

Foot valve S4



Symbol photo



General:

- Material: PVC-U / PP
- Strainer: PP
- Sealing material: EPDM / FPM
- Dimensions: DN10 – DN80
d16 – d110
3/8" – 4"

Connector types

PVC

- Solvent socket DIN / ASTM / JIS
- Solvent spigot DIN
- Threaded socket BSP
- PE fusion spigot DIN

PP

- Fusions socket DIN
- Fusion spigot DIN
- Threaded socket BSP

Further connector types on request

Operating pressure:

DN10 d16 d3/8" – DN50 d63 2"	PN16/10
DN65 d75 d2 1/2"	PN16/8
DN80 d90 d3"	PN10/6
DN80 d110 d4"	PN6

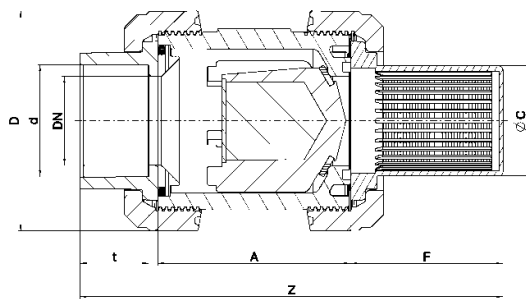
Technical features:

- Maintenance free operation over a long working life
- Service friendliness
- Radial installation or removal
- Quick and exact closing and opening
- Opening pressure 0,025 bar

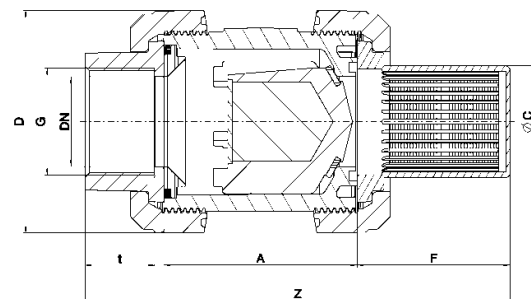
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Subject to technical modifications!

Foot valve S4

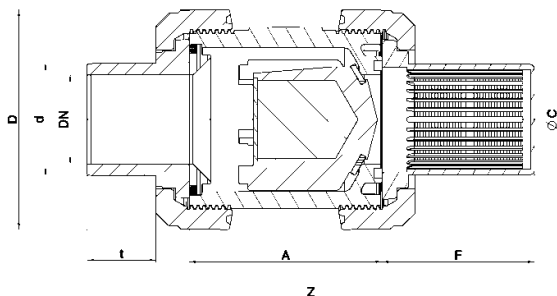
Dimensions:



foot valve with solvent socket



foot valve with threaded socket



foot valve with solvent spigot

PVC

Connector types

PVC solvent socket / threaded socket / solvent spigot

DN	10	15	20	25	32	40	50	65	80	80
d	16	20	25	32	40	50	63	75	90	110
G ¹ TSO	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	-
A	62	62	70	74	84	95	109	137	163	163
C	5,8	5,8	6	6,1	7	7,5	8,5	10,5	13,6	13,6
D	53	53	63	70	85	101	124,5	155	188	188
F	49	49	56	58	72	85	85	108	129	129
t ² SSO	16,5	16,5	19,5	22,5	26,5	31,5	38,5	45	55,5	64
t ³ SSP	17	17	20	22,5	26,5	31,5	38,5	45	52	64,5
Z ¹ TSO ² SSO	130	130	149	157	186	216	238	295	357	361
Z ³ SSP	137,5	142,5	164	172,5	201,5	230	251,5	319,5	360,5	381,5
PN	16	16	16	16	16	16	16	16	10	6

