

Ball valve VZBD-3-W1-16-T-2-F0710-V14V14

Part number: 4762853

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|---|--|
| Design | 2-way ball valve |
| Type of actuation | Mechanical |
| Sealing principle | Soft |
| Mounting position | optional |
| Type of mounting | In-line installation |
| Connection Process valve | Weld-on end to ASME-BPE |
| Switching position indicator | Slot direction = flow direction |
| Flange hole pattern | F0710 |
| Inside diameter | 72.9 mm |
| Nominal size DN | 80 |
| Valve function | 2/2 |
| Flow direction | Reversible |
| Nominal pressure PN | 16 |
| Breakaway torque at differential pressure, nominal pressure, process valve PN | 140 Nm |
| Based on standard | ISO 5211 |
| Symbol | 00991458 |
| Medium | Vapour Compressed air to ISO 8573-1:2010 [-:~:] Inert gases Water Neutral fluids |
| Media temperature | -20 °C ... 200 °C |
| Flow rate Kv | 917 m³/h |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Suitable for use with food | See supplementary material information |
| Material housing | Stainless steel casting |
| Material number housing | 1.4409 |
| Material seat seal | PTFE, modified |

| Feature | Value |
|---|--|
| Material seals | FPM PTFE |
| Material ball | Stainless steel casting |
| Material number ball | 1.4409 |
| Material shaft | High-alloy stainless steel |
| Material number shaft | 1.4401 |
| Product weight | 9080 g |
| Approval | 3-A sanitary CRN |
| CE mark (see declaration of conformity) | In accordance with EU Pressure Equipment Directive |
| Explosion protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Corrosion resistance class CRC | 4 - Very high corrosion stress |