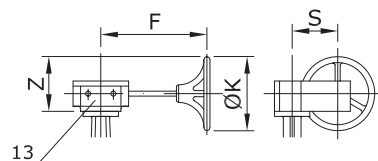
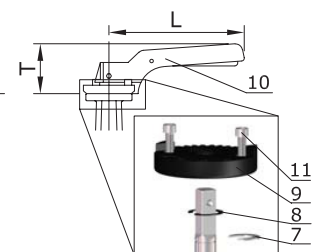
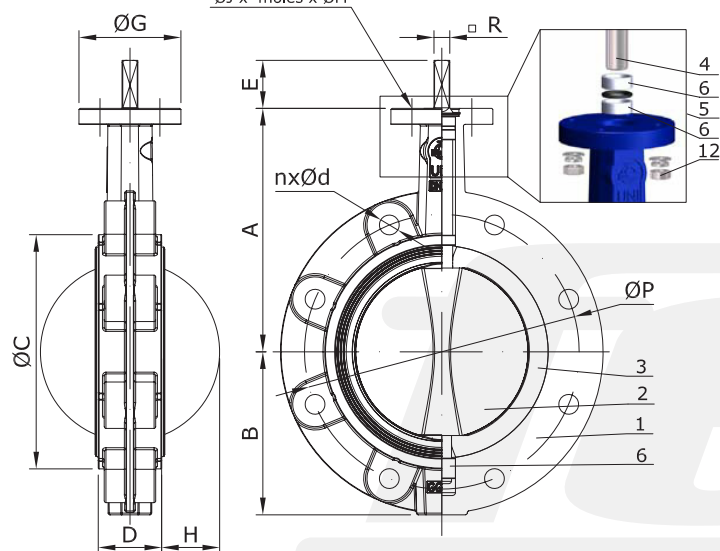


**Schneckengetriebe / Worm gear****Handhebel / Lever**

Flansch / Flange ISO5211  
ØJ x 4holes x ØM

**Merkmale / Features**

- D**
- Absperklappe
  - Anflanschsführung für PN10/PN16/ANSI150
  - Max. Betriebsdruck: DN25-300 16 bar / DN350-600 10 bar / PTFE 10 bar
  - Baulänge: EN 558 S20
  - Kopfflansch: ISO 5211
  - Leckrate A
  - Farbton ähnlich RAL5002

- E**
- Butterfly valve
  - Lug Type suitable for flanges PN10/PN16/ANSI150
  - Max. Working pressure: DN25-300 16 bar / DN350-600 10 bar / PTFE 10 bar
  - Face-to-face: EN 558 S20
  - Top flange: ISO 5211
  - Leak rate A
  - Painting similar RAL5002

**Werkstoffe / Materials\***

| Nr. | Bauteil / Part                | Material                                                     |
|-----|-------------------------------|--------------------------------------------------------------|
| 1   | Gehäuse / Body                | GG25, GGG40, 1.4408 / CF8M, 1.0619 / WCB                     |
| 2   | Scheibe / Disc                | GGG40 vernickelt / nickel plated, 1.4408 / CF8M, Al-Bz, 904L |
| 3   | Manschette / Liner            | NBR, EPDM, PTFE, Viton, Silicon, Hypalon                     |
| 4   | Welle / Stem                  | AISI 420, AISI 431                                           |
| 5   | O-Ring                        | EPDM, NBR, Viton                                             |
| 6   | Kunststoffbuchse / Bushing    | PTFE                                                         |
| 7   | Unterlegscheibe / Washer      | Stahl / Steel                                                |
| 8   | Sicherungsring / Circlip      | Stahl / Steel                                                |
| 9   | Rasterplatte / Notch plate    | Aluminium                                                    |
| 10  | Handhebel / Hand lever        | Aluminium, Sphäroguss / Ductile iron                         |
| 11  | Bolzen / Stud                 | Stahl / Steel                                                |
| 12  | Mutter / Nut                  | Stahl / Steel                                                |
| 13  | Schneckengetriebe / Worm gear | Sphäroguss / Ductile iron                                    |

| Material | Temperature                                              |
|----------|----------------------------------------------------------|
| NBR      | (-20°C) -10°C ... +80°C                                  |
| EPDM     | (-20°C) -10°C ... +110°C (+130°C)                        |
| EPDM     | max. 80°C für Trinkwasser / max. 80°C for drinking water |
| Viton    | (-20°C) -10°C ... +150°C (+180°C)                        |
| Silicon  | (-40°C) -20°C ... +170°C (+190°C)                        |
| PTFE     | (-20°C) -10°C ... +110°C (+120°C)                        |

