

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
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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)
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:

01X	= CR (neoprene)	04LW	= EPDM food pale
02X	= natural rubber food white	05	= viton
02LS	= natural rubber food black	06	= silicone
03X	= natural rubber anti-abrasive	07X	= nitrile
03H	= natural rubber high temperature	07LS	= nitrile food black
04	= EPDM	07LW	= nitrile food pale
04HTEC	= EPDM food black	08X	= CSM (hypalon)
04HTECLF	= EPDM food black conductive	09X	= butyle
04LS	= EPDM food black		

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	= viton
2	= natural rubber food white	6	= silicone
2LS	= natural rubber food black	7	= nitrile (NBR)
3	= natural rubber anti-abrasive	7LS	= nitrile (NBR) food black
3H	= natural rubber high temperature	7LW	= nitrile (NBR) food pale
4	= EPDM	8	= CSM (hypalon)
4LS	= EPDM food black	9	= 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		