

## Valvola di ritegno e fondo PR 360



Symbol photo

### General:

- Material: PVC-U / PP / PVDF
- Sealing material: EPDM / FPM
- Spring: WST 1.4401  
PTFE beschichtet
- Dimensions: DN10 – DN80  
d16 – d110  
3/8" – 4"

### Connector types:

#### PVC

- Solvent socket DIN / ASTM / JIS
- Solvent spigot DIN
- Threaded socket BSP
- PE fusion socket DIN
- PE fusion spigot DIN
- Fixed flange DIN / ANSI / JIS
- Backing flange DIN  
*(on request)*

#### PP

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

#### PVC

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

Further Connector types on request

### Operating pressure:

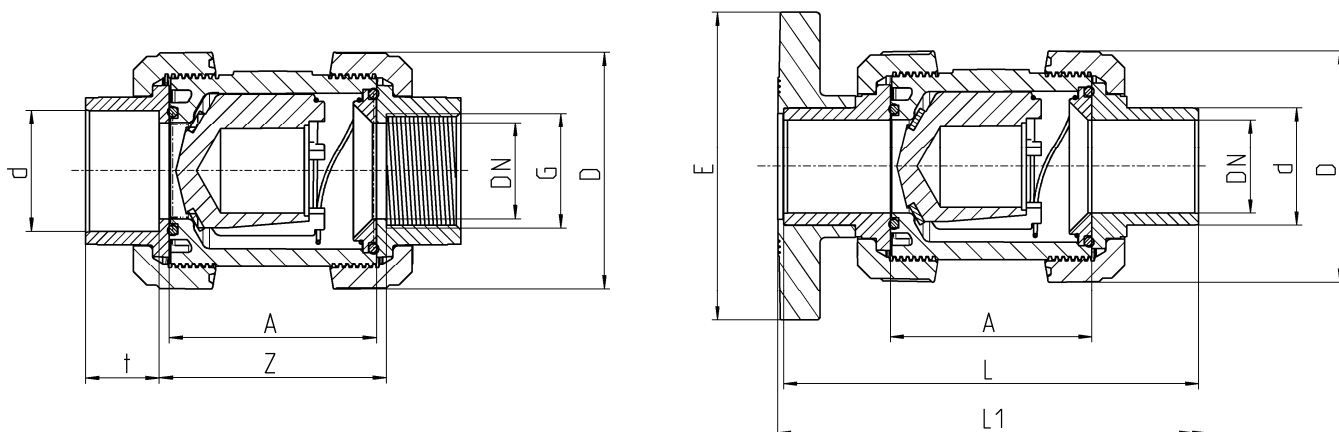
DN10 d16 3/8" – DN50 d63 d2"	PN16/10
DN65 d75 d2 1/2"	PN16/8
DN80 d90 3"	PN10/6
DN80 d110 4"	PN6

### Technical features:

- Corrosion resistant
- Maintenance free operation over a long working life
- Easy of servicing
- Radial installation or removal
- Quick and exact closing and opening
- Opening pressure 0,06 bar

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### Dimensions:



### PVC-U

#### Connector types

PVC solvent socket / solvent spigot / threaded socket

PVC fixed flange

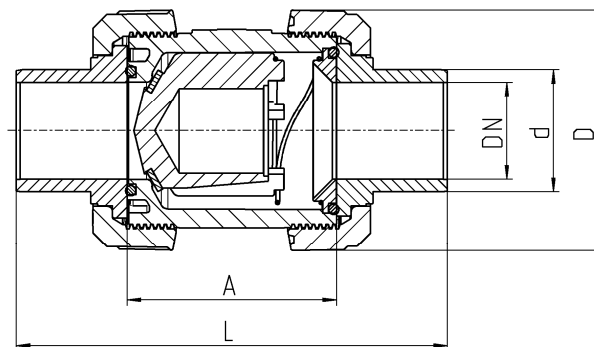
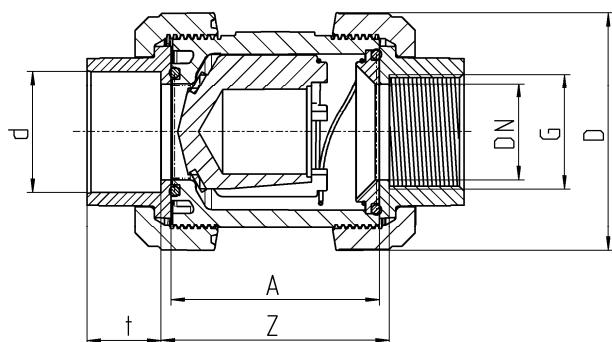
PE fusion socket / fusion spigot

