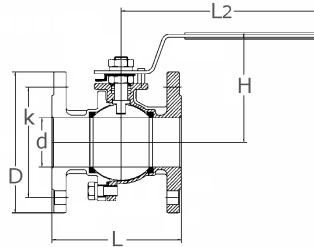


2-pc flanged end ball valve,
full port, DIN 3202
mounting pad ISO 5211
Atex II 2 GD c T6 - T3/125 °C

[short name: 2528*](#)

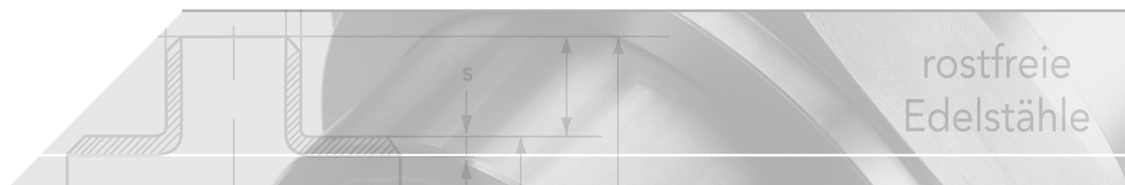


technical product sheet

| DN | Zoll | L | H | h2 | D | Anz | d2 | W | PN | kg | Art.-Nr. |
|-----|--------|-----|-----|-----|-----|-----|----|-----|----|---------|------------|
| 15 | 1/2" | 115 | 85 | 46 | 95 | 4 | 14 | 170 | 40 | 2,202 | FK-012-G00 |
| 20 | 3/4" | 120 | 85 | 51 | 105 | 4 | 14 | 170 | 40 | 3,050 | FK-034-G00 |
| 25 | 1" | 125 | 95 | 57 | 116 | 4 | 14 | 170 | 40 | 3,782 | FK-100-G00 |
| 32 | 1 1/4" | 130 | 106 | 71 | 140 | 4 | 18 | 200 | 40 | 5,168 | FK-114-G00 |
| 40 | 1 1/2" | 140 | 110 | 76 | 150 | 4 | 18 | 200 | 40 | 6,958 | FK-112-G00 |
| 50 | 2" | 150 | 118 | 83 | 165 | 4 | 18 | 200 | 40 | 9,530 | FK-200-G00 |
| 65 | 2 1/2" | 170 | 170 | 119 | 185 | 4 | 18 | 380 | 16 | 14,650 | FK-212-G00 |
| 80 | 3" | 180 | 170 | 130 | 200 | 8 | 18 | 380 | 16 | 19,540 | FK-300-G00 |
| 100 | 4" | 190 | 170 | 145 | 220 | 8 | 18 | 380 | 16 | 26,250 | FK-400-G00 |
| 125 | 5" | 325 | 200 | 163 | 250 | 8 | 18 | 520 | 16 | 38,000 | FK-500-G00 |
| 150 | 6" | 350 | 220 | 180 | 285 | 8 | 22 | 620 | 16 | 51,000 | FK-600-G00 |
| 200 | 8" | 400 | 300 | 253 | 340 | 12 | 22 | 700 | 16 | 115,500 | FK-800-G00 |

available material: V4A

Industrial valves > ball valves > flanged ends > Zukauf/ div. FKDA - NICHT im Web > 2-pc


PARTS LIST

| No. | Name | Material |
|-------|---------------|------------------------------|
| 1. | Body | 1.4408 |
| 2. | Cap | 1.4408 |
| 3.* | Ball | 1.4408 |
| 4.* | Stem | AISI 316 |
| 5.* | Ball Seat | PTFE +15% GF |
| 6.* | Gasket | PTFE (SS+Graphite from DN32) |
| 7.* | Thrust Washer | PTFE + Graphite |
| 8.* | O-Ring | Viton |
| 9.* | Stem Packing | PTFE |
| 10. | Gland | AISI 304 |
| 11. | Spring Washer | AISI 301 |
| 12. | Nut | AISI 304 |
| 13. | Washer | AISI 304 |
| 14. | Stopper | AISI 304 |
| 15.** | Handle | AISI 304 |
| 16. | Sleeve | PVC (blue) |
| 17. | Nut | AISI 304 |
| 18. | Stud Bolt | AISI 304 |
| 19. | Lock Washer | AISI 304 |
| 21. | Lock Washer | AISI 304 |
| 22. | Body Handle | 1.4408 |

* = Spare Parts available; ** up to DN 50 cranked handle, from DN 65 pipe handle

Flow Rate Value

| DN | Kv |
|--------|------|
| 1/2" | 19 |
| 3/4" | 40 |
| 1" | 65 |
| 1 1/4" | 110 |
| 1 1/2" | 180 |
| 2" | 365 |
| 2 1/2" | 495 |
| 3" | 970 |
| 4" | 1620 |
| 5" | 2530 |
| 6" | 4050 |
| 8" | 8650 |

Construction Characteristics

Flange End Ball Valve

- 2 pieces, full bore
- Stainless Steel Material: 1.4408 (CF8M)
- Flanged ends acc. to EN 1092-1 (PN 40 to DN 50; PN 16 from DN 65)
- Spiral wound gasket from DN 40
- Face to face acc. to EN 225 series 27
- Ball seats PTFE + 15% glasfiber
- Stem O-Ring Viton
- Direct mounting pad acc. to ISO 5211
- Blow-out proof stem
- Anti-Static Device
- Atex II 2 GD c T6 - T3/125°C
- Fire-safe Design
- Working temperature -30°C to 180°C
- Max. working pressure 40/16 bar
- (Consider pressure drops; see pressure-temperature Diagram!)

ISO-Top

acc. to ISO 5211

| DN | F | V | h |
|--------|---------|---------|------|
| 1/2" | F04 | 9 x 9 | 9,5 |
| 3/4" | F04/05 | 9 x 9 | 10 |
| 1" | F04/05 | 11 x 11 | 11 |
| 1 1/4" | F05/07 | 14 x 14 | 15,5 |
| 1 1/2" | F05/07 | 14 x 14 | 15,5 |
| 2" | F05/07 | 14 x 14 | 15,5 |
| 2 1/2" | F07/10 | 17 x 17 | 21 |
| 3" | F07/10 | 17 x 17 | 21 |
| 4" | F07/10 | 17 x 17 | 21 |
| 5" | F10/F12 | 27 x 27 | 34 |
| 6" | F10/F12 | 27 x 27 | 34 |
| 8" | F12/F14 | 27 x 27 | 26 |

