

## Foot Valve

FIG. LV1120

### Specifications

- Designed for silent operation, positive seating and full flow area
- Suitable for pressure up to 16 bar water service
- Coated EPDM or NBR disc sealed ring
- Screens are perforated 304 stainless steel with spot welded seam
- Flanged and drilling complies with EN1092-2 PN16/25; ANSI B 16.1 Class125

### Working Pressure and Temperature

- 16 bar / 250 psi rated at -10°C to 120°C for EPDM disc
- 16 bar / 250 psi rated at -10°C to 82°C for NBR disc

### Corrosion Protection

- Fusion bonded coating or liquid epoxy painted interior and exterior

### Options

- 150 psi available

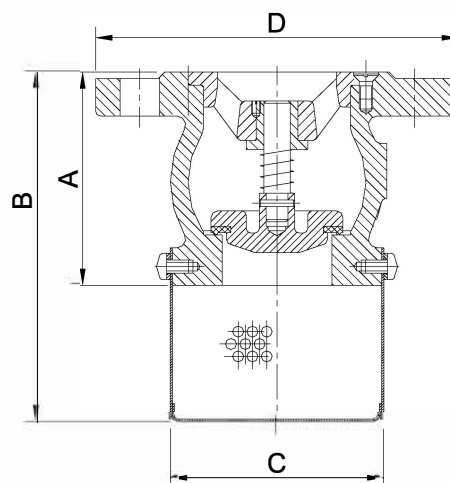
### Material Specifications

| Part             | Material        | EN Specification        | ASTM Specification |
|------------------|-----------------|-------------------------|--------------------|
| <b>Body</b>      | Grey Cast Iron  | EN 1561, EN-GJL-250     | A126 Class B       |
| <b>Disc</b>      | Grey Cast Iron  | EN 1561, EN-GJL-250     | A126 Class B       |
| <b>Seat</b>      | CI Intergral    | EN 1561, EN-GJL-250     | A126 Class B       |
| <b>Disc Ring</b> | Rubber          | EN 681, EPDM/NBR        | D2000 EPDM/NBR     |
| <b>Bushing</b>   | Brass           | EN 12164, CW614N        | B16 C36000         |
| <b>Stem</b>      | Stainless Steel | EN 10088-3, X20Cr13     | A276 Grade 420     |
| <b>Spring</b>    | Stainless Steel | EN 10088-3, X5CrNi18-10 | A276 Grade 304     |
| <b>Support</b>   | Grey Cast Iron  | EN 1561, EN-GJL-250     | A126 Class B       |
| <b>Screen</b>    | Stainless Steel | EN 10088-3, X5CrNi18-10 | A276 Grade 304     |

### Main Dimensions (mm)

| Size     | DN50 | DN65 | DN80 | DN100 | DN125 | DN150 | DN200 | DN250 | DN300 |
|----------|------|------|------|-------|-------|-------|-------|-------|-------|
| <b>A</b> | 100  | 120  | 140  | 170   | 200   | 230   | 288   | 354   | 410   |
| <b>B</b> | 160  | 205  | 240  | 300   | 355   | 410   | 490   | 575   | 655   |
| <b>C</b> | 94   | 120  | 142  | 177   | 206   | 237   | 290   | 330   | 360   |
| <b>D</b> | 165  | 185  | 200  | 220   | 250   | 285   | 340   | 405   | 460   |

### Schematic



#### Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.