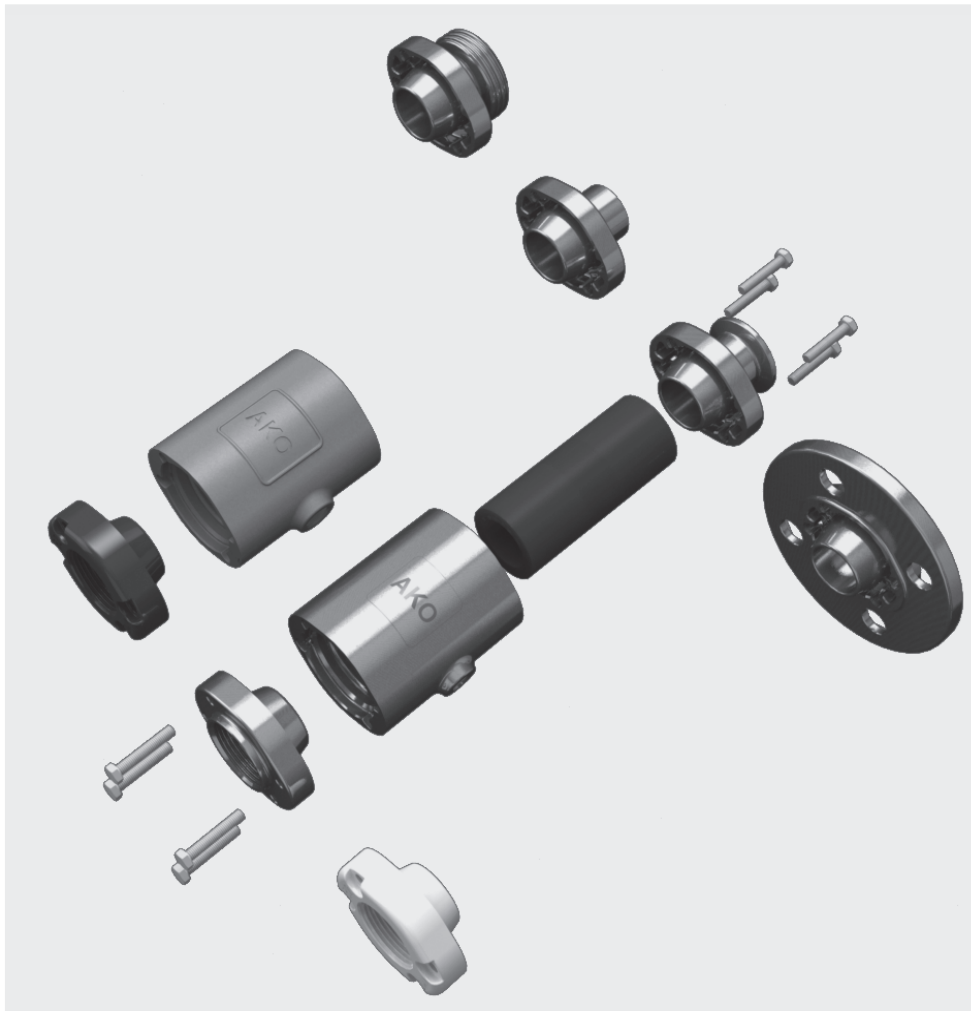


# NY!



## Pneumatisk slangeventil type VMC Air operated Pinch Valve type VMC



Flens / Flange



Innvendige gjenger / Internal Thread



Hurtigkoping / Tri-Clamp



Sveisemuffe / Weld-on ends



Utvendige gjenger / Threaded spigot

### ▲ Modulbasert ventil med avtakbare og aseptiske rørkøplinger!

Den smarte løsningen for å kontrollere strømning av alle typer tørre og våte medier. Lett eller tungt flytende, granulater og slitende partikler.

#### Ventilens fordeler:

- Fleksibelt og modulært system
- Mange tilkoblingsmuligheter
- Enkelt vedlikehold og slangeskift
- Uhindret ventilløp, helt fri passasje
- Helt tett når ventilen er lukket
- Ingen dødsoner
- Kompakte mål
- Lav vekt
- Prisgunstig

### ▲ The flexible modular system for solvable and aseptic piping connections!

The ideal solution for isolation and regulation of solids of all kinds, suspensions, pastes, gaseous, fibrous and viscous media.

