

## Line strainer S4



Line strainer with plastic screen



Line strainer for stainless steel screen

### **General**

- Material: PVC-U / PP
- Filter cartridge: PP
- Sealing material: EPDM / FPM
- Mash size: 2 x 4 mm
- Screen insert: 0,5 / 0,75 / 1 mm
- 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

#### **PP**

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

Further connector types on request

### **Operating pressure:**

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

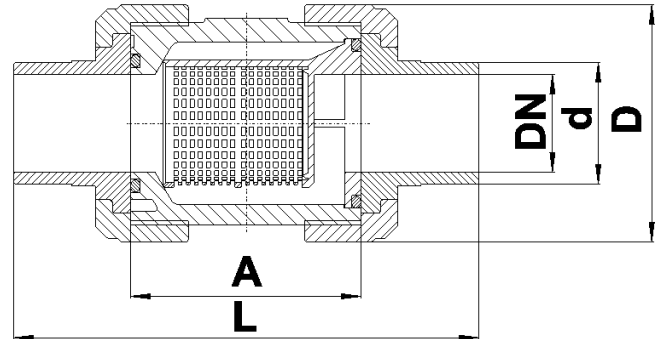
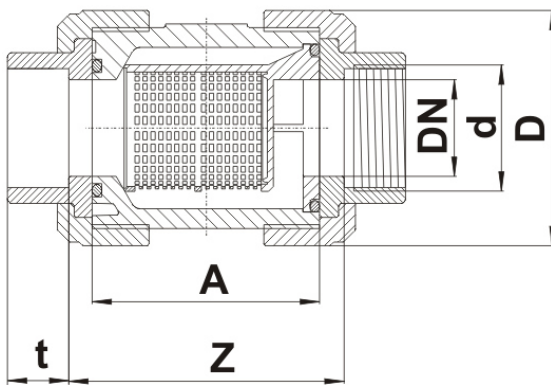
### **Technical features:**

- Service friendliness
- Radial installation or removal
- Ideal flow characteristics

This document does not constitute a guarantee, it is for initial information purpose only. The product range is continually upgraded, the designs and types therefore only reflect the state of the art at the time of printing. Subject to technical informations!

## Line strainer S4

### Dimensions:



### PVC

#### Connector types

PVC solvent socket / solvent spigot / threaded socket

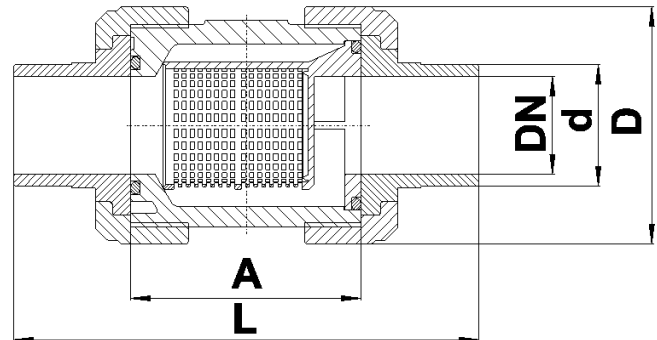
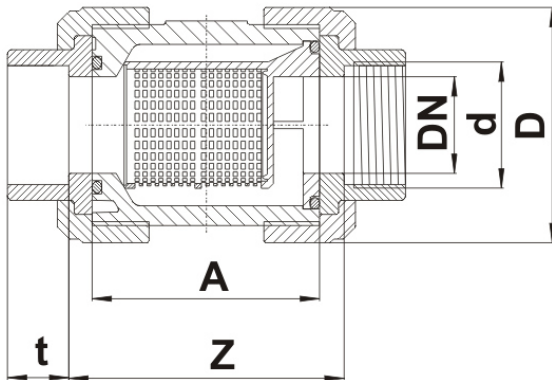
PE fusion spigot

