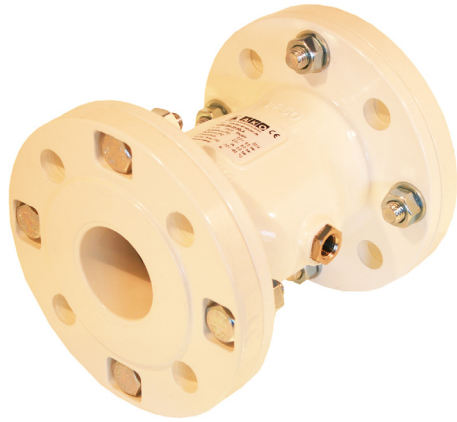


PNEUMATIC PINCH VALVE

TYPE 3800

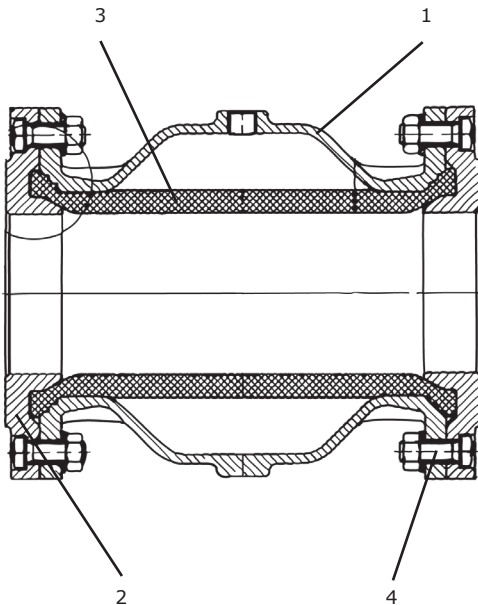


GENERAL

DIMENSION:	DN 40 - DN 300
PRESSURE:	PN 10
MAX. MEDIA PRESSURE:	2 - 6 BAR (DEPENDING ON SIZE)
CONNECTION:	FLANGES
SURFACE:	POWDER COATED MIN. 80µ
MATERIAL:	ALUMINUM

OPTIONS

MATERIAL:	STAINLESS STEEL OR PLASTIC
CONNECTION:	THREAD
FLANGE MATERIAL:	STAINLESS STEEL OR ALUMINUM WITH BUSHING IN STEEL OR STAINLESS STEEL
	FLANGE SLEEVE
SLEEVE:	VARIOUS MATERIALS (SEE PAGE 2)
SERVICE:	MOUNTING PASTE DN 40 - DN 250
	MOUNTING TOOLS DN 100 - DN 250
APPROVALS:	FDA, EU1935, ATEX, EHEDG



POS	DESCRIPTION	MATERIAL
1	BODY	ALUMINUM
2	FLANGE END	ALUMINUM
3	SLEEVE	NATURAL RUBBER
4	BOLT*	ZINK COATED STEEL 8.8

* OPTION: STAINLESS STEEL

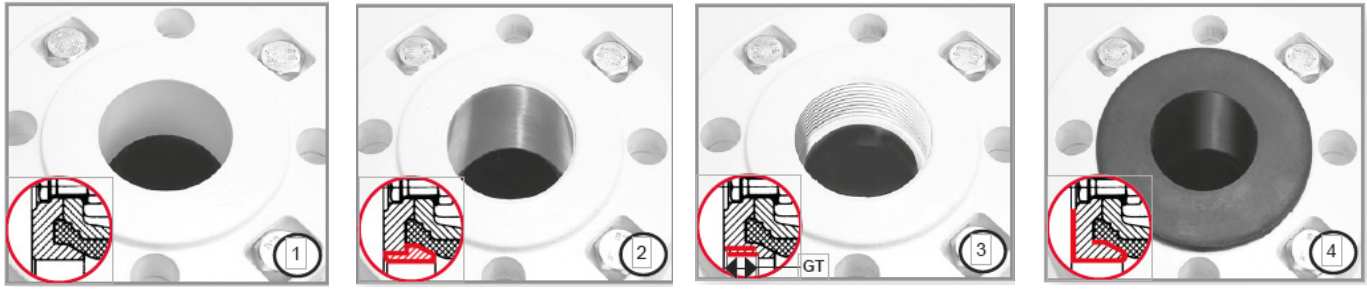


QUICK EXHAUST

DESCRIPTION

- **Flexible sleeves** makes this type of valve very suitable for media containing large particles, and media that is abrasive or viscous.
- **Full bore** ensures minimal pressure loss.
- **Can be modified for vacuum.**
- **Easy to maintain**, by replacing the sleeve.
- **Simple construction** ensures high operational reliability and a long service life.
- **Compact design** enables installation where space is limited.
- **Oval body** allows for lower air consumption than for round bodies.
- **If the solenoid valve is not mounted directly on the valve**, it is recommended to use quick exhaust.