#### Advantages:

- Flexible modular system
- Various connection options
- Extremely compact
- Light weight
- Complete free passage
- No dead spots
- Easy maintenance and re-sleeving
- 100% tight shut off
- Competitive

# Pneumatisk slangeventil type VMC

## Air operated Pinch Valve type VMC

### Industri områder:

- Næringsmiddel/ Drikkevarer/ Farmasøytisk industri
- Kjemisk industri
- Pneumatiske transportsystemer
- Pigmenter og granulater
- Keramisk/ glass/ plastindustri
- Avsugsanlegg
- Doseringssystemer
- Fylle og veie systemer
- Ventilasjon

### Flere typer aseptiske koplinger kan leveres!

#### Koplinger:

Flens  
 Innvendige gjenger G eller NPT  
 Tri-Clamp  
 Sveisemuffe  
 Utvendige gjenger, melkerør (RTJ kopling)

Konduktive (elektrisk ledende) koplinger med separat jording som kan anvendes i eksplosjons-farlige områder. Sone 1, 2, 21 og 22.

### De pneumatiske ventilene i VMC serien oppfyller alle kravene i trykkdirektivet 97/23/EC.

#### Materialer:

**Ventilkropp:** Rustfritt stål 1.4408  
 Aluminium AISi10Mg  
 Plast POM

**Endestykke:** Rustfritt stål 1.4404  
 Plast POM

#### Ventilslanger:

Naturgummi slitesterk, Naturgummi næringsmiddel, EPDM, EPDM næringsmiddel, Nitril, Nitril næringsmiddel, Hypalon, Neopren, Silikon, Viton, andre på forespørsel

**Største prosessstrykk:** ~ 6 bar  
**Instrument trykk:** 8 bar  
**Differanserykk:** 2-3,5 bar  
 trykk varierer etter diameter /slange

### Industrial areas:

- Food/ pharmaceutical/ beverage industry
- Chemical industry
- Pneumatic conveying systems
- Pigments and granules
- Ceramics/ glass/ plastic industry
- Extraction systems
- Dosing systems
- Filling and weighing systems
- Air venting systems

### Connections with various aseptic connections available!

#### Connection options:

Flange Connection  
 Internal Thread Connection G / NPT  
 Tri-Clamp  
 Weld-on ends  
 Threaded spigot (RJT Connection)

Special, conductive models with a separate earthing system, which are suitable for use in areas at risk of explosions (EX) in zones 1, 2, 21 and 22 are also available.

### The air operated Pinch Valves of VMC series fulfill all requirements of the Pressure Equipment Directive 97/23/EC.

#### Materials:

**Body:** Stainless steel 1.4408  
 Aluminium AISi10Mg  
 Plastic POM

**Socket Connection:** Stainless steel 1.4404  
 Plastic POM

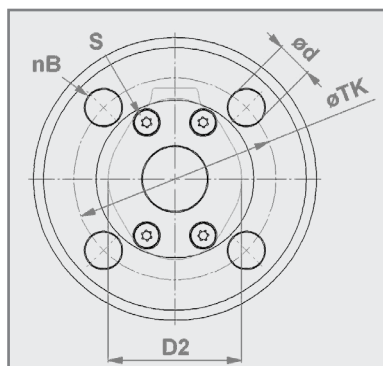
#### Sleeves:

Natural rubber antiabrasive, Natural rubber food quality, EPDM, EPDM food quality, Nitrile, Nitrile food quality, Hypalon, Neoprene, Silicone, Viton, other materials on request.

