



**DN 15 - 250 mm**

**Series** PN 16 according to DIN EN 1092-1

**Face-to-face lengths** DIN EN 558 FTF basic series 27 (formerly: DIN 3202-1 Series F4)

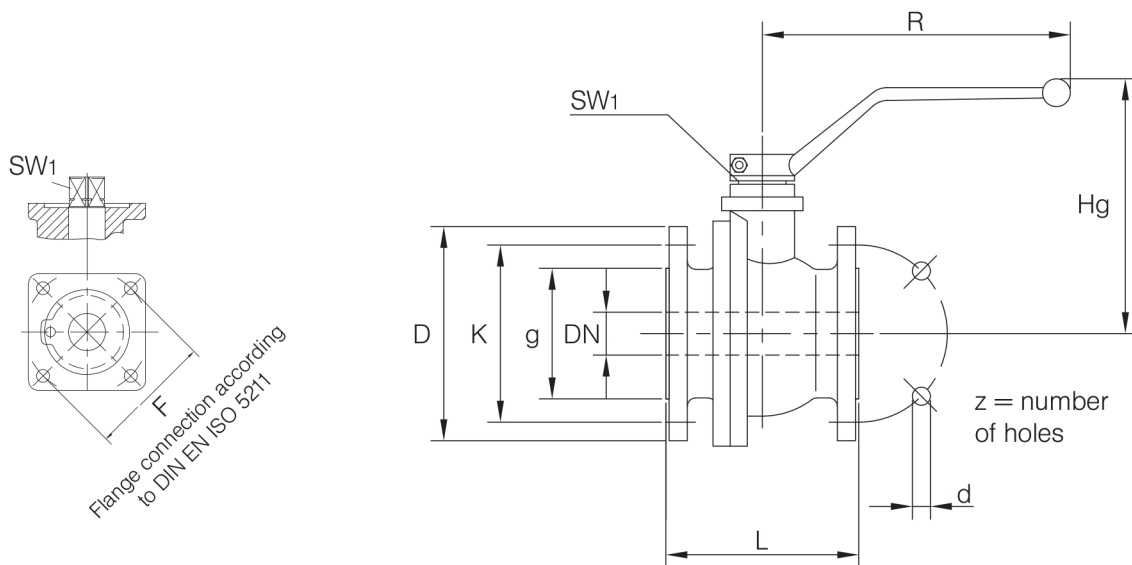
**Temperature range** Standard: -10°C to +150°C; DVGW -20°C to +60°C  
On request: -50°C to +250°C

**Range of use** Liquids: Liquids group 1 and 2 according to PED 2014/68/EU Article 13  
Gases: Liquids group 1 and 2 according to PED 2014/68/EU Article 13  
As a matter of principle, the resistance to the flow medium must be ensured.

**Approvals** DVGW for gas  
TÜV-Component mark  
Technical instructions on air quality control (TA Luft)

**Technical specification** The KFK-C type ball valve consists of a 3-part body, from DN 50 of a 2-part body. Up to nominal width DN 50, the flange is screwed into the body. From nominal width DN 65, the two body parts are flanged together. The stem is blowout-proof and, from nominal width DN 32 is provided with a two-fold O-ring seal.

# ball valve made of steel series BA679



(PN 16 according to DIN EN 1092-1)

| DN<br>mm | PN<br>bar | L<br>mm | D<br>mm | g<br>mm | K<br>mm | z  | d<br>mm | Hg<br>mm | R<br>mm | F<br>DIN EN<br>ISO 5211 | SW1<br>mm | Weight<br>kg |
|----------|-----------|---------|---------|---------|---------|----|---------|----------|---------|-------------------------|-----------|--------------|
| 15       | 40        | 115     | 95      | 45      | 65      | 4  | 14      | 69       | 130     |                         | 10        | 2.4          |
| 20       | 40        | 120     | 105     | 58      | 75      | 4  | 14      | 71       | 130     |                         | 10        | 3.3          |
| 25       | 40        | 125     | 115     | 68      | 85      | 4  | 14      | 82       | 160     |                         | 10        | 4.5          |
| 32       | 40        | 130     | 140     | 78      | 100     | 4  | 18      | 117      | 250     |                         | 17        | 6.7          |
| 40       | 40        | 140     | 150     | 88      | 110     | 4  | 18      | 121      | 250     |                         | 17        | 8.0          |
| 50       | 40        | 150     | 165     | 102     | 125     | 4  | 18      | 128      | 250     | F07                     | 17        | 10.0         |
| 65       | 16        | 170     | 185     | 122     | 145     | 4  | 18      | 158      | 250     |                         | 17        | 19.0         |
| 80       | 40        | 180     | 200     | 138     | 160     | 8  | 18      | 182      | 370     | F10                     | 22        | 25.0         |
| 100      | 16        | 190     | 220     | 158     | 180     | 8  | 18      | 194      | 370     | F10                     | 22        | 30.0         |
| 125      | 16        | 325     | 250     | 188     | 210     | 8  | 18      | 195      | 520     | F10                     | 22        | 50.0         |
| 150      | 16        | 350     | 285     | 212     | 240     | 8  | 22      | 225      | 700     | F12                     | 27        | 72.0         |
| 200      | 16        | 400     | 340     | 268     | 295     | 12 | 22      | 260      | 700     | F12                     | 27        | 108.0        |
| 250*     | 16        | 450     | 405     | 320     | 355     | 12 | 22      | 260      | 700     | F12                     | 27        | 135.0        |

\*Reduced bore, clear span 200.

# ball valve made of steel series BA679

| Pos. | Designation   | Material                     |
|------|---------------|------------------------------|
| 10   | Body          | Forged steel, steel casting  |
| 20   | Flange        | Steel, steel casting         |
| 30   | Ball          | Brass, steel, grey cast iron |
| 40   | Seal          | PTFE                         |
| 50   | Stop washer   | Steel                        |
| 60   | Stem          | Brass, steel                 |
| 70   | Fitting       | Brass                        |
| 80   | O-ring        | NBR, FPM                     |
| 90   | Hand lever    | Zinc die casting, casting    |
| 100  | O-ring        | NBR, FPM                     |
| 110  | Bolt          |                              |
| 120  | Nut           |                              |
|      | Washer        |                              |
| 130  | O-ring        | NBR, FPM                     |
|      | Sliding ring  | PTFE                         |
| 140  | Stop pin      |                              |
| 160  | Bolt          |                              |
| 180  | Pin           | Steel                        |
| 190  | Bearing shell |                              |
| 200  | O-ring        | NBR, FPM                     |

\* Standard (can vary according to nominal width), other materials on request.  
Due to the design, not all items are used for all nominal widths.