DN	10	15	20	25	32	40	50	65	80	80
d	16	20	25	32	40	50	63	75	90	110
G <sup>1</sup> <sub>TSO</sub>	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
D	53	53	63	70	85	101	124,5	155	188	188
t <sup>2</sup> <sub>SSP</sub>	16,5	16,5	19,5	22,5	26,5	31,5	38,5	45	55,5	64
t <sup>4</sup> <sub>FSP</sub> PE	14,5	16	17	19,5	22	25	29	34,5	37,5	41,5
E <sup>6</sup> <sub>FF</sub>	-	97	105	125	140	150	165	185	200	229
L <sup>4</sup> <sub>SSP</sub>	115	125	145	154	174	194	223	287	300	341
L <sup>5</sup> <sub>FSP</sub> PE	112	123	143	151	142	180	197	253	293	323
L1 <sup>6</sup> <sub>FF</sub>	120	130	150	160	180	200	230	290	310	350
Z <sup>2</sup> <sub>SSO</sub>	68	67	76	80	81	103	120	148	180	173
Z <sup>1</sup> <sub>TSO</sub>	67	67	77	81	90	104	120	150	185	-
Z <sup>3</sup> <sub>FSP</sub> PE	71	68	80	79	98	115	137	165	210	210
PN	16	16	16	16	16	16	16	16	10	6

Dimensions in mm

- <sup>1</sup> TSO = threaded socket  
<sup>2</sup> SSO = solvent socket  
<sup>3</sup> SSP = solvent spigot  
<sup>4</sup> FSO = fusion socket  
<sup>5</sup> FSP = fusion spigot  
<sup>6</sup> FF = fixed flange  
 - = not realised

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### PP

#### Connector types

PP fusion socket / fusion spigot / threaded socket

PE fusion socket / fusion spigot

DN	10	15	20	25	32	40	50	65	80	80
d	16	20	25	32	40	50	63	75	90	110
G <sup>1</sup> TSO	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
D	53	53	64	71	84,5	100	120,5	155	187	187
t <sup>2</sup> FSO PP	14,5	16	17,5	19,5	22	25,5	29	34,5	38,5	42
t <sup>2</sup> FSO PE	14,5	16	17	19,5	22	25	29	34,5	37,5	41,5
L <sup>3</sup> FSP PP	114	124	143	152	171	191	220	277	295	312
L <sup>3</sup> FSP PE	112	123	142	150	141	179	196	249	290	320
Z <sup>1</sup> TSO	67	67	74	80	89	103	119	143	180	-
Z <sup>2</sup> FSO PP	71	68	78	84	97	113	136	162	211	211
Z <sup>2</sup> FSO PE	71	68	79	84	97	114	136	161	207	207
PN	10	10	10	10	10	10	10	8	6	6

Dimensions in mm

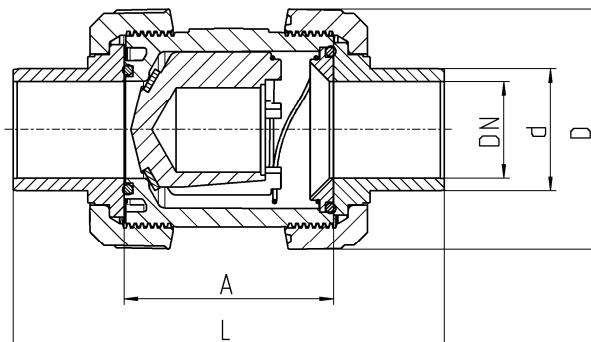
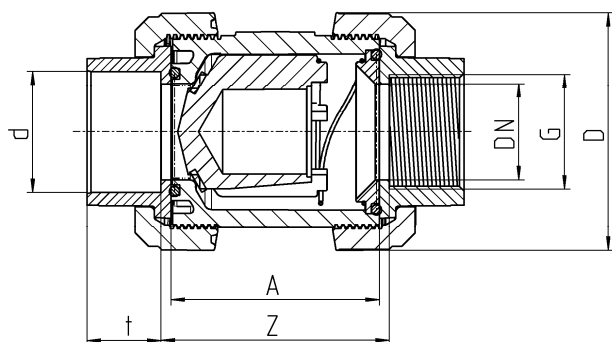
<sup>1</sup> TSO = threaded socket