dimensions in mm

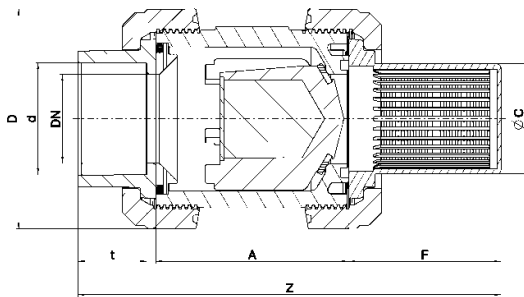
¹TSO = threaded socket

²SSO = solvent socket

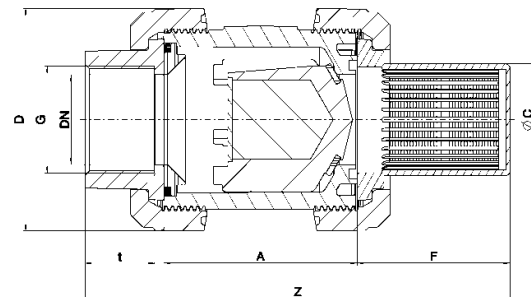
³SSP = Klebestutzen

- = nicht realisiert

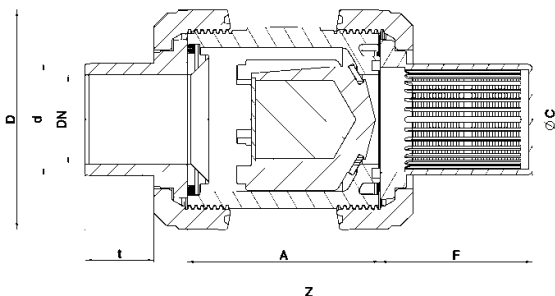
Foot valve S4



foot valve with fusion socket



foot valve with threaded socket



Foot valve with fusion spigot

PP

Connector types

PP fusion socket / fusion spigot / threaded socket

DN	10	15	20	25	32	40	50	65	80	80
d	16	20	25	32	40	50	63	75	90	110
G_{TSO}¹	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	-
A	62	62	69	73	83	94	108	133	160	160
C	5,8	5,8	6	6,1	7	7,5	8,5	10,5	13,6	13,6
D	53	53	64	71	84,5	100	120,5	155	187	187
F	49	49	56	58	72	85	85	108	129	129
t_{FSO}²	14,5	16	17,5	19,5	22	25,5	29	34,5	38,5	42
t_{FSP}³	13	14	15,5	18,5	20,5	23,5	28	31	36	38
Z_{TSO}¹ FSO²	130	130	147	156	194	214	236	290	353	357
Z_{FSP}³	137	142	162	170	209	228	249	313	356	365
PN	10	10	10	10	10	10	10	8	6	6

¹TSO= threaded socket
- = not realised

²FSO = fusion socket

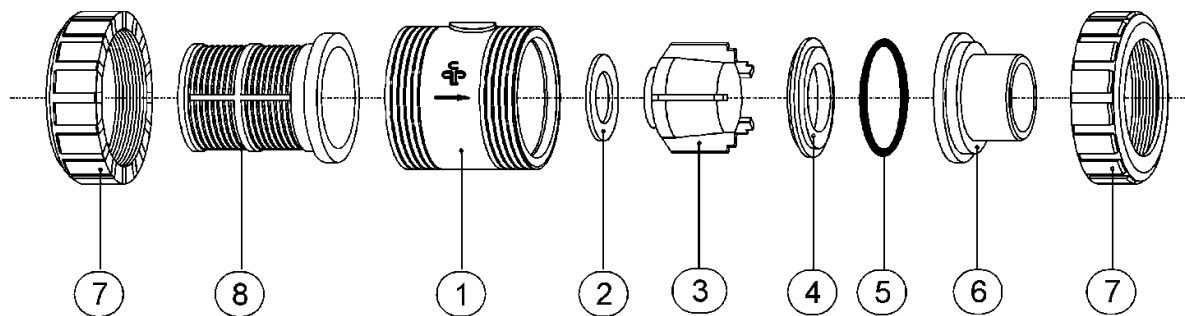
³FSP = Fusion spigot

Dimensions in mm

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Exploded drawing:

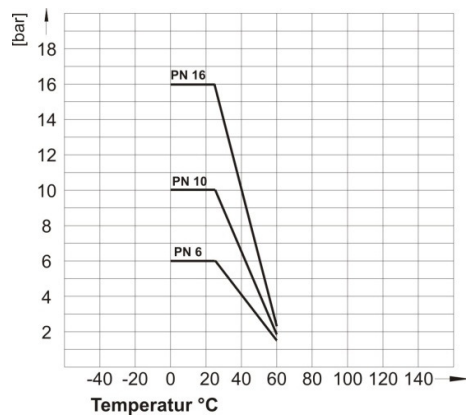
- 01. Body
- 02. Flat gasket
- 03. Cone
- 04. Thrust collar
- 05. O-Ring
- 06. Connector types
 - Solvent socket
 - Solvent spigot
 - threaded socket
 - fusion socket
 - fusion spigot
- 07. Union nut
- 08. Strainer



Diagrams

Pressure – Temperature – Diagram

PVC



PP

