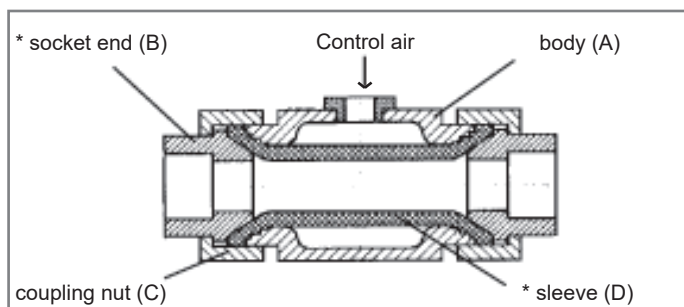


# Maintenance / repair of pinch valves

## Series VM+VMF DN 10 to 50 (socket type)



### Removing the old sleeve

Put pinch valve in a vice.

Loose both nuts (C).

Pull out old sleeve (D) by using a pipe wrench.

Clean all valve parts and inspect for wear (i.e. sharp edges).

### Installation of the new sleeve

**Picture 1:** 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) in-between sleeve and body.

**Caution:** Spread threads by using grease paste (GLP805).

**Picture 2:** Spread inside and outside surfaces of sleeve (D) and cones of sockets (B). Use AKO mounting paste (MP200, for food sector MPL200). **Caution:** Do not use any grease or oily paste.

**Picture 3+4:** Hold the body and sleeve assembly. Push the socket (B) so that the cone fits into the sleeve (D). Pushing it in with your thumb and then put coupling nut (C) on to the body.

**Picture 5:** Turn the valve by 180°. Assemble second socket (B) with coupling nut (C).

**Picture 6+7:** Put the valve unit into a vice in a horizontal position and tighten until the sockets are nearly touching the body surface. Tighten nuts hand tight.

**Caution:** Don't use any separate tool.

**Functional test:** When closing the Pinch Valve for the first time, a control pressure of 4BAR must be applied to enable the sleeve to close fully, showing a lip-shaped form in the sleeve.

Check that the fully mounted valve creates a lip-shaped closing pattern in the direction of the air connection.

If necessary, correct the closing pattern by pushing the sleeve in the direction of the air connection using a thin and blunt object (e.g. an open-end wrench).

### \*Replacement-/Maintenance parts:

Sleeve (D) and sockets (B).

### Assembly tool:

AKO mounting paste (MP200, for food sector MPL200)



<https://www.pinch-valve.com/videos>



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



Picture 7

Technical details subject to change without notice

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