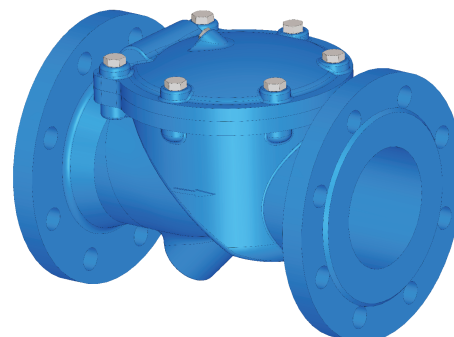


Flex Check Valve

FIG. 5107

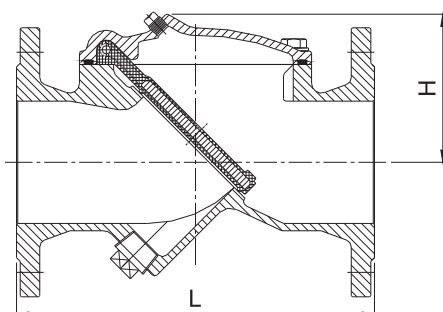
Specifications

- The disc is precision molded with an integral O-ring type sealing surface, and contain alloy with nylon reinforcement in the flexible hinge area.
- A threaded port with pipe plug on the bottom of valve to allow for field installation of a backflow actuator.
- Slamming and water hammer virtually non-existent due to its short closing travel.
- Full top-entry access for easy on-line inspection and maintenance.
- Flanged and Drilling comply with EN1092-2 PN10/PN16, ANSI/ASME B16.1 Class125, ANSI/ASME B16.42 Class150.
- Rated Working Pressure 16 bar, 250 psi.
- Fusion Bonded Coating Interior and Exterior.

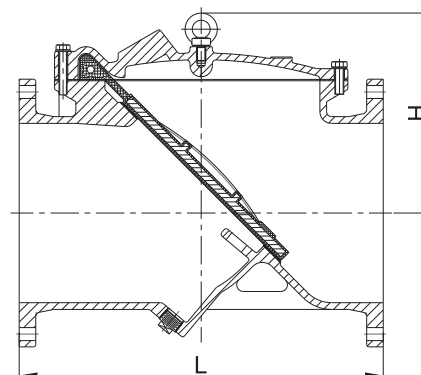


Main Dimensions (inch/mm)

DN50-DN300



DN350-DN600



| DN | 50 | 65 | 80 | 100 | 125 | 150 | 200 |
|----|---------|---------|---------|----------|----------|----------|----------|
| L | 8.0/204 | 8.5/216 | 9.5/241 | 11.5/292 | 13.7/349 | 15.0/382 | 19.5/495 |
| H | 3.7/94 | 3.7/95 | 4.2/107 | 4.8/122 | 5.5/139 | 6.3/160 | 8.3/210 |

| DN | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
|----|----------|----------|----------|----------|----------|-----------|-----------|
| L | 24.5/622 | 27.5/699 | 31.0/787 | 32.0/813 | 36.0/914 | 40.0/1016 | 47.6/1209 |
| H | 9.8/250 | 11.4/290 | 15.4/390 | 17.7/450 | 19.5/495 | 21.1/535 | 24.4/620 |

Material Specification

| Part | Material | EN Specification | ASTM Specification |
|-----------|-----------------------------|------------------------|---------------------|
| Body | Ductile Iron | EN 1563 EN-GJS-450-10 | A536 Grade 65-45-12 |
| Cover | Ductile Iron | EN 1563 EN-GJS-450-10 | A536 Grade 65-45-12 |
| Disc | EPDM/NBR Encapsulated Steel | | |
| Gasket | Rubber | EN 681 EPDM/NBR | D2000 EPDM/NBR |
| Plug | Malleable Iron | EN 1562 EN-GJMB-350-10 | A47 Grade 22010 |
| Fasteners | Carbon Steel | Grade 4.8 | A307 Grade B |

Option: Stainless Steel Fasteners

Notes

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