| DN                           | 10   | 15   | 20   | 25   | 32     | 40     | 50    | 65     | 80   | 80  |
|------------------------------|------|------|------|------|--------|--------|-------|--------|------|-----|
| d                            | 16   | 20   | 25   | 32   | 40     | 50     | 63    | 75     | 90   | 110 |
| <b>G</b> TSO <sup>1</sup>    | 3/8" | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"    | 2 1/2" | 3"   | -   |
| <b>A</b>                     | 62   | 62   | 70   | 74   | 84     | 95     | 107   | 137    | 163  | 163 |
| <b>D</b>                     | 53   | 53   | 63   | 70   | 85     | 101    | 124,5 | 155    | 188  | 188 |
| <b>t</b> SSO <sup>2</sup>    | 16,5 | 16,5 | 19,5 | 22,5 | 26,5   | 31,5   | 38,5  | 45     | 55,5 | 64  |
| <b>t</b> FSP <sup>4</sup> PE | 13   | 14,5 | 15,5 | 18,5 | 15,5   | 29     | 31    | 32     | 30   | 38  |
| <b>L</b> SSP <sup>3</sup>    | 115  | 125  | 145  | 154  | 174    | 194    | 223   | 287    | 300  | 341 |
| <b>L</b> FSP <sup>4</sup> PE | 112  | 123  | 143  | 151  | 142    | 180    | 197   | 253    | 293  | 323 |
| <b>Z</b> SSO <sup>2</sup>    | 68   | 67   | 76   | 80   | 91     | 103    | 120   | 148    | 180  | 173 |
| <b>Z</b> TSO <sup>1</sup>    | 67   | 67   | 77   | 81   | 90     | 104    | 120   | 150    | 185  | -   |
| <b>PN</b>                    | 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> FSP = fusion spigot
- = not realised

## Line strainer S4



### 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 |
| <b>G</b> TSO <sup>1</sup> | 3/8" | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"    | 2 1/2" | 3"   | -   |
| <b>A</b>                  | 62   | 62   | 69   | 73   | 83     | 94     | 108   | 133    | 160  | 160 |
| <b>D</b>                  | 53   | 53   | 64   | 71   | 84,5   | 100    | 120,5 | 155    | 187  | 187 |
| <b>t</b> FSO <sup>2</sup> | 14,5 | 16   | 17,5 | 19,5 | 22     | 25,5   | 29    | 34,5   | 38,5 | 42  |
| <b>L</b> FSP <sup>3</sup> | 114  | 124  | 143  | 152  | 171    | 191    | 220   | 277    | 295  | 312 |
| <b>Z</b> TSO <sup>1</sup> | 67   | 67   | 74   | 80   | 89     | 103    | 119   | 143    | 180  | -   |
| <b>Z</b> FSO <sup>2</sup> | 71   | 68   | 78   | 84   | 97     | 113    | 136   | 162    | 211  | 211 |
| <b>PN</b>                 | 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

### Radial installation and removal of line strainer

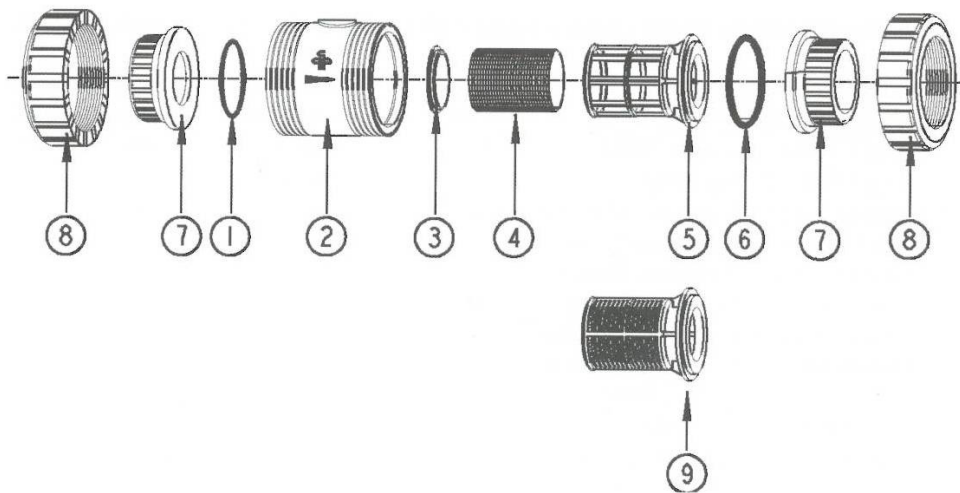
The face to face dimensions for Valves with Fix Flanges are according to DIN standards. Attention has to be given for sizes DN65 & DN80, where the length between the union nuts and fix flanges are insufficient to allow for removal of the valves by their body only. Disassembling of the valves can only be done by removing the Whole valves at the flanges. Hence, utmost importance and due consideration must be given to ensure sufficient space on the other side's flanges with respect to the length of bolts

