

## Globe Check Valve

FIG. LV5106

### Specifications

- Complies with requirements of EN 16767
- The design is for liquid service and offers many obvious advantages when compared with conventional swing check valve
- Spring automatically closes disc at zero flow before flow reversal occurs. This prevents surge and water hammer
- Completely guided disc both top and bottom
- Perfect tightness soft sealed even at low differential pressure
- Flanged and drilling complies with EN1092-2 PN10/16; ANSI B 16.1 Class 125
- WRAS approved: DN50-DN300, CI body, EPDM seated for potable water

### Working Pressure and Temperature

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

### Corrosion Protection

- Fusion bonded coating interior and exterior

### Options

- PN25 /300 psi available
- Ductile Iron body

### Material Specifications

| Part      | Material        | EN Specification        | ASTM Specification |
|-----------|-----------------|-------------------------|--------------------|
| Body      | Cast Iron       | EN 1561, EN-GJL-250     | A126 Class B       |
| Seat      | CI Integral     | EN 1561, EN-GJL-250     | A126 Class B       |
| Disc      | Cast Iron       | EN 1561, EN-GJL-250     | A126 Class B       |
| Disc Ring | Rubber          | EN 681, EPDM/NBR        | D2000, EPDM/NBR    |
| Spring    | Stainless Steel | EN 10088-3, X5CrNi18-10 | A276 Grade 304     |
| Bushing   | Bronze          | EN 1982, CC491K         | B62 C83600         |
| Stem      | Stainless Steel | EN 10088-3, X20Cr13     | A276 Grade 420     |
|           | Brass           | EN 12164, CW614N        | B16 C36000         |
| Bracket   | Cast Iron       | EN 1561, EN-GJL-250     | A126 Class B       |

### Main Dimensions (mm)

| Size | DN50 | DN65 | DN80 | DN100 | DN125 | DN150 | DN200 | DN250 | DN300 |
|------|------|------|------|-------|-------|-------|-------|-------|-------|
| L    | 100  | 120  | 140  | 170   | 200   | 230   | 288   | 354   | 410   |
| A    | 97   | 125  | 150  | 187   | 220   | 260   | 340   | 420   | 490   |

#### Notes

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

### Schematic

