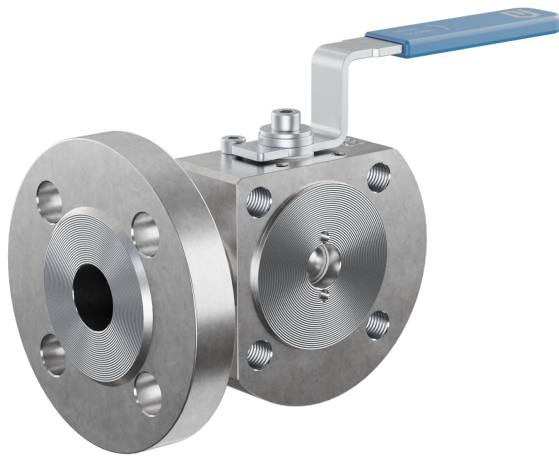


## 3/2 way switch ball valve type FK07



### description:

3-way-switch-ball valve in compact design with reduced port. To shut off pipeline systems.

### features:

- suitable for neutral and not neutral **gaseous & liquid media**
- flanges acc. To DIN EN 1092-1
- sealing on output side
- body steel zinc plated
- direction of flow see graphical symbol

### connection:

DN15, DN20, DN25, DN32, DN40, DN50

### construction:

reduced port design

### pressure:

PN 16 – PN 40

### design:

#### body:

3/2-way switch-ball valve with reduced port design  
steel C22 1.0402

#### ball:

stainless steel 1.4404

#### ball seal:

PTFE GF

#### shifting shaft seal:

O-ring Viton

#### body seal:

O-ring Viton

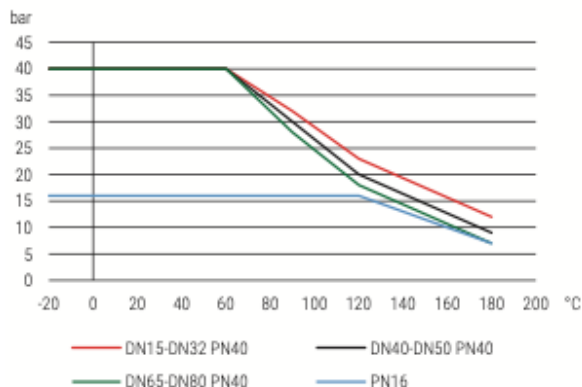
#### shifting shaft:

Stainless steel 1.4404

#### temperature:

-20°C to +180°C (depending on working pressure)

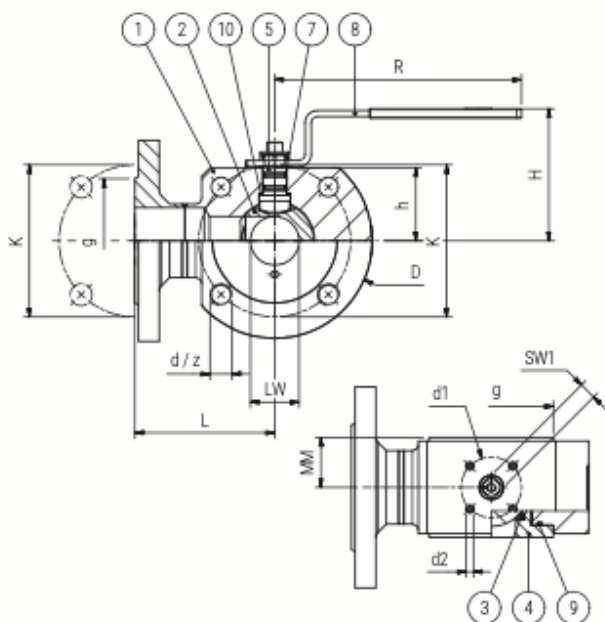
### pressure-temperature diagram:



|                       | Stellung 1<br>position 1 | Stellung 2<br>position 2 | Schaltzeichen<br>symbols | Achtung !<br>Abgesperrte Rohrleitung darf<br>keinen höheren Druck als die<br>Förderleitung haben<br><br>Warning !<br>pressure from closed side<br>must be less than pressure<br>from conveyor line |
|-----------------------|--------------------------|--------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L - Bohrung<br>L-bore |                          |                          |                          |                                                                                                                                                                                                    |

**dimensions:**

| DN | LW | PN | L   | MM   | R     | H     | h    | D   | K   | g   | z | d   | SW1 | M   | d1 | d2 | weight |
|----|----|----|-----|------|-------|-------|------|-----|-----|-----|---|-----|-----|-----|----|----|--------|
| 15 | 15 | 40 | 76  | 20   | 124,5 | 66,5  | 31,5 | 90  | 65  | 45  | 4 | M12 | 9   | F03 | 36 | M5 | 2,20   |
| 20 | 15 | 40 | 82  | 20   | 124,5 | 71    | 36   | 99  | 75  | 58  | 4 | M12 | 9   | F03 | 36 | M5 | 2,90   |
| 25 | 20 | 40 | 86  | 23   | 12,5  | 75    | 140  | 110 | 85  | 68  | 4 | M12 | 9   | F03 | 36 | M5 | 3,80   |
| 32 | 25 | 40 | 100 | 29   | 172,5 | 89,5  | 49,2 | 130 | 100 | 78  | 4 | M16 | 11  | F05 | 50 | M6 | 6,40   |
| 40 | 32 | 40 | 105 | 35,5 | 172,5 | 94,5  | 55   | 140 | 110 | 88  | 4 | M16 | 11  | F05 | 50 | M6 | 8,50   |
| 50 | 40 | 40 | 115 | 41   | 203   | 108,5 | 60   | 160 | 125 | 102 | 4 | M16 | 14  | F05 | 50 | M6 | 12,00  |



| Nr. No. | Bezeichnung Description          | Werkstoff Material                 | Materialbezeichnung Material description |
|---------|----------------------------------|------------------------------------|------------------------------------------|
| 1       | Gehäuse Body                     | Stahl verzinkt Steel (zinc-plated) | 1.0402                                   |
| 2       | Kugel Ball                       | Edelstahl Stainless steel          | 1.4404                                   |
| 3       | Kugeldichtung Ball seal          | PTFE GF PTFE GF                    | -                                        |
| 4       | Flansch / Nippel Flange / nipple | Stahl verzinkt Steel (zinc-plated) | 1.0715                                   |
| 5       | Schaltwelle Stem                 | Edelstahl Stainless steel          | 1.4404                                   |
| 7       | Spindeldichtung Spindle seal     | FKM FKM                            | -                                        |
| 8       | Griff Handle                     | Edelstahl Stainless steel          | -                                        |
| 9       | Gehäusedichtung Body seal        | FKM FKM                            | 1.4301                                   |
| 10      | Anlauftring Thrust washer        | PTFE GF PTFE GF                    | -                                        |

article No.:

| Type                    |    |    | size                                                                              |
|-------------------------|----|----|-----------------------------------------------------------------------------------|
| FK07 – 3/2-way          | 00 | 00 | 03 – DN15<br>04 – <b>DN20</b><br>05 – DN25<br>06 – DN32<br>07 – DN40<br>08 – DN50 |
| example No. FK07000004: |    |    |                                                                                   |
| FK07                    | 00 | 00 | 04                                                                                |

3/2-way switch ball valve made of steel DN20 with stainless steel ball

Image similar, subject change without notice.