



| POS. | COMPONENTS | MATERIAL |
|------|------------------|---------------|
| 1 | Body | 1.4408/1.4404 |
| 2 | Body end | 1.4408/1.4404 |
| 3 | Ball | 1.4408/1.4404 |
| 4 | Stem | 1.4404 |
| 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 |
| 14 | Seat ring | RPTFE |
| 15 | Pressure ring | 1.4404 |
| 17 | Spring | 1.4401 |
| 20 | Screw | A2-70 |
| 24 | Seat seal | RPTFE |
| 25 | Guide ring | 1.4404 |
| 26 | Bearing | Graphite |
| 32 | Trunnion | 1.4404 |
| 33 | Trunnion seal | Graphite |
| 35 | Trunnion screw | A2-70 |
| 46 | Stem O'ring | VITON |
| 48 | Seat O'ring | VITON |
| 50 | Upper body | 1.4404 |
| 51 | Upper body screw | A2-70 |
| 52 | Upper body seal | Graphite |

DIMENSIONS

| DN | PN | R1 | D | d1xf | b | z x l | K | H6 | H1 | d2 | SW | H3 | H4 | H5 | ISO |
|-----|----|-----|-----|-------|----|-------|-----|-------|-------|----|----|----|----|-----|-----|
| 50 | 40 | 230 | 165 | 102x3 | 20 | 4x18 | 125 | 96 | 131.5 | 27 | 18 | 25 | 27 | 3.5 | F10 |
| 65 | | 290 | 185 | 122x3 | 22 | 4x18 | 145 | 103.5 | 142 | | | | | | |
| 80 | | 310 | 200 | 138x3 | 24 | 8x18 | 160 | 141 | 188.5 | 40 | 32 | 34 | 38 | 3 | F12 |
| 100 | | 350 | 235 | 162x3 | 24 | 8x22 | 190 | 151 | 200.5 | | | | | | |

- 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

- TWO WAY/FULL BORE.
- BIDIRECTIONAL.
- SPLIT BODY.
- TRUNNION MOUNTED.
- SOFT 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
- FACE TO FACE ANSI B16.10
- 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)