( ) kurzzeitige Spitzentemperaturen / brief peak temperatures

**Abmessungen / Dimensions\***

| DN  | INCH   | A     | B     | ØC  | D  | H    | ISO5211 | E  | R     | ØG  | ØJ  | ØM | ØP  | nxØd   | ØP   | nxØd   | T  | L   | F   | S  | Z   | ØK         | Weights [kg] |     |
|-----|--------|-------|-------|-----|----|------|---------|----|-------|-----|-----|----|-----|--------|------|--------|----|-----|-----|----|-----|------------|--------------|-----|
|     |        |       |       |     |    |      |         |    |       |     |     |    |     | PN10   | PN16 |        |    |     |     |    |     | with lever | with gear    |     |
| 25  | 1"     | 121   | 53    | 65  | 33 | 0    | F05     | 32 | 7x7   | 65  | 50  | 7  | 85  | 4xM12  | 85   | 4xM12  | 70 | 195 | 156 | 45 | 116 | 150        | 2,6          | 6,5 |
| 32  | 1 1/4" | 121   | 57    | 73  | 33 | 1,3  | F05     | 32 | 7x7   | 65  | 50  | 7  | 100 | 4xM16  | 100  | 4xM16  | 70 | 195 | 156 | 45 | 116 | 150        | 2,6          | 6,5 |
| 40  | 1 1/2" | 130   | 61    | 82  | 33 | 4,9  | F05     | 32 | 9x9   | 65  | 50  | 7  | 110 | 4xM16  | 110  | 4xM16  | 70 | 195 | 156 | 45 | 116 | 150        | 3            | 7   |
| 50  | 2"     | 136,5 | 77    | 90  | 43 | 5    | F05     | 32 | 9x9   | 65  | 50  | 7  | 125 | 4xM16  | 125  | 4xM16  | 70 | 195 | 156 | 45 | 116 | 150        | 4            | 7,5 |
| 65  | 2 1/2" | 142   | 87,5  | 103 | 46 | 9,4  | F05     | 32 | 9x9   | 65  | 50  | 7  | 145 | 4xM16  | 145  | 4xM16  | 70 | 195 | 156 | 45 | 116 | 150        | 5            | 8,5 |
| 80  | 3"     | 158   | 95    | 120 | 46 | 16,6 | F05     | 32 | 9x9   | 65  | 50  | 7  | 160 | 8xM16  | 160  | 8xM16  | 70 | 195 | 156 | 45 | 116 | 150        | 6            | 9,5 |
| 100 | 4"     | 180   | 107   | 152 | 52 | 26,2 | F05     | 32 | 11x11 | 65  | 50  | 7  | 180 | 8xM16  | 180  | 8xM16  | 70 | 195 | 156 | 45 | 116 | 150        | 7            | 11  |
| 125 | 5"     | 192   | 121,5 | 180 | 56 | 33,9 | F07     | 42 | 14x14 | 90  | 70  | 9  | 210 | 8xM16  | 210  | 8xM16  | 71 | 278 | 156 | 45 | 168 | 250        | 10           | 14  |
| 150 | 6"     | 215   | 144   | 107 | 56 | 49,7 | F07     | 42 | 14x14 | 90  | 70  | 9  | 240 | 8xM20  | 240  | 8xM20  | 71 | 278 | 156 | 45 | 168 | 250        | 12           | 16  |
| 200 | 8"     | 242   | 171   | 260 | 60 | 71,2 | F10     | 36 | 17x17 | 125 | 102 | 11 | 295 | 8xM20  | 295  | 12xM20 | 40 | 355 | 241 | 63 | 193 | 300        | 20           | 25  |
| 250 | 10"    | 280   | 205   | 315 | 68 | 91,3 | F12     | 38 | 22x22 | 150 | 125 | 13 | 350 | 12xM20 | 355  | 12xM24 | 44 | 507 | 223 | 78 | 190 | 300        | 21           | 45  |
| 300 | 12"    | 310   | 235   | 370 | 78 | 112  | F12     | 38 | 22x27 | 150 | 125 | 13 | 400 | 12xM20 | 410  | 12xM24 | 44 | 507 | 223 | 78 | 190 | 300        | 42           | 52  |
| 350 | 14"    | 337   | 258,5 | 418 | 78 | 128  | F12     | 45 | 27x27 | 150 |     |    |     |        |      |        |    |     |     |    |     |            |              |     |