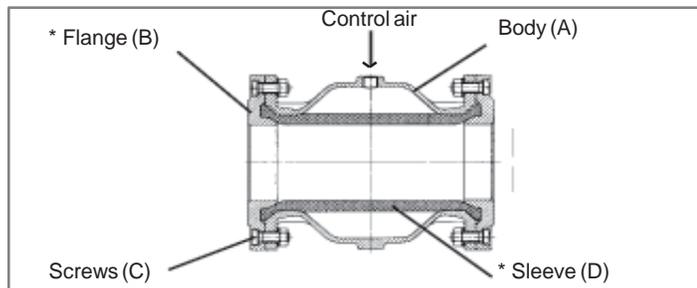


# Assembly Instruction for AKO Pinch Valve

## Series V+VF DN 40 to 80 mm



### Removing the old sleeve

Loosen bolts (C), take off flanges (B). Pull out old sleeve (D) by using a pipe wrench.

In case it is too hard, please use AKO mounting paste (MP200) in-between sleeve and body.

### Installation of the new sleeve

Picture 1: Spread inside surfaces of sleeve (D) and cones of flanges (B) using AKO mounting paste (MP200).

**Caution:** Do not use any grease or oily paste!

Picture 2: Push sleeve (D) into body (A) until it is centred. In case it is too hard, please use AKO mounting paste (MP200).

Picture 3: Push flange cone (B) into the sleeve (D) and fix it with bolt (C), washer and nut.

Picture 4: Push opposite side of flange (B) into sleeve (D) and tighten second bolt (C), washer and nut approx. five threads.

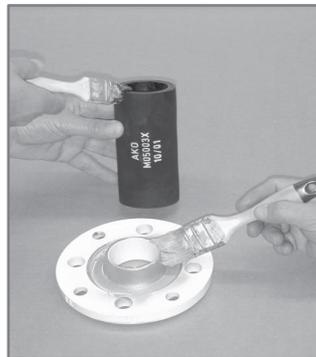
Picture 5: Turn the valve by 180°. Assemble second flange (B) as described in picture 3+4..

Picture 6: Tighten remaining bolts (approx. 22 ft.lbs) in counter clockwise order.

Picture 7: Alternatively assembly: tighten valve under a mechanical press until flanges are directly onto body flange surface. Tighten bolts (approx. 22 ft.lbs).

In case the sleeve fold triangular, please put a suitable piece of wood with the small part facing to the air inlet, similar to the mounting of pinch valves V+VF DN100-DN250 (picture 8). Please repeat this procedure four times with maximum 3bar closing pressure.

\* Replacement-/Maintenance parts:  
Sleeve (D) and flanges (B).



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



Picture 7

Technical details subject to change without notice.



**Basecamp Process Components, LLC**

7685-A Corporate Blvd., Plain City, Ohio 43064, USA

T: +1 614-873-8995 • E-mail: [info@akopinvalves.com](mailto:info@akopinvalves.com) • Web: [www.akopinvalves.com](http://www.akopinvalves.com)