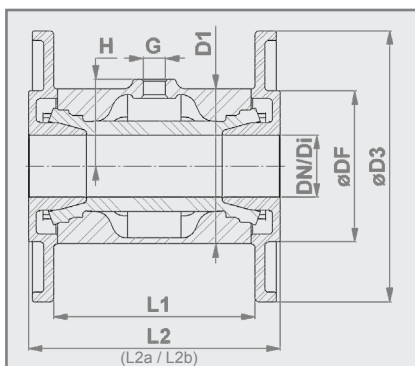
**Operating / medium pressure max.:** ~ 6 bar  
**Control / closing pressure max.:** 8 bar  
**Differential pressure:** 2-3.5 bar  
 varies depending on diameter / sleeve

# Pneumatisk slangeventil med flens

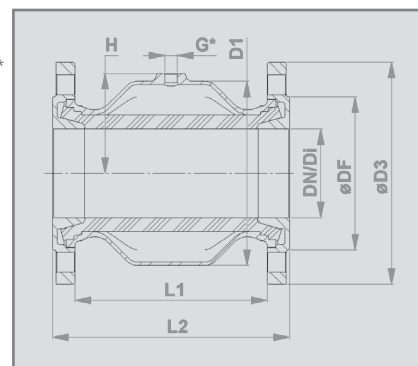
## Air operated Pinch Valve - Flange connection



DN25 - DN80



DN25 - DN50 \* DIN EN ISO 228 "G"



DN65 - DN80 \* DIN EN ISO 228 "G"

### Flens type:

Flens i henhold til  
DIN EN 1092-1 PN 10/16  
DIN 11853-2 (L2a) / på forespørsel 11864-form A (L2b)

### Connection type:

Flange connection according to  
DIN EN 1092-1 PN 10/16  
DIN 11853-2 (L2a) / 11864-2 form A (L2b) on request

### Ventilkropp:

- Rustfritt stål 1.4408 (E)
- Aluminium AISi10Mg (A)

### Body:

- Stainless steel 1.4408 (E)
- Aluminium AISi10Mg (A)

### Flens:

- Rustfritt stål 1.4404 (E)

### Flange:

- Stainless steel 1.4404 (E)

### Ventil overflate:

Rustfritt stål: Elektropolert matt  
Våte deler = Ra 0,5  
Satin polert (børstet) Ra 0,3

Aluminium: Pulver lakkert 60-80µm RAL 9006

### Valve finish:

Stainless steel: Elektropolert matt  
Wetted parts = Ra 0.5  
Satin polished (brushed) Ra 0.3 on request.

Aluminium: Powder coated 60-80µm RAL 9006

DN / Di (mm)	D1 (mm)	D2 (mm)	ø D3 (mm)	ø DF (mm)	nB	ø d (mm)	ø TK (mm)	L1 (mm)	L2 (mm)	L2a (mm)	L2b (mm)	G (inch)	H (mm)	<sup>1</sup> S	<sup>2</sup> Vol. (l) <sup>2</sup> vol. (l) (ca./approx.)	Vekt weight (kg) (EE)	Vekt weight (kg) (AE)
25	72	57	115	68	4	14	85	96	125	213	218	1/8"	36,5	4x(M6x35)	0,09	2,4	1,9
32	80	66	140	78	4	18	100	104	130	226	241	1/4"	45	8x(M6x35)	0,13	2,9	2,3
40	90	77	150	88	4	18	110	119	155	238	253	1/4"	50	8x(M6x35)	0,22	4,0	3,1
50	110	88	165	106	4	18	125	149	185	264	279	1/4"	60	8x(M6x35)	0,36	5,8	4,4
65	139	102	185	122	4	18	145	133	170	267	327	1/4"	73,5	8x(M10x20)	0,44	5,5	4,5
80	172	126	200	138	4	18	160	173	213	309	373	1/4"	90	8x(M10x20)	0,88	7,5	5,3

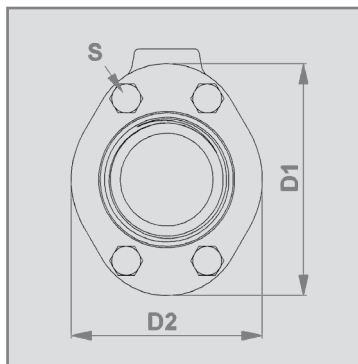
\* Antall hull / Number of holes

<sup>1</sup> Festeskruer (Rustfritt 1.4401/AISI316) iht DIN 7985 / mounting screws (stainless steel 1.4401 / AISI 316) according to DIN 7985

