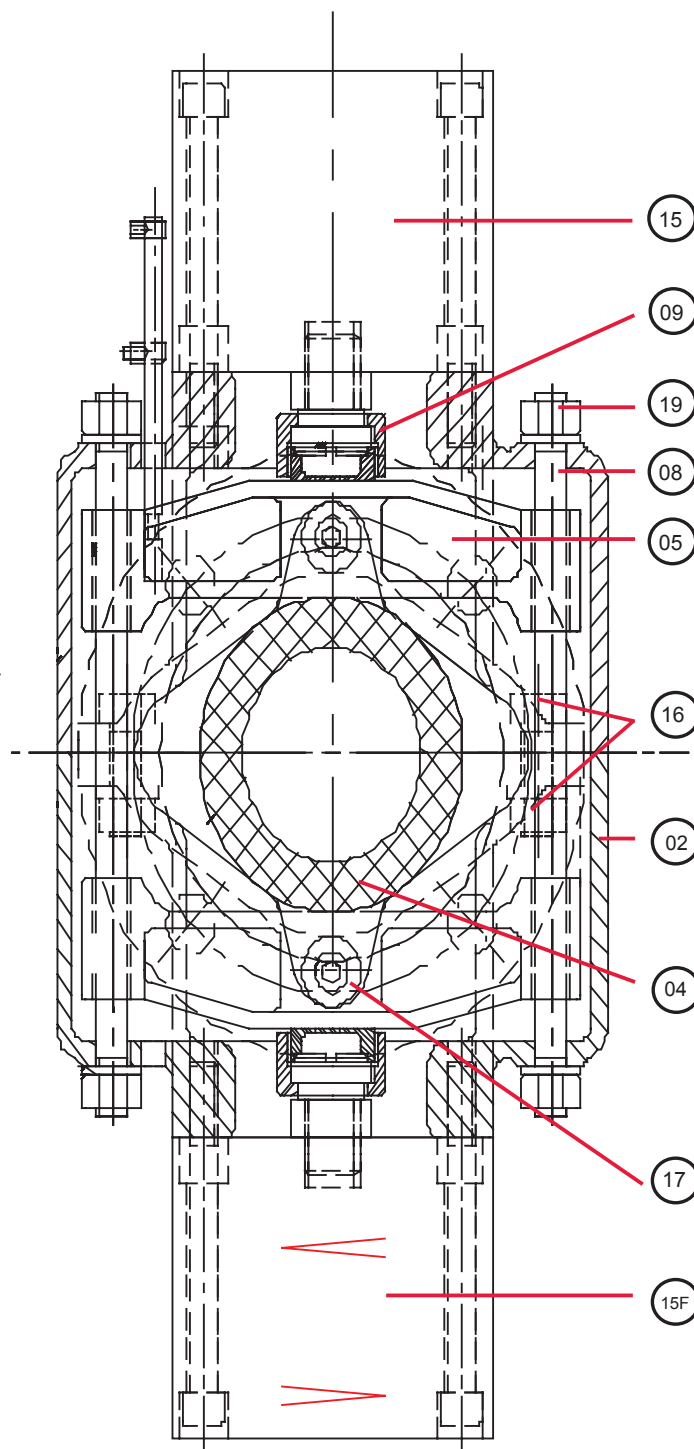
Code	Description	Quantity
02	Body half	2
04	Sleeve	1
05	pinch bar	2
09	Ring nut (left-hand thread)	2
08	Guide traverse	2
15	Cylinder double acting	2
15F	Cylinder single acting (spring closed)	2
16	Body half screws	4
17	Sleeve fixing screws	4
19	Guide traverse nuts	4

Technical details subject to change without notice.

### AKO Armaturen & Separationstechnik GmbH

D-65468 Trebur-Astheim • Adam-Opel-Str. 5 • Phone: +49 (0) 61 47-9159-0 • Fax: +49 (0) 61 47-9159-59  
E-Mail: [ako@ako-armaturen.de](mailto:ako@ako-armaturen.de) • Web: [www.pinch-valve.com](http://www.pinch-valve.com)

**P2: DN 65 - 250mm**  
with two double acting cylinders



**PA2: DN 65 - 200mm,**  
with two single acting cylinders.  
The valve is spring closed.



[www.pinch-valve.com/videos.html](http://www.pinch-valve.com/videos.html)