# Line strainer S4

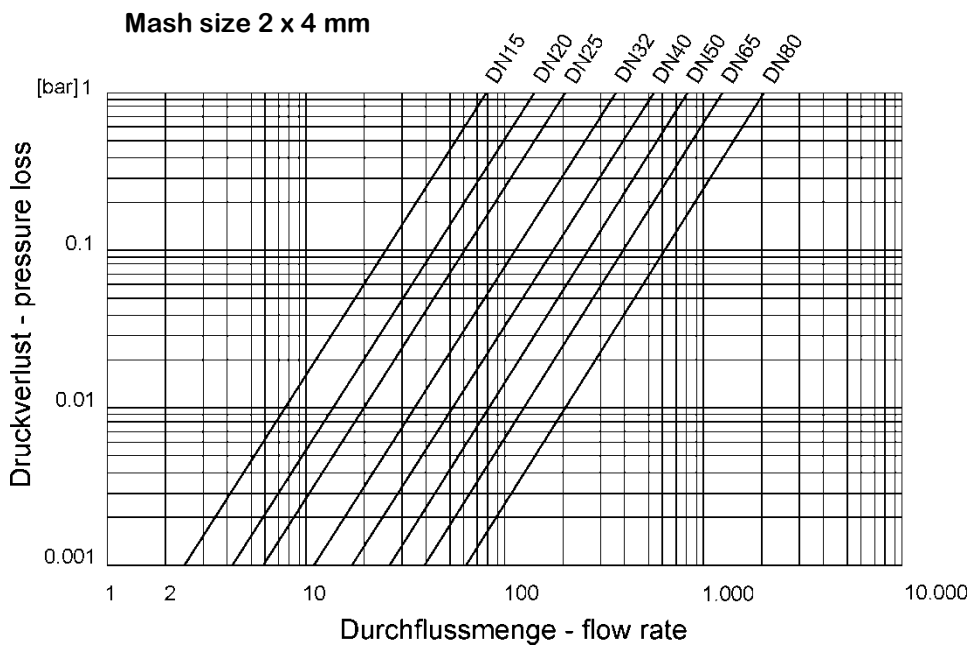


## Exploded drawing:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>01. O-Ring</li> <li>02. Body</li> <li>03. Filter ring</li> <li>04. Screen stainless steel<br/>Mash size 0,5 / 0,75 / 1 mm</li> <li>05. Filter basket</li> <li>06. O-Ring</li> </ul> | <ul style="list-style-type: none"> <li>07. Connector types<br/>Solvent socket<br/>Solvent spigot<br/>Threaded socket<br/>Fusion socket<br/>Fusion spigot</li> <li>08. Union nut</li> <li>09. Filter cartridge<br/>Mash size 2 x 4 mm</li> </ul> |
|--|---|



## Diagrams:

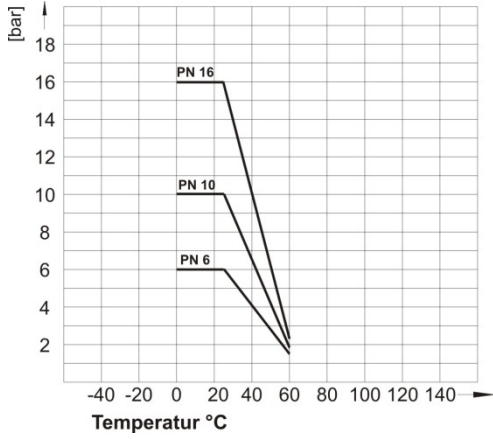


# Line strainer S4



## Pressure – Temperature – Diagram

### PVC



### PP