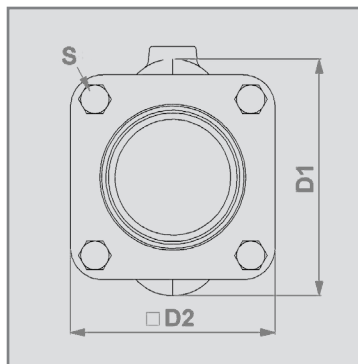
<sup>2</sup> Volum = Instrumentluftvolum ved lukket ventilslange / Volume = Control volume with closed sleeve

# Pneumatisk slangeventil med innvendige gjenger

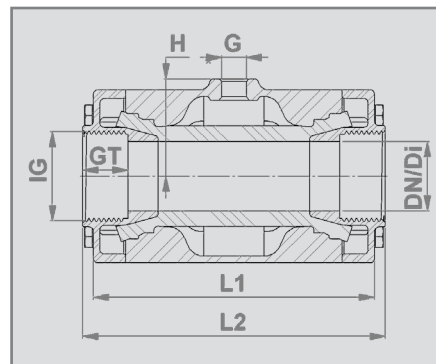
## Air operated Pinch Valve - Internal Thread connection



DN10 - DN50



DN65 - DN80



\* DIN EN ISO 228 "G"

### Kopling/type:

Innvendige gjenger iht  
DIN EN ISO 228 "G" eller  
ANSI/ASME B1.20.1 "NPT"

### Connection type:

Internal Thread Connection according to  
DIN EN ISO 228 "G" or  
ANSI/ASME B1.20.1 "NPT"

### Ventilkropp:

- DN 10-80: Rustfritt stål 1.4408 (E)
- DN 20-80: Aluminium AlSi10Mg (A)
- DN 10-15: Plast POM (P) natur hvit
- DN 10-15: Plast POM (P) konduktiv

### Body:

- DN 10-80: Stainless steel 1.4408 (E)
- DN 20-80: Aluminium AlSi10Mg (A)
- DN 10-15: Plastic POM (P) natural white
- DN 10-15: Plastic POM (P) conductive

### Gjenget sokkel innvendige gjenger:

- DN 10-80: Rustfritt stål 1.4404 (E)
- DN 20-50: Plast POM (P) natur hvit
- DN 20-50: Plast POM (P) konduktiv, for eksplosjonsfarlige områder

### (Internal Thread) Socket ends:

- DN 10-80: Stainless steel 1.4404 (E)
- DN 20-50: Plastic POM (P) natural white
- DN 20-50: Plastic POM (P) conductive for hazardous areas

### Ventil overflate:

Rustfritt stål: Elektropolert matt

### Valve finish:

Stainless steel: Electropolished matt

Aluminium: Pulver lakkert 60-80µm RAL 9006

Aluminium: Powder coated 60-80µm RAL 9006

DN / Di (mm)	D1 (mm)	D2 (mm)	IG (inch)	GT (mm)	L1 (mm)	L2 (mm)	G (inch)	H (mm)	<sup>1</sup> S	<sup>2</sup> Vol. (l) (ca./approx)	Vekt weight (kg) (EE)	Vekt weight (kg) (AE)	Vekt weight (kg) (AP)	Vekt weight (kg) (PE)
10	46	35	G $\frac{3}{8}$ "	12	68	80	1/8"	23	4x(M6x16)	0,03	0,5	-	-	0,3
15	56	47	G $\frac{1}{2}$ "	15	85	95	1/8"	28	4x(M6x20)	0,05	0,8	-	-	0,4
20	62	49	G $\frac{3}{4}$ "	17	93	103	1/8"	31,5	4x(M6x25)	0,07	0,9	0,6	0,4	-
25	72	57	G1"	20	110	120	1/8"	36,5	4x(M6x30)	0,09	1,4	0,8	0,5	-
32	80	66	G1 $\frac{1}{4}$ "	21	130	140	1/4"	45	8x(M6x35)	0,13	1,8	1,2	0,9	-
40	90	77	G1 $\frac{1}{2}$ "	21	150	160	1/4"	50	8x(M6x35)	0,22	2,4	1,5	1,1	-
50	110	88	G2"	25	175	185	1/4"	60	8x(M6x35)	0,36	3,6	2,2	1,6	-
65	139	115	G2 $\frac{1}{2}$ "	30	173	200	1/4"	73,5	8x(M10x35)	0,44	3,7	3,0	-	-
80	172	133	G3"	33	213	230	1/4"	90	8x(M10x35)	0,88	5,5	4,4	-	-