CONNECTION



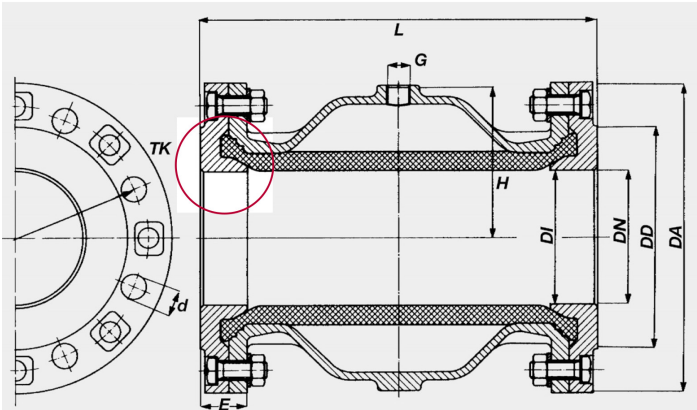
1) Standard aluminum

2) Stainless steel/steel bushing

3) Internal thread

4) Flange sleeve

DIMENSIONS



DN [MM]	DI [MM]	DA [MM]	DD [MM]	D [MM]	SCREWS [AMOUNT]	TK [MM]	L [MM]	G [INCH]	H [MM]	E [MM]	WEIGHT ¹ [KG]	VOLUME ² [LITERS]	MAX. WORK. PRESSURE [BAR]	INTERNAL THREAD	GT DEPTH [MM]
40	40	150	88	18	4	110	155	G 1/4"	56	28	2.9	0.20	6	G 1 1/2"	19
50	50	165	102	18	4	125	183	G 1/4"	65	30	3.7	0.30	6	G 2"	24
65	65	185	122	18	4	145	183	G 1/4"	81	28	4.3	0.45	6	G 2 1/2"	22
80	80	200	138	18	8	160	228	G 1/4"	95	31	5.6	0.95	6	G 3"	22
100	100	220	158	18	8	180	280	G 1/4"	112	35	8.4	1.70	6	G 4"	20
125	118	250	184	18	8	210	348	G 1/4"	136	40	12.0	3.50	6	-	-
150	145	285	212	22	8	240	418	G 1/4"	160	43	17.0	7.00	6	-	-
200	190	340	268	22	8	295	558	G 3/8"	206	60	35.0	15.50	4	-	-
250	250	395	320	22	12	350	680	G 1/2"	266	67	56.0	30.00	3	-	-
300	300	445	370	22	12	400	820	G 1/2"	306	70	86.0	49.00	3	-	-

¹ Aluminum flanges.

² approx. air consumption per activation in liters.

SLEEVE MATERIALS			
MATERIALS	DRY TEMPERATURE [°C]		DIFFERENTIAL PRESSURE
	MAX.	MIN.	[BAR]
NEOPRENE	80	- 10	2.0
NATURAL RUBBER FOOD QUALITY	80	- 10	2.0
NATURAL RUBBER ANTI-ABRASIVE	80	- 10	2.0
NATURAL RUBBER HIGH TEMPERATURE	90	- 10	3.0
EPDM	120	- 10	2.5
EPDM FOOD - BLACK	120	- 10	2.5
EPDM FOOD - PALE	90 / 120*	- 10	2.5
FPM	120	- 10	4.0
SILICONE	130	- 10	3.0
NBR	80	- 10	2.0
NBR FOOD - BLACK	80	- 10	2.0
NBR FOOD - PALE	80	- 10	2.0
BUTYLE RUBBER	80	- 10	2.0
HYPALONE	80	- 10	2.0
SLEEVE MATERIALS FOR ATEX VALVES			
NBR FOOD - PALE	80	- 10	2.0
BUTYLE RUBBER	120	- 10	2.5
HYPALONE	80	- 10	2.0

Note: Air supply must be between 2.0 and 2.5 bar greater than media pressure, not exceeding 8 bar.

The a.m. temperatures are guidelines and may vary depending on medium (dry/wet) and application.

* DN40-50 = 120°C,
DN65-300 = 90°C