



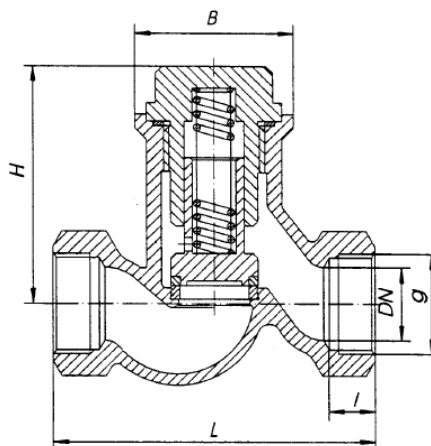
## Check valve

Stream lined flow, with threaded connection

5/277

PN 16

- Design:
  - Check valve, casted body, with threaded connection
  - according customers request with out or with closing spring for any mounting position
- Application:
  - Industrial cold and hot water, steam, neutral fluids
  - Max. working temperature 200°C
- Connection
  - Screwed ends acc. DIN 2999.



| Dimensions |          |    |    |     |     |             |
|------------|----------|----|----|-----|-----|-------------|
| DN         | g        | I  | B  | L   | H   | Weight [kg] |
| 10         | R 3/8"   | 12 | 36 | 85  | 53  | 0,4         |
| 15         | R 1/2"   | 14 | 41 | 90  | 56  | 0,7         |
| 20         | R 3/4"   | 16 | 41 | 100 | 56  | 0,9         |
| 25         | R 1"     | 18 | 50 | 120 | 82  | 1,2         |
| 32         | R 1 1/4" | 20 | 60 | 140 | 99  | 1,7         |
| 40         | R 1 1/2" | 22 | 68 | 170 | 112 | 2,7         |
| 50         | R 2"     | 24 | 84 | 200 | 121 | 3,6         |

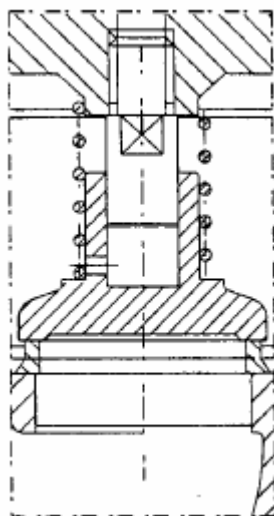


## Check valve

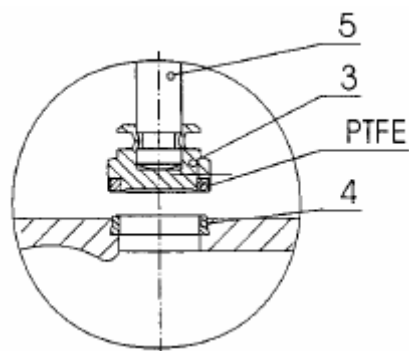
Stream lined flow, with threaded connection

5/277

PN 16



DN 25-50



Cone with PTFE ring

| Materials   |                  |                |           |
|-------------|------------------|----------------|-----------|
| Designation | Set 1            | Set 2          | Set 3     |
| Body        | GG 25 (0.6025)   | GG 25 (0.6025) | G-CuSn10  |
| Bonnet      | GG 25 (0.6025)   | GG 25 (0.6025) | G-CuSn10  |
| Plug        | X20Cr13 (1.4021) | CuSn10         | CuSn10    |
| Seat        | X10Cr13 (1.4006) | CuSn10         | CuSn10    |
| Stem        | X20Cr13 (1.4021) | CuSn10         | CuSn10    |
| Spring      | X20CrNi17        | X20CrNi17      | X20CrNi17 |
| Sealing     | Klingerit        | Klingerit      | Klingerit |

### Special designs:

- Cone with PTFE ring for  $T < 120^{\circ}\text{C}$