<sup>1</sup> Festeskruer (Rustfritt 1.4401/AISI316) iht DIN 933 (EN24107) / mounting screws (stainless steel 1.4401 / AISI 316) according to DIN 933 (EN24107)

<sup>2</sup> Volum = Instrumentluftvolum ved lukket ventilslange / Volume = Control volume with closed sleeve

Alternativt kan vår K-variant benyttes → lengde = 150mm / Alternatively available is our K-variant → length = 150mm

Forbehold mot tekniske endringer.

Technical details subject to change without notice.

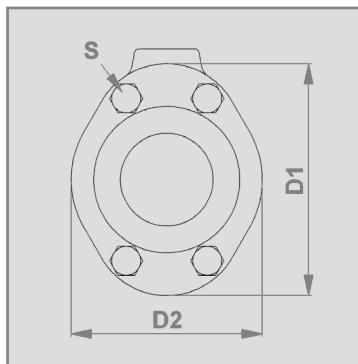
### Brevik Process AS

Strømtangvn. 21 • N-3950 Brevik • Phone: +47 35 51 87 00 • Fax: +47 35 51 88 00

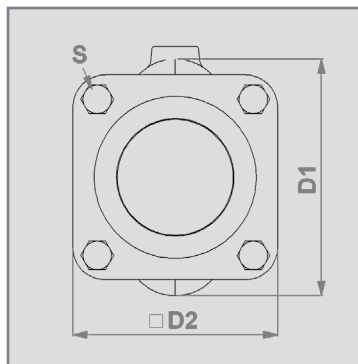
E-Mail: bp@brevik-process.no • Web: http://www.brevik-process.no

# Pneumatisk slangeventil med hurtigkopling

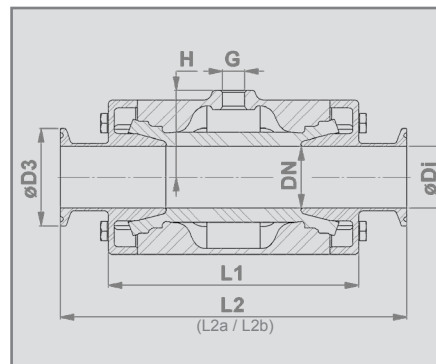
## Air operated Pinch Valve - Tri-Clamp connection



DN10 - DN50



DN65 - DN80



\* DIN EN ISO 228 "G"

### Kopling/type:

Hurtigkopling iht DIN 32676

DIN 11853-3 (L2a) / på forespørsel 11864-3 Form A (L2b)

### Connection type:

Tri-Clamp according to DIN 32676

DIN 11853-3 (L2a) / 11864-3 form A (L2b) on request

### Ventilkropp:

- DN 10-80: Rustfritt stål 1.4408 (E)
- DN 20-80: Aluminium AISi10Mg (A)
- DN 10-15: Plast POM (P) natur hvit
- DN 10-15: Plast POM (P) konduktiv

### Body:

- DN 10-80: Stainless steel 1.4408 (E)
- DN 20-80: Aluminium AISi10Mg (A)
- DN 10-15: Plastic POM (P) natural white
- DN 10-15: Plastic POM (P) conductive

### Hurtigkopling/Endestykke:

- DN 10-80: Rustfritt stål 1.4404 (E)

### Tri-Clamp Connection:

- DN 10-80: Stainless steel 1.4404 (E)

### Ventilbyggelengde:

DN 10: Iht DIN EN 558 rad 27

DN 15-50: Iht DIN EN 558 rad 1

DN 15-50: Iht DIN EN 558 rad 7

### Valve face to face length:

DN 10: Acc. to DIN EN 558 row 27

DN 15-50: Acc. to DIN EN 558 row 1

DN 65-80: Acc. to DIN EN 558 row 7

### Ventil overflate:

Rustfritt stål: Elektropolert matt

Våte deler = Ra 0,5

Satin polert (børstet) Ra 0,3

### Valve finish:

Stainless steel: Electropolished matt

Wetted parts = Ra 0.5

Satin polished (brushed) Ra 0.3 on request.

