



| POS | COMPONENTS     | MATERIAL        |
|-----|----------------|-----------------|
| 1   | Body           | 1.4408          |
| 2   | Body end       | 1.4408          |
| 3   | Ball           | 1.4408+Chr.Car. |
| 5   | Gland follower | 1.4404          |
| 6   | Cover          | 1.4301          |
| 7   | Spring plate   | 1.4568          |
| 10  | Body seal      | Graphite        |
| 11  | Packing        | Graphite        |
| 12  | Cover seal     | RPTFE           |
| 13  | Screw          | A2-70           |
| 17  | Spring         | 1.4401          |
| 18  | Handle         | 1.0460+ZINC     |
| 19  | Handle screw   | A2-70           |
| 20  | Cover screw    | A2-70           |
| 22  | Metal seal     | 1.4404+COL.     |
| 24  | Seat seal      | Graphite        |
| 25  | Guide ring     | 1.4404          |
| 26  | Stem G.ring    | Graphite        |
| 30  | Washes         | 1.4404          |
| 31  | Bushing        | 1.4404          |
| 40  | Indicator      | C 22.8          |
| 41  | Indicator nut  | A2-70           |

DIMENSIONS

| DN  | PN | R1  | D   | d1xf  | b  | H1    | H2  | L2  | d2 | SW | H3 | H4 | H5  | ISO |
|-----|----|-----|-----|-------|----|-------|-----|-----|----|----|----|----|-----|-----|
| 15  | 40 | 130 | 95  | 45x2  | 16 | 71    | 37  | 180 | 13 | 10 | 9  | 13 | 3.5 | F05 |
| 20  |    | 150 | 105 | 58x2  | 18 | 76.5  | 47  |     |    |    |    |    |     |     |
| 25  |    | 160 | 115 | 68x2  | 18 | 76.5  | 47  |     |    |    |    |    |     |     |
| 32  | 40 | 180 | 140 | 78x2  | 18 | 76.5  | 47  | 180 | 13 | 10 | 9  | 13 |     |     |
| 40  |    | 200 | 150 | 88x3  | 18 | 119.5 | 67  |     |    |    |    |    |     |     |
| 50  |    | 230 | 165 | 102x3 | 20 | 124.5 | 75  |     |    |    |    |    |     |     |
| 65  | 80 | 290 | 185 | 122x3 | 22 | 130.5 | 86  | 450 | 27 | 18 | 16 | 21 | 3.5 | F10 |
| 80  |    | 310 | 200 | 138x3 | 24 | 178.5 | 108 |     |    |    |    |    |     |     |
| 100 |    | 350 | 235 | 162x3 | 24 | 184.5 | 124 |     |    |    |    |    |     |     |

- Other materials and special alloys upon request.
- Seat ring materials depending on fluid and differential pressure.
- Ancillary equipment such as stem extensions, actuators, etc., can be field mounted at any time.
- Constant torque with temperature fluctuations.
- Trunnion mounted ball resulting in low torque for easy operation at high pressures.

Main features

- THREE WAY/FULL BORE.
- ONE PIECE BODY.
- TRUNNION MOUNTED.
- METAL SEATED.
- SEAT RINGS SPRING LOADED.
- ANTI BLOW OUT STEM.
- ANTI STATIC DEVICE.
- AUTOMATIC PRESSURE CAVITY RELIEF.
- DOUBLE SELF ADJUSTING PACKING.

Standards

- TOP FLANGE ISO 5211
- FACE TO FACE EN 558-1
- FLANGES EN 1092-1
- FLANGES ANSI B16.5

Official approvals

- ISO 9001:2008
- ISO 15848-1
- API 6D
- PED 2014/68/EU
- AD 2000 Merkblatt W0
- FIRE SAFE CERTIFICATE
- TA-LUFT/VDI 2440
- ATEX 94/9/EC
- IEC EN 61508:2010 (SIL 3)