



- simple compact design
- full bore
- cast body & bonnet
- ball with rubberized surface
- automatic operating

APPLICATION

- water supply or sewerage network
- industrial distribution of chemically inert liquids



ADVANTAGES

- prevention of backflow of working media in the pipeline
- self-cleaning function (rubberized ball and smooth inner surface of the valve prevent dirt settling)
- possible horizontal or vertical installation
- quiet operation
- low pressure drop
- easy maintenance
- long life

TECHNICAL DATA

- Working range: water, sewage and other non-aggressive liquids in temperature range -10 °C to + 70 °C, working pressure: max. 1.6 MPa (more info in table 2)
- Face to face: EN 558-1, serie 48 + A1 (DIN 3202)
- Flanges: EN 1092-1, B1 / DIN PN10 / PN16
- Testing: Each valve is tested according to EN 12266 and supplied with accompanying documentation according to EN 10204

CONSTRUCTION AND LIST OF MATERIALS

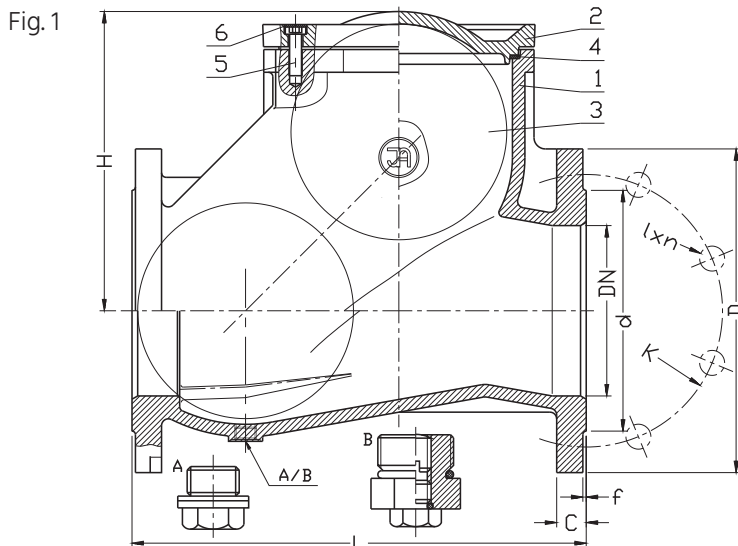


Table 1 List of materials

| Pos. | Name of part | Material |
|------|----------------|---|
| 1 | Body | Ductile iron EN GJS-400-15 ¹⁾ |
| 2 | Bonnet | Ductile iron EN GJS-400-15 ¹⁾ |
| 3 | Ball | Ductile iron EN GJS-400-15 + vulcanized NBR |
| 4 | Bonnet sealing | NBR |
| 5 | Screw | Steel Fe/Zn5 EN ISO 4762 |
| 6 | Screw plug | Wax |

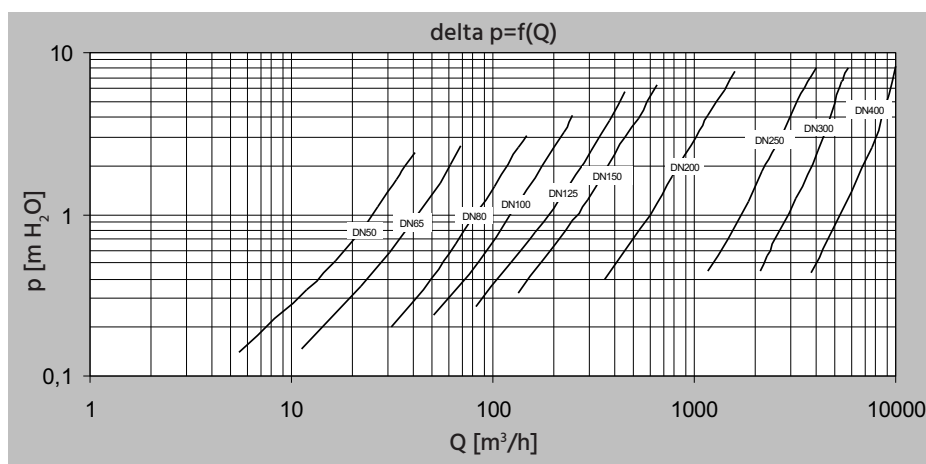
¹⁾ with protective epoxy coating min. 250 µm, acc. to EN 14091

MAIN DIMENSIONS (MM)

| DN | PN (bar) | L | H | d | D | K | l | C | f | n | weight (kg) |
|------|----------|------|-----|-----|-----|-----|----|----|---|----|-------------|
| 50 | 16 | 200 | 113 | 102 | 165 | 125 | 19 | 19 | 3 | 4 | 8 |
| 65 | 16 | 240 | 126 | 122 | 185 | 145 | 19 | 19 | 3 | 4 | 13 |
| 80 | 16 | 260 | 162 | 138 | 200 | 160 | 19 | 19 | 3 | 8 | 17 |
| 100 | 16 | 300 | 194 | 158 | 220 | 180 | 19 | 19 | 3 | 8 | 24 |
| 125 | 16 | 350 | 214 | 178 | 250 | 210 | 19 | 19 | 3 | 8 | 34 |
| 150 | 16 | 400 | 260 | 212 | 285 | 240 | 23 | 19 | 3 | 8 | 52 |
| 200 | 16 | 500 | 320 | 268 | 340 | 295 | 23 | 20 | 3 | 12 | 83 |
| 250 | 16 | 600 | 365 | 319 | 405 | 355 | 28 | 22 | 3 | 12 | 136 |
| 300 | 16 | 700 | 427 | 370 | 460 | 410 | 28 | 25 | 4 | 12 | 229 |
| 200 | 10 | 500 | 320 | 268 | 340 | 295 | 23 | 20 | 3 | 8 | 83 |
| 250 | 10 | 600 | 365 | 319 | 405 | 350 | 23 | 22 | 3 | 12 | 136 |
| 300 | 10 | 700 | 427 | 370 | 460 | 400 | 23 | 25 | 4 | 12 | 229 |
| 350* | 10 | 800 | 427 | 429 | 520 | 460 | 23 | 27 | 4 | 16 | 260 |
| 400 | 10 | 900 | 537 | 480 | 580 | 515 | 28 | 28 | 4 | 16 | 395 |
| 500 | 10 | 1100 | 650 | 582 | 670 | 620 | 28 | 32 | 4 | 20 | 560 |

* reduced bore

PRESSURE LOSS

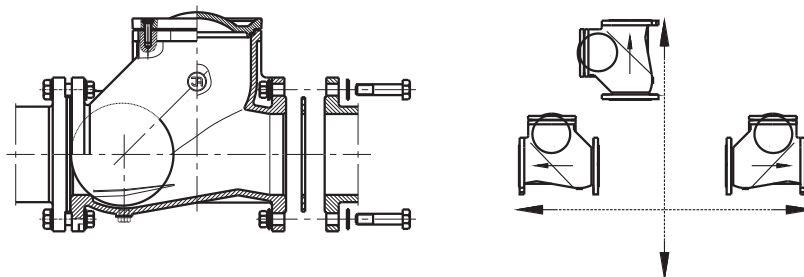


OPTIONS

- stainless steel screws
- with drain plug
- with drain plug and ventilation
- lightweight ball (aluminum alloy)
- EPDM seal + ball EPDM vulcanized (temperature range -10 °C to + 120 °C)

INSTALLATION

Fig. 2



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