Aluminium: Pulver lakkert 60-80µm RAL 9006

Aluminium: Powder coated 60-80µm RAL 9006

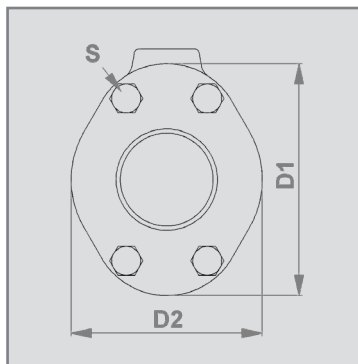
DN (mm)	ø Di (mm)	D1 (mm)	D2 (mm)	ø D3 (mm)	L1 (mm)	L2 (mm)	L2a (mm)	L2b (mm)	G (inch)	H (mm)	S	<sup>2</sup> Vol. (l) <sup>2</sup> vol. (l) (ca./approx.)	Vekt weight (kg) (EE)	Vekt weight (kg) (AE)	Vekt weight (kg) (PE)
10	10	46	35	34	80	115	162	190	1/8"	23	4x(M6x16)	0,03	0,5	-	0,3
15	16	56	47	34	95	130	187	215	1/8"	28	4x(M6x20)	0,05	0,9	-	0,5
20	20	62	49	34	103	150	199	227	1/8"	31	4x(M6x25)	0,07	1,0	0,6	-
25	26	72	57	50,50	120	160	212	241	1/8"	36	4x(M6x30)	0,09	1,5	1,0	-
32	32	80	66	50,50	140	180	229	267	1/4"	45	8x(M6x35)	0,13	1,9	1,3	-
40	38	90	77	50,50	160	200	241	279	1/4"	50	8x(M6x35)	0,22	2,6	1,7	-
50	50	110	88	64	185	230	268	304	1/4"	60	8x(M6x35)	0,36	3,9	2,5	-
65	65	139	115	91	173	216	272	332	1/4"	73,5	8x(M10x35)	0,44	4,0	3,3	-
80	80	172	133	106	213	254	314	374	1/4"	90	8x(M10x35)	0,88	5,8	4,7	-

<sup>1</sup> Festeskruer (Rustfritt 1.4401/AISI316) iht DIN 933 (EN24107) / mounting screws (stainless steel 1.4401 / AISI 316) according to DIN 933 (EN24107)

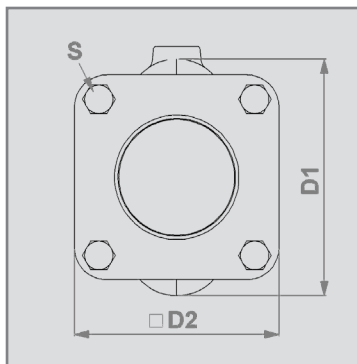
<sup>2</sup> Volum = Instrumentluftvolum ved lukket ventilslange / Volume = Control volume with closed sleeve

# Pneumatisk slangeventil med sveisemuffe

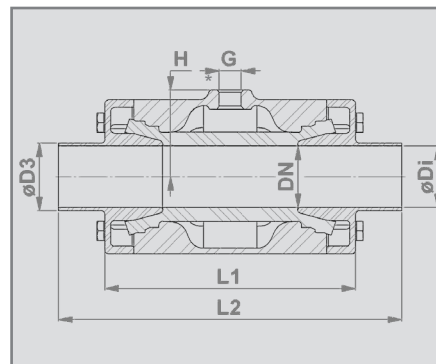
## Air operated Pinch Valve - Weld-on ends



DN10 - DN50



DN65 - DN100



\* DIN EN ISO 228 "G"

### Kopling/type:

Sveisemuffe iht DIN 11850 rad 2

### Connection type:

Weld-on ends according to DIN 11850 row 2

### Ventilkropp:

- DN 10-80: Rustfritt stål 1.4408 (E)
- DN 20-80: Aluminium AISi10Mg (A)
- DN 10-15: Plast POM (P) natur hvit
- DN 10-15: Plast POM (P) konduktiv

