

Codification of AKO pinch valves

Code-No.: **Example (flange standard):**
 VF 100 . 03X . 332 . 30 G LA D
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 1 2 3 4 5 6 7 8 9

Code-No.: **Example (socket type):**
 VMF 032 . 03X . 70 . 30 LA
 | | | | | |
 1 2 3 4 6 8

1. Type / Variation:

- V** = flange variation (flanges 10,20,30,3050,30xxFLM)
- VF** = flange variation (oval shaped body, flanges 31,33,35,33xFFLM)
- VA** = flange variation (stainless steel design)
- VT** = tanker flange variation
- VM** = socket type
- VMF** = socket type (oval shaped body)

Variations with appendix X (e.g. VX) are standing for variation for Ex-areas.

2. Diameter: millimetre (mm)

3. Sleeve qualities:

01XX = CR (neoprene)	04LWK = EPDM food pale
02XX = NR (natural rubber) food quality	05K = FPM / FKM (viton)
03XX = NR anti-abrasive	07XK = NBR (nitrile)
03LFX = NR conductive	07LSK = NBR food black
03HK = NR high temp.	07LWK = NBR food pale
04HTECK = EPDM / EPDM food black	07LFX = NBR conductive
04HTECKLF = EPDM conductive / EPDM food black conductive	08XK = CSM (hypalon)
	09XK = IIR (butyle)

Variations with appendix LF (e.g. 03LF) are standing for conductive sleeves (< 10⁶ Ohm).
 Variations with appendix SF (e.g. 03SF) are standing for silicone-free sleeves.

4. Connection material: Flanges resp. sockets

10 = steel	33x* = aluminium for flange sleeve (VF)
20 = cast iron	35 = aluminium with stainl. steel bushing (VF)
30 = aluminium	50 = stainless steel (AISI 316)
30xx* = aluminium w/ flange sleeve (V)	70 = POM
3050 = aluminium w/ stainl. steel bushing (V)	75 = PVDF
3070 = aluminium w/ POM bushing (V)	80 = PVC
31 = aluminium w/ steel bushing (VF/VT)	85 = PP
33 = aluminium (VF/VT)	90 = brass

5. Flange sleeve quality:

1 = CR (neoprene)	5 = FPM / FKM (viton)
2 = NR (natural rubber) food white	6 = silicone
2LS = NR food black	7 = NBR (nitrile)
3 = NR anti-abrasive	7LS = NBR food black
3H = NR high temperature	7LW = NBR food pale
4 = EPDM	8 = CSM (hypalon)
4LS = EPDM food black	9 = IIR (butyle)
4LW = EPDM food pale	

6. Body materials:

10 = steel	70 = POM
30 = aluminium	80 = PVC
50 = stainless steel (AISI 316)	90 = brass

7. Special variations:

- A** = ANSI -flange bored
- G** = flange with internal thread

8. Colours (alike):

LA = white RAL9010	LX = white aluminium RAL9006
LB = red RAL3020	L+RAL = special colours (e.g. L7031 blue grey)
LC = blue RAL5005	

9. Special variations:

D = second air connection	A2 = stainless steel valves screw
ON = without air connection reduction fitting	

Technical details subject to change without notice.