<sup>2</sup> FSO = fusion socket

<sup>3</sup> FSP = fusion spigot

- = not realised

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### PVDF

#### Connector types

PVDF 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 <sup>1</sup> <sub>TSO</sub>	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
D	52,5	52,5	63	70	83	98,5	118	151	183	183
t <sup>2</sup> <sub>FSP</sub>	14,5	16	17,5	19,5	22	25,5	29	34,5	38,5	41,5
L <sup>3</sup> <sub>FSP</sub>	114	125	143	152	171	191	220	297	295	320
Z <sup>1</sup> <sub>TSO</sub>	67	67	74	80	89	103	119	143	180	-
Z <sup>2</sup> <sub>FSP</sub>	71	68	78	84	97	113	136	162	207	213
PN	16	16	16	16	16	16	16	16	10	6

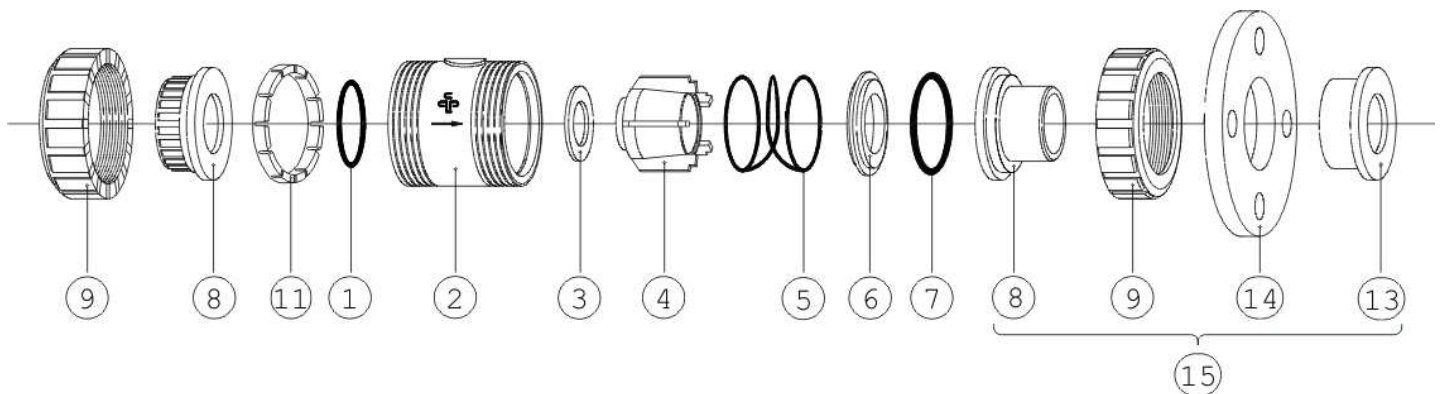
Dimensions in mm

- <sup>1</sup> TSO = threaded socket
- <sup>2</sup> FSO = fusion socket
- <sup>3</sup> FSP = fusion spigot
- = currently not realised

## Valvola di ritegno e fondo PR 360

### Exploded drawing:

01. O-Ring
02. Body
03. Flat gasket
04. Cone
05. Spring (PTFE (Teflon®) coated or WST 1.4401)
06. Thrust collar
07. O-Ring
08. Connector types  
Solvent socket / -spigot  
Fusion socket /-spigot  
Threaded socket
09. Union nut
11. Screen (only PP and PVDF)
13. Flange adapter / stub flange
14. Backing flange / fixed flange
15. Connection set



### Diagrams:

#### Pressure loss diagram