### Body:

- DN 10-80: Stainless steel 1.4408 (E)
- DN 20-80: Aluminium AISi10Mg (A)
- DN 10-15: Plastic POM (P) natural white
- DN 10-15: Plastic POM (P) conductive

### Sveisemuffe:

- DN 10-80: Rustfritt stål 1.4404 (E)

### Weld-on ends:

- DN 10-80: Stainless steel 1.4404 (E)

### Ventilbyggjelengde:

DN 10: Iht DIN EN 558 rad 27  
 DN 15-50: Iht DIN EN 12982 rad 61  
 DN 65-80: Iht DIN EN 558 rad 7

### Valve face to face length:

DN 10: Acc. to DIN EN 558 row 27  
 DN 15-50: Acc. to DIN EN 12982 row 61  
 DN 65-80: Acc. to DIN EN 558 row 7

### Ventil overflate:

Rustfritt stål: Elektropolert matt  
 Våte deler = Ra 0,5  
 Satin polert (børstet) Ra 0,3

### Valve finish:

Stainless steel: Electropolished matt  
 Wetted parts = Ra 0.5  
 Satin polished (brushed) Ra 0.3 on request.

Aluminium: Pulver lakkert 60-80µm RAL 9006

Aluminium: Powder coated 60-80µm RAL 9006

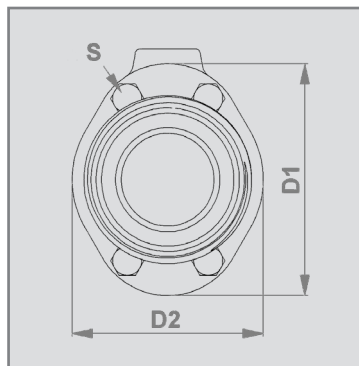
DN (mm)	ø Di (mm)	D1 (mm)	D2 (mm)	ø D3 (mm)	L1 (mm)	L2 (mm)	G (inch)	H (mm)	'S	<sup>2</sup> Vol. (l) (ca./approx.)	Vekt weight (kg) (EE)	Vekt weight (kg) (AE)	Vekt weight (kg) (PE)
10	10	46	35	13x1,5	68	115	1/8"	23	4x(M6x16)	0,03	0,5	-	0,3
15	16	56	47	19x1,5	85	140	1/8"	28	4x(M6x20)	0,05	0,8	-	0,5
20	20	62	49	23x1,5	93	152	1/8"	31	4x(M6x25)	0,07	1,0	0,6	-
25	26	72	57	29x1,5	110	165	1/8"	36	4x(M6x30)	0,09	1,4	0,9	-
32	32	80	66	35x1,5	130	178	1/4"	45	8x(M6x35)	0,13	1,9	1,3	-
40	38	90	77	41x1,5	150	190	1/4"	50	8x(M6x35)	0,22	2,5	1,6	-
50	50	110	88	53x1,5	175	216	1/4"	60	8x(M6x35)	0,36	3,8	2,5	-
65	65	139	115	70x2	173	216	1/4"	73,5	8x(M10x35)	0,44	3,8	3,1	-
80	80	172	133	85x2	213	256	1/4"	90	8x(M10x35)	0,88	5,6	4,5	-

<sup>1</sup> Festeskruer (Rustfritt 1.4401/AISI316) iht DIN 933 (EN24107) / mounting screws (stainless steel 1.4401 / AISI 316) according to DIN 933 (EN24107)

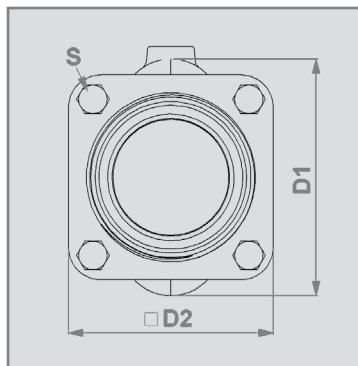
<sup>2</sup> Volum = Instrumentluftvolum ved lukket ventilslange / Volume = Control volume with closed sleeve

