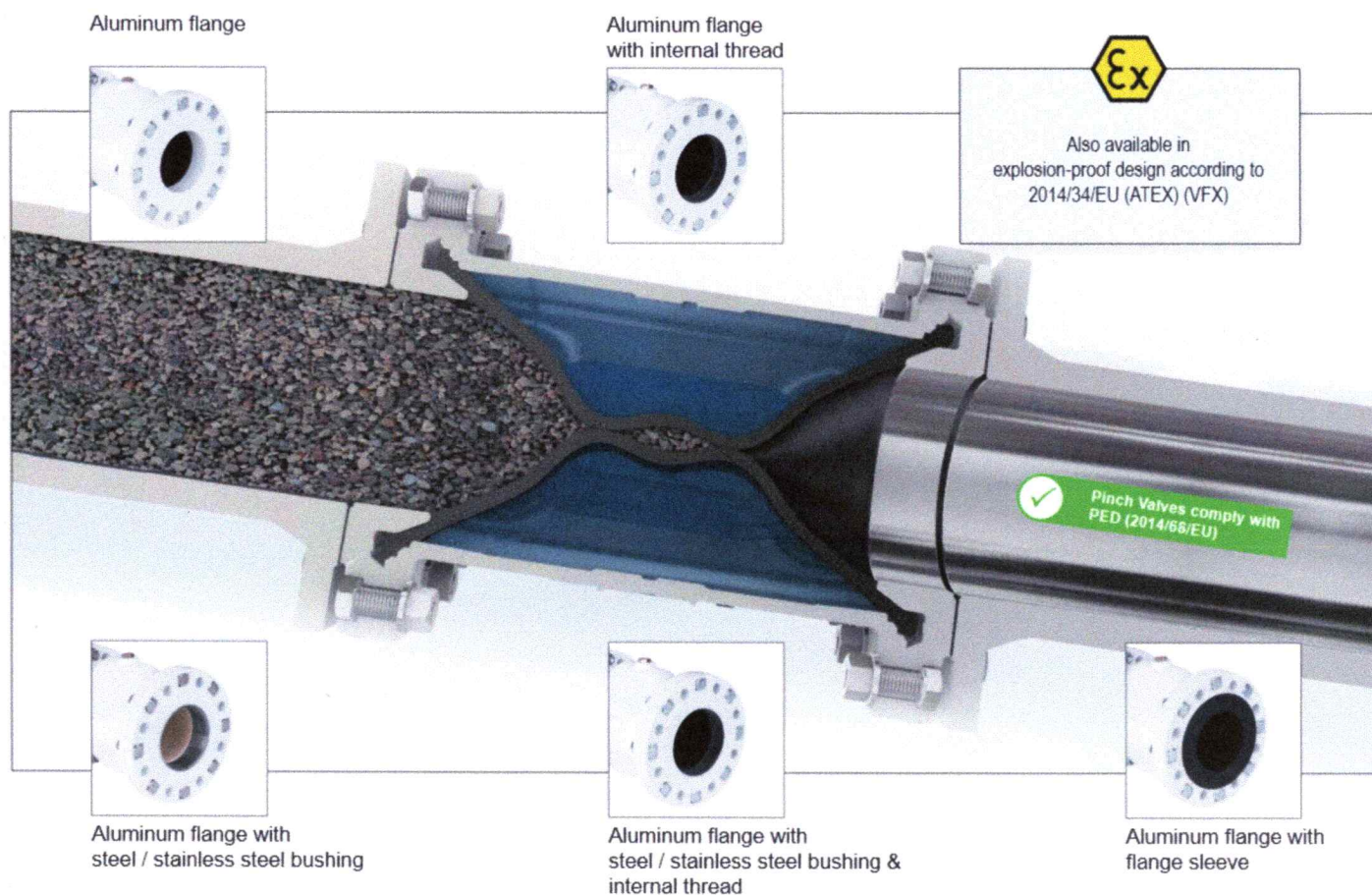




Air operated Pinch Valves - VF series



Pinch Valves as shut-off Valves

Due to its simple design, low cost, and no requirement for an actuator, AKO's air operated Pinch Valve is an economical shut off Valve solution with an excellent total cost of ownership. In fact, only a 3/2-way Solenoid or Pilot Valve is required.

