

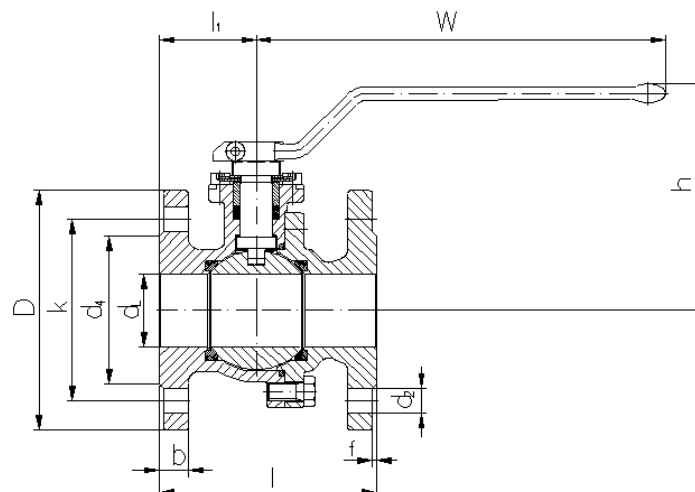
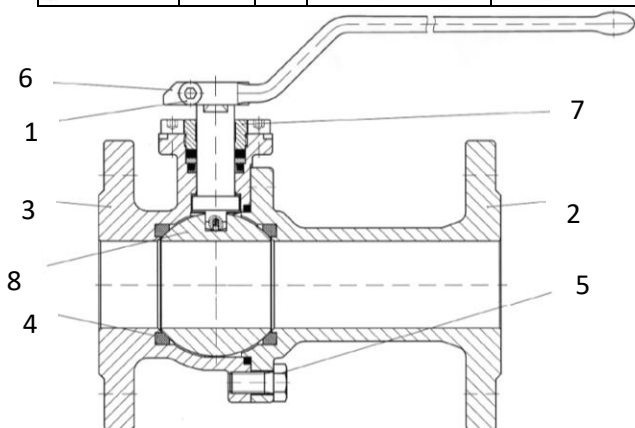


**Nominal Pressure: PN 16 / 40**  
**Face to face acc. to EN558-1 R 28**  
**Flanges acc. to DIN EN 1092-1 B1**  
**Body: Stainless Steel (1.4408)**  
**Ball: Stainless Steel (1.4408)**  
**Ball Seats: pure TFM**  
**Full Bore**  
**Stem: Duplex (1.4462)**  
**Anti-Static-Design**  
**Operation: Hand lever,**  
**lockable hand lever**

**Tests/Certificates: TA-Luft acc. to VDI 2440, FireSafe acc. to BS6755 T2 and ISO10497**

| Nominal Diameter | Nominal Pressure | Article number |
|------------------|------------------|----------------|
| DN15             | PN40             | KH-ET-15-40    |
| DN20             | PN40             | KH-ET-20-40    |
| DN25             | PN40             | KH-ET-25-40    |
| DN32             | PN40             | KH-ET-32-40    |
| DN40             | PN40             | KH-ET-40-40    |
| DN50             | PN40             | KH-ET-50-40    |
| DN65             | PN16             | KH-ET-65-16    |
| DN65             | PN40             | KH-ET-65-40    |
| DN80             | PN40             | KH-ET-80-40    |
| DN100            | PN16             | KH-ET-100-16   |
| DN100            | PN40             | KH-ET-100-40   |
| DN150            | PN16             | KH-ET-150-16   |

| Dimensions in mm |       |     |                   |                    |                |     |     |     |    |     |   |                |                    |     |      |
|------------------|-------|-----|-------------------|--------------------|----------------|-----|-----|-----|----|-----|---|----------------|--------------------|-----|------|
| Nominal Diameter | PN    | Ød  | Face to face l    |                    | l <sub>1</sub> | h   | W   | D   | b  | k   | z | d <sub>2</sub> | d <sub>4</sub> x f | ISO | kg   |
|                  |       |     | long (F1/F17/R28) | short (F4/F18/R27) |                |     |     |     |    |     |   |                |                    |     |      |
| DN15             | 10-40 | 15  | 130               | 115                | 53             | 108 | 210 | 95  | 16 | 65  | 4 | 14             | 45x2               | F05 | 2,5  |
| DN20             | 10-40 | 20  | 150               | 120                | 55             | 119 |     | 105 | 18 | 75  |   |                | 58x2               |     | 4,0  |
| DN25             | 10-40 | 25  | 160               | 125                | 57             | 124 |     | 115 |    | 85  |   |                | 68x2               |     | 5,0  |
| DN32             | 10-40 | 31  | 180               | 130                | 58             | 133 |     | 140 |    | 100 |   |                | 78x2               |     | 6,5  |
| DN40             | 10-40 | 40  | 200               | 140                | 65             | 151 | 282 | 150 | 20 | 110 | 8 | 18             | 88x3               | F07 | 9,0  |
| DN50             | 10-40 | 50  | 230               | 150                | 67             | 159 |     | 165 |    | 125 |   |                | 102x3              |     | 12,5 |
| DN65             | 10-16 | 65  | 290               | 170                | 71             | 170 |     | 185 |    | 145 |   |                | 122x3              |     | 16,0 |
| DN65             | 40    | 65  | 290               | 170                | 71             | 170 |     | 185 | 22 | 145 |   |                | 122x3              |     | 16,5 |
| DN80             | 10-16 | 77  | 310               | 180                | 83             | 139 | 500 | 200 | 20 | 160 | 8 | 22             | 138x3              | F10 | 22,5 |
| DN80             | 40    | 77  | 310               | 180                | 83             | 139 |     | 200 | 24 | 160 |   |                | 138x3              |     | 23,5 |
| DN100            | 10-16 | 100 | 350               | 190                | 87             | 157 |     | 220 | 20 | 180 |   |                | 158x3              |     | 30,5 |
| DN100            | 40    | 100 | 350               | 190                | 87             | 157 |     | 235 | 24 | 190 |   |                | 158x3              |     | 34,0 |



| Material of Construction |                             |                |
|--------------------------|-----------------------------|----------------|
| No.                      | Part Name                   | Material       |
| 1                        | Body                        | 1.4408         |
| 2                        | Body Part                   | 1.4408         |
| 3                        | Ball                        | 1.4404/1.4408  |
| 4                        | Seat ring                   | Pure TFM       |
| 5                        | Body screws                 | A4-70          |
| 6                        | Hexagon screw               | 8.8 gal Zn     |
| 7                        | Hexagon screw               | 1.4404         |
| 8                        | Hand lever                  | 1.4308         |
| 9                        | Stem                        | 1.4462         |
| 10                       | Lower control shaft bearing | Pure TFM       |
| 11                       | Upper control shaft bearing | 1.4401 / PTFE  |
| 12                       | Joint ring                  | Graphit + PTFE |
| 13                       | Joint ring                  | Graphit        |
| 14                       | Cup seal                    | PTFE, rein     |
| 15                       | Pressure ring               | 1.4404         |
| 16                       | Wedge ring                  | Graphit        |

