

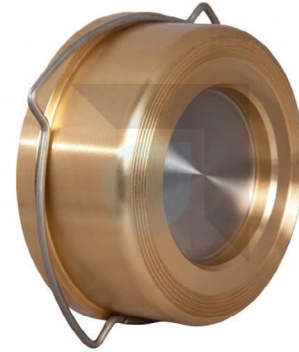


C20

Disc-O Check Valve

Product Description

DENZ C-20 Disc-O Check Valves allow fluids in the facility to flow downstream and stop the flow in case of reverse flow. It is positioned in a brass body on a sealing surface that is processed on the body via expander force. The result is a 100% tight seal. The most common fluids for which Disc-o Check Valves are used are liquid gas and steam. The product's compact design makes installation quick and easy, while offering a cost-effective solution.



Application Areas

- Steam
- Hot & cold water
- Power & heat engineering
- Pressurized Air
- Industrial technologies

Production References

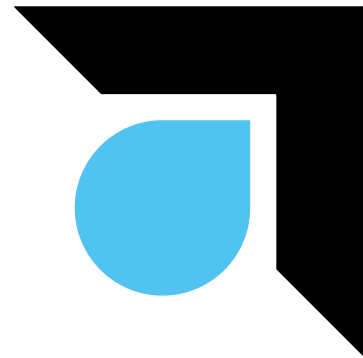
| | |
|----------------|-----------------------|
| Size Range | DN50 - DN200 |
| Pressure Range | PN10/16 |
| Temperature | 120°C |
| Face to face | EN 558 Series 49 |
| Connection | Wafer Type - EN1092-2 |
| Testing | EN 12266-1 |
| Marking | EN 19 |





Product Features

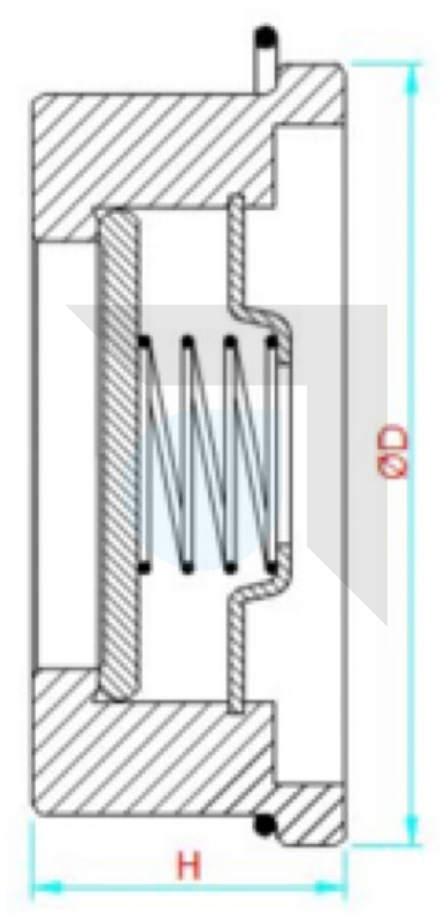
- As soon as the flow in the system is determined, the body and the disc begin to move in the same direction.
- Both horizontal and vertical positions are possible.
- It is easy to install due to its short installation length and hooks on the body.
- A disc hinged to the body is located within the flow section.
- When the disc starts moving in a defined direction on the system, it leaves the flow section by rotating in its axis, allowing the flow to pass.
- Designed to minimize pipeline head loss.
- When the system starts flowing, the expander shortens and the disc shrinks back, allowing flow to flow between the body and disc.
- Partially open valve discs cause pressure drops and fluttering of the valve disc, causing water hammer and disrupting the flow of water.
- A stainless steel spring is used in its construction.
- The disc and spring are stainless steel, and the body is brass.
- Even minimal leakage can be prevented with this product.
- There is no need to perform any maintenance on the valve.
- 100% of the valves are subjected to Hydrostatic tests according to EN 12266-1. Pressure for seat: PN x 1.1 , for shell: PN x 1.5





Dimensions & Material List

| # | Part | MATERIAL DN 15 -100 | MATERIAL DN 125 - 200 |
|---|---------|--------------------------|--|
| 1 | Body | BrassMS58 | Ductile Iron EN-GJS-400/500 (GGG40/50) |
| 2 | Disc | Stainless Steel AISI 304 | Ductile Iron EN-GJS-400/500 (GGG40/50) |
| 3 | Spring | Stainless Steel AISI 304 | Stainless Steel AISI 304 |
| 4 | Segment | Stainless Steel AISI 304 | - |
| 5 | Hook | Stainless Steel AISI 304 | - |



| DN | ØD | Ød | L | KG |
|-----|-----|-----|-----|-----|
| 15 | 40 | 15 | 16 | 0.1 |
| 20 | 47 | 20 | 19 | 0.1 |
| 25 | 56 | 25 | 22 | 0.2 |
| 32 | 76 | 31 | 28 | 0.5 |
| 40 | 82 | 39 | 32 | 0.6 |
| 50 | 95 | 48 | 40 | 1 |
| 65 | 115 | 63 | 46 | 1.5 |
| 80 | 132 | 75 | 50 | 2.1 |
| 100 | 152 | 89 | 60 | 3.2 |
| 125 | 184 | 112 | 90 | 8 |
| 150 | 209 | 132 | 106 | 10 |
| 200 | 264 | 175 | 140 | 21 |
| 250 | 328 | 225 | 200 | 40 |

Units: mm / indicative dimensions & weights