



- cast iron body, wafer type
- stainless steel dual-wing plate and spring
- soft sealing
- automatic operating

### APPLICATION

- distribution, treatment and purification of water
- heating and air conditioning
- irrigation

### ADVANTAGES

- prevention of backflow in pipe
- short face to face
- low pressure drop
- easy installation
- maintenance-free operation



### TECHNICAL DATA

|                         |  |
|-------------------------|--|
| Working range:          | water and other non-aggressive fluids, max. working pressure 1 MPa/ 1,6 MPa, working temperature is depending on the sealing material: NBR ..... -10 °C to +80 °C  |
| Face to face:           | EN 558-1, serie 16   |
| Connection into piping: | between flanges according to EN 1092-1, B1 / DIN PN 10/16  |
|                         | The stem must be in a vertical position, both wings of plate must be open downstream in a horizontal pipe<br>The stem in a horizontal position, both wings of the plate must be open downstream and working medium must flow upwards in a vertical pipe. |
| Testing:                | check valves are tested according to EN 12266, P10, P11, P1 and supplied with accompanying documentation according to EN 10204   |
| Other options:          | sealing material EPDM (-10 °C to 120 °C) or VITON (-10 °C to 150 °C) or SILICONE (-10° C to 180° C)  |

DESIGN AND CONSTRUCTION MATERIALS

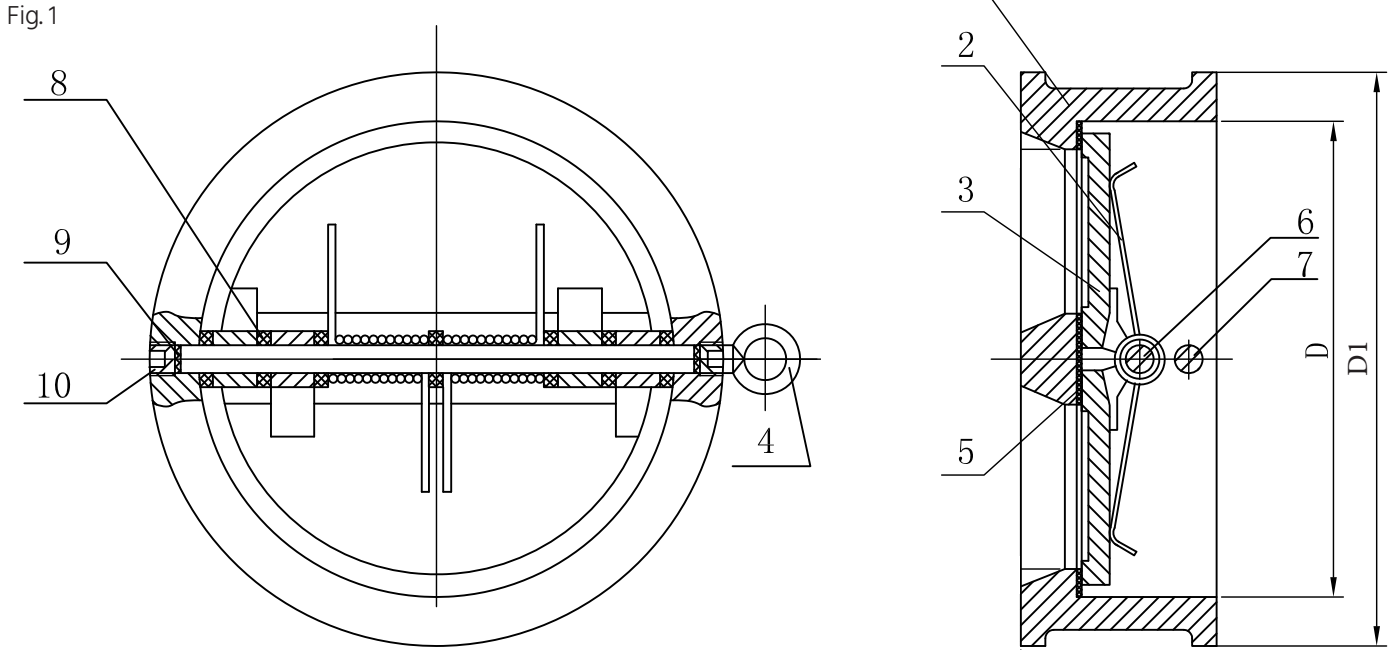


Table 1 List of materials

| Pos. | Name of part | Material     |
|------|--------------|--------------|
| 1    | Body         | EN GJL-250   |
| 2    | Spring       | AISI 304     |
| 3    | Plate        | A351 CF8     |
| 4    | Handling eye | Carbon steel |
| 5    | Sealing      | NBR          |
| 6    | Stem1        | AISI 304     |
| 7    | Stem 2       | AISI 304     |
| 8    | Washer       | PTFE         |
| 9    | Sealing      | NBR          |
| 10   | Plug         | Carbon steel |

Table 2 Main dimensions (in mm)

| DN  | L   | D   | D1   |      | weight (kg) |
|-----|-----|-----|------|------|-------------|
|     |     |     | PN10 | PN16 |             |
| 50  | 43  | 65  | 107  |      | 1,5         |
| 65  | 46  | 80  | 127  |      | 2           |
| 80  | 64  | 94  | 142  |      | 3           |
| 100 | 64  | 117 | 162  |      | 4,5         |
| 125 | 70  | 145 | 192  |      | 6,5         |
| 150 | 76  | 170 | 218  |      | 9           |
| 200 | 89  | 224 | 273  |      | 14,5        |
| 250 | 114 | 265 | 328  | 329  | 24,5        |
| 300 | 114 | 312 | 378  | 384  | 35,5        |

The data in the catalog sheet are for information only and the manufacturer reserves the right to make technical changes.