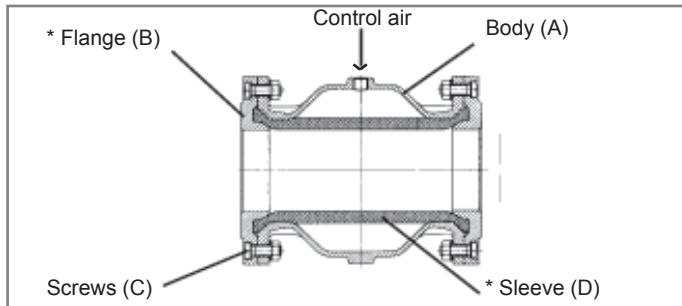


Maintenance / repair of pinch valves

Series VF DN 40 to 80 (flange type)



Removing the old sleeve

Loose 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, for food sector MPL200) 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, for food sector MPL200).

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, for food sector MPL200).

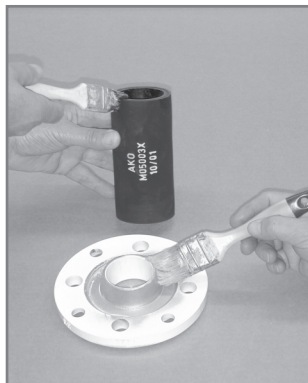
Picture 3: Push flange cone (B) into the sleeve (D) and fix it with bolt (C), washer and nut.

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. 30Nm) 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. 30Nm).
When closing the pinch valve for the first time, a control pressure of 3bar must be applied to enable the sleeve to close fully, showing a lip-shaped form in the sleeve.



Picture 1



Picture 2



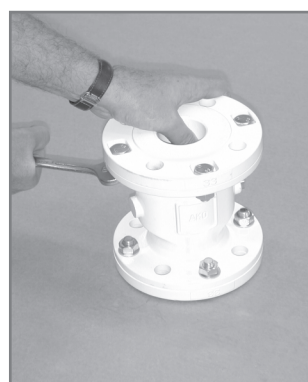
Picture 3



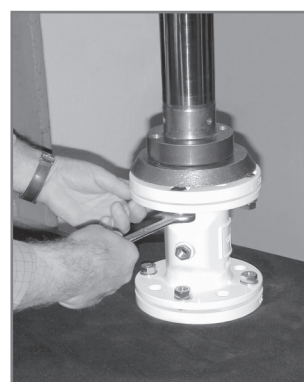
Picture 4



Picture 5



Picture 6



Picture 7

* Replacement-/Maintenance parts:

Sleeve (D) and flanges (B).
Assembly tool: AKO mounting paste (MP200, for food sector MPL200).

 <http://www.pinch-valve.com/videos.html>

Technical details subject to change without notice

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