

Air operated Pinch Valves with Flange Connection of V/VF series



Pinch Valves as shut-off Valves

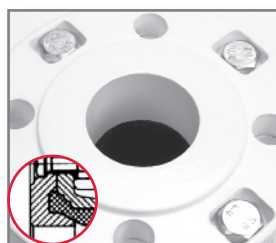
Due to its simple structure, AKO's air operated pinch valve represents a particularly low cost/economic shut-off valve solution, because a separate drive is not required for actuating them.

In fact, only a 3/2-way solenoid valve or pilot valve is needed to control them.

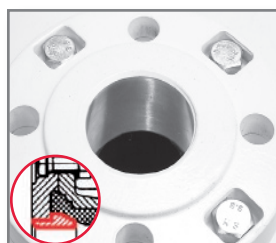
Pinch Valves comply with PED (97/23/EC)

Air operated Pinch Valves with Flange Connection

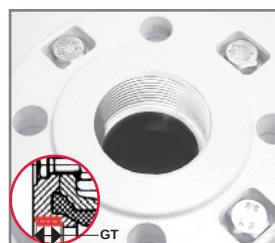
Flange variations:



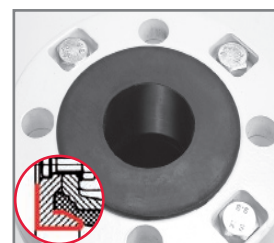
Standard aluminium



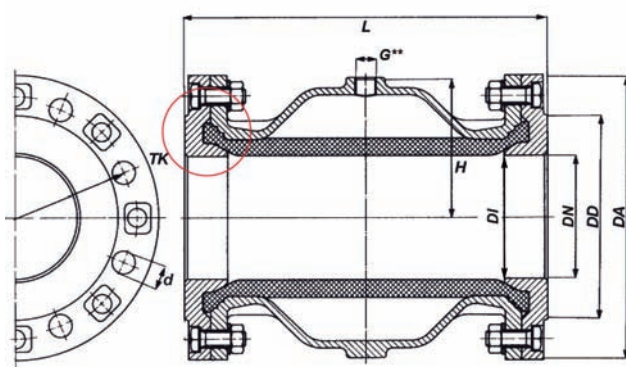
St. steel/steel bushing



Internal thread



With flange sleeve***



Materials:

Body:

aluminium, stainless steel, steel (DN 250)

Flanges:

aluminium (alu), alu with stainless steel/steel, alu with internal thread, alu with flange sleeve

DN (mm)	DI (mm)	DA (mm)	DD (mm)	d (mm)	screws	TK (mm)	L (mm)	H (mm)	E (mm)	Weight (kg) Alu-flanges	Volume (l)* (ca. / approx)	PS max. (bar)	Internal thread	GT depth (mm)
40	40	150	88	18	4	110	155	51	28	2,9	0,20	6	G 1½"	19
50	50	165	102	18	4	125	183	60	30	3,7	0,30	6	G 2"	24
65	65	185	122	18	4	145	183	76	28	4,3	0,45	6	G 2½"	22
80	80	200	138	18	8	160	228	90	31	5,6	0,95	6	G 3"	22
100	100	220	158	18	8	180	280	107	35	8,4	1,70	6	G 4"	20
125	125	250	184	18	8	210	348	130	40	12,0	3,50	6	-	-
150	150	285	212	22	8	240	418	155	43	17,0	7,00	6	-	-
200	200	340	268	22	8	295	558	200	60	35,0	15,50	4	-	-
250	250	395	320	22	12	350	610	258	49	84,0 (Stahl)	30,00	2	-	-

* Volume = Control volume with closed sleeve. Flange connection pursuant to DIN PN 10. ANSI on request.

** Air connection standard G1/4" until DN150mm, DN200-3/8", DN250-1/2".

*** Flange sleeve sealing increases the Dimension L (DN 40 - 100)

Sleeves:

Natural rubber (NR) antiabrasive, NR foodquality, natural rubber high temp., EPDM, EPDM food black, EPDM food pale, NBR (Nitrile), NBR food black, NBR food pale, FPM / FKM, Silicone, (CR) Neoprene, CSM, IIR

Pinch Valve Accessories to be found on our data sheet "Z01"-Pinch Valve Accessories.

Technical details subject to change without notice.

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