# Pneumatisk slangeventil med utvendige gjenger

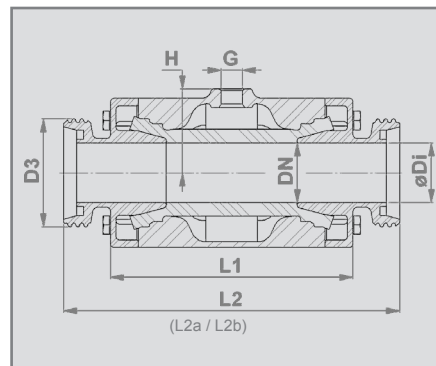
## Air operated Pinch Valve - Threaded spigot



DN10 - DN50



DN65 - DN100



\* DIN EN ISO 228 "G"

### Kopling/type:

Utvendige gjenger iht DIN 11851

DIN 11853-1 (L2a) / på forespørsel 11864-1 form A (L2b)

### Connection type:

Threaded spigot according to DIN 11851

DIN 11853-1 (L2a) / 11864-1 form A (L2b) on request

### Ventilkropp:

- DN 10-80: Rustfritt stål 1.4408 (E)
- DN 20-80: Aluminium AISi10Mg (A)
- DN 10-15: Plast POM (P) natur hvit
- DN 10-15: Plast POM (P) konduktiv

### Body:

- DN 10-80: Stainless steel 1.4408 (E)
- DN 20-80: Aluminium AISi10Mg (A)
- DN 10-15: Plastic POM (P) natural white
- DN 10-15: Plastic POM (P) conductive

### Gjenget kopling/Endestykke:

- DN 10-80: Rustfritt stål 1.4404 (E)

### Threaded spigot:

- DN 10-80: Stainless steel 1.4404 (E)

### Ventilbyggelengde:

DN 10: Iht DIN EN 558 rad 27

DN 15-50: Iht DIN EN 558 rad 1

### Valve face to face length:

DN 10: Acc. to DIN EN 558 row 27

DN 15-50: Acc. to DIN EN 558 row 1

### Ventil overflate:

Rustfritt stål: Elektropolert matt

Våte deler = Ra 0,5

Satin polert (børstet) Ra 0,3

### Valve finish:

Stainless steel: Electropolished matt

Wetted parts = Ra 0.5

Satin polished (brushed) Ra 0.3 on request.

Aluminium: Pulver lakkert 60-80µm RAL 9006

Aluminium: Powder coated 60-80µm RAL 9006

DN (mm)	ø Di (mm)	D1 (mm)	D2 (mm)	D3	G (inch)	H (mm)	L1 (mm)	L2 (mm)	L2a (mm)	L2b (mm)	S	<sup>2</sup> Vol. (l) (ca./approx.)	Vekt weight (kg) (EE)	Vekt weight (kg) (AE)	Vekt weight (kg) (PE)
10	10	46	35	Rd28x1/8"	1/8"	23	68	115	153	197	4x(M6x16)	0,03	0,5	-	0,3
15	16	56	47	Rd34x1/8"	1/8"	28	85	130	178	222	4x(M6x20)	0,05	0,9	-	0,5
20	20	62	49	Rd44x1/6"	1/8"	31	93	150	194	238	4x(M6x25)	0,07	1,1	0,8	-
25	26	72	57	Rd52x1/6"	1/8"	36	110	160	217	251	4x(M6x30)	0,09	1,6	1,1	-
32	32	80	66	Rd58x1/6"	1/4"	45	130	180	238	274	8x(M6x35)	0,13	2,1	1,5	-
40	38	90	77	Rd65x1/6"	1/4"	50	150	200	252	286	8x(M6x35)	0,22	2,8	1,9	-
50	50	110	88	Rd78x1/6"	1/4"	60	175	230	278	312	8x(M6x35)	0,36	4,2	2,9	-
65	65	139	115	Rd95x1/6"	1/4"	73,5	173	266	336	336	8x(M10x35)	0,44	4,5	3,8	-
80	80	172	133	Rd110x1/6"	1/4"	90	213	304	382	382	8x(M10x35)	0,88	6,7	5,6	-

<sup>1</sup> Festeskruer (Rustfritt 1.4401/AISI316) iht DIN 933 (EN24107) / mounting screws (stainless steel 1.4401 / AISI 316) according to DIN 933 (EN24107)

<sup>2</sup> Volum = Instrumentluftvolum ved lukket ventilslange / Volume = Control volume with closed sleeve