► Materials

Body: Aluminum
Flange: Aluminum

► Valve finish

Powder coated 60 - 80 µm white (RAL 9010)

► Pressures

Operating / medium pressure, max: 3,0 - 6,0 bar
Control / closing pressure, max: 5,0 - 8,0 bar
Differential pressure: 2,0 - 3,5 bar
varies depending on diameter / sleeve

► Sleeve qualities

- Natural rubber (NR) anti-abrasive
- NR food quality
- NR high temperature
- EPDM
- EPDM food black
- EPDM food pale
- NBR
- NBR food black
- NBR food pale
- FPM/FKM
- Silicone
- CR
- CSM
- IIR

Air operated Pinch Valves - VF series



Flange variations

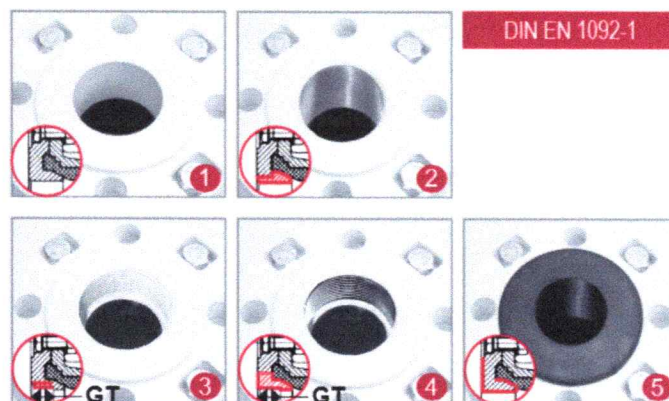
- 1 Aluminum flange
- 2 Aluminum flange with steel / stainless steel bushing
- 3 Aluminum flange with internal thread
- 4 Aluminum flange with steel / stainless steel bushing and internal thread ****
- 5 Aluminum flange with flange sleeve **

Connection type

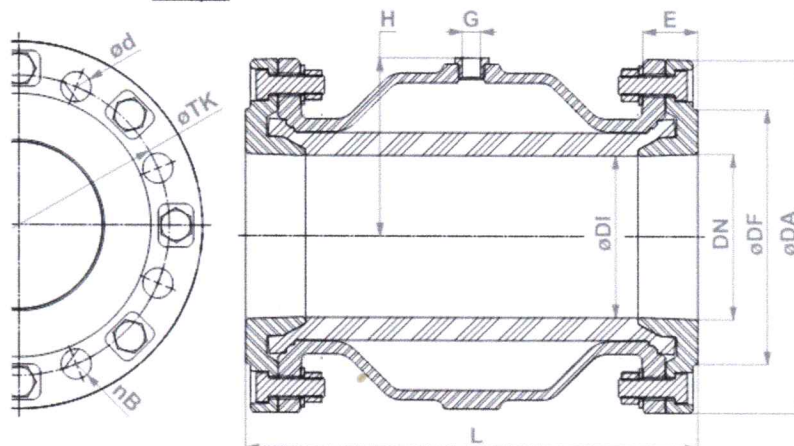
Flange connection acc. to DIN EN 1092-1

Accessories

Pinch Valve Accessories can be found on our data sheet 'Pneumatic Pinch Valves - Overview of accessories' (TI_pV_ZUB_EN).



Example:



DN (mm)	øDI (mm)	øDA (mm)	øDF (mm)	nB*** (pcs.)	ød (mm)	øTK (mm)	L (mm)	G (inch)	H (mm)	E (mm)	PN	Weight (kg) (with Alu flanges)	Volume (l)* (approx.)	Internal thread (inch)	GT depth (mm)
40	40	150	88	4	18	110	155	G 1/4"	56	28	10/16	2,9	0,20	G 1 1/2"	19
50	50	165	102	4	18	125	183	G 1/4"	65	30	10/16	3,8	0,30	G 2"	24
65	65	185	122	4	18	145	183	G 1/4"	81	28	10/16	4,3	0,45	G 2 1/2"	22
80	80	200	138	8	18	160	228	G 1/4"	95	31	10/16	5,6	0,95	G 3"	22
100	100	220	158	8	18	180	280	G 1/4"	112	35	10/16	8,5	1,70	G 4"	20
125	118	250	184	8	18	210	348	G 1/4"	136	40	10/16	12,1	3,50	-	-
150	145	285	212	8	22	240	418	G 1/4"	160	43	10/16	17,0	7,00	-	-
200	190	340	268	8	22	295	558	G 3/4"	206	60	10	33,2	15,50	-	-
250	245	395	320	12	22	350	680	G 1/2"	266	67	10	56,0	30,00	-	-
300	300	445	370	12	22	400	820	G 1/2"	306	70	10	86,0	49,00	-	-

ANSI on request

* Required amount of volume required to close sleeve.

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

*** Number of holes

**** Note: Internal thread suitable for conical external thread (R) (connection thread)

Technical details are subject to change without notice.