

Air operated Pinch Valves with Flange Connection of 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)

Materials:

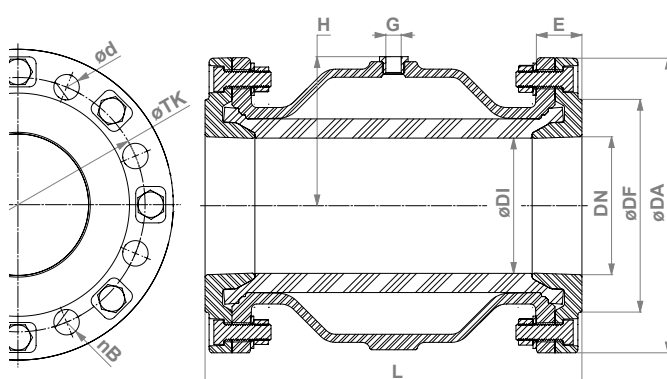
Body/Flange: Aluminum

Valve finish:

Powder coated 60-80µm white RAL9010

Air operated Pinch Valves

with Flange Connection of VF series



Flange variations:

- 1 aluminum flange
- 2 aluminum flange with steel/ stainless steel bushing
- 3 aluminum flange with internal thread
- 4 aluminum flange with flange sleeve**

DN (mm)	ϕDI (mm)	ϕDA (mm)	ϕDF (mm)	nB***	ϕd (mm)	ϕTK (mm)	L (mm)	G (inch)	H (mm)	E (mm)	Weight (kg) Alu-flanges	Volume (l)* (ca. / approx)	PS max. (bar)	Internal thread	GT depth (mm)
40	40	150	88	4	18	110	155	G 1/4"	56	28	2,9	0,20	6	G 1½"	19
50	50	165	102	4	18	125	183	G 1/4"	65	30	3,7	0,30	6	G 2"	24
65	65	185	122	4	18	145	183	G 1/4"	81	28	4,3	0,45	6	G 2½"	22
80	80	200	138	8	18	160	228	G 1/4"	95	31	5,6	0,95	6	G 3"	22
100	100	220	158	8	18	180	280	G 1/4"	112	35	8,4	1,70	6	G 4"	20
125	118	250	184	8	18	210	348	G 1/4"	136	40	12,0	3,50	6	-	-
150	145	285	212	8	22	240	418	G 1/4"	160	43	17,0	7,00	6	-	-
200	190	340	268	8	22	295	558	G 3/8"	206	60	35,0	15,50	4	-	-
250	250	395	320	12	22	350	680	G 1/2"	266	67	56,0	30,00	3	-	-
300	300	444	370	12	22	400	820	G 1/2"	306	70	86,0	49,00	3	-	-

- * Volume = Control volume with closed sleeve
 Flange connection pursuant to DIN PN 10. ANSI on request.
- ** Flange sleeve sealing increases the Dimension L (DN 40 - 100)
- *** Number of holes

Sleeves:

natural rubber (NR) anti-abrasive, NR food quality, NR high temp., EPDM, EPDM food black, EPDM food pale, NBR, NBR food black, NBR food pale, FPM/FKM, silicone, CR, CSM, IIR

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

Technical details subject to change without notice.

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