

**Ball valve**  
**VZBD-21/2-S5-16-T-2-F0710-V14V14**  
Part number: 4802250

**FESTO**



**Data sheet**

| Feature                       | Value                           |
|-------------------------------|---------------------------------|
| Type code                     | VZBD                            |
| Structural design             | 2-way ball valve                |
| Actuation type                | Mechanical                      |
| Sealing principle             | Soft                            |
| Mounting position             | Any                             |
| Type of mounting              | Line installation               |
| Fitting connection            | Clamp as per DIN 32676 series A |
| Switching position indication | Slot direction = flow direction |
| Flange hole pattern           | F0710                           |
| Inside diameter               | 72.1 mm                         |
| Nominal width DN              | 65                              |
| Valve function                | 2/2                             |
| Flow direction                | Reversible                      |

| Feature                                                                 | Value                                                                                          |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Nominal pressure of fitting PN                                          | 16                                                                                             |
| Breakaway torque at differential pressure, nominal pressure, fitting PN | 79 Nm                                                                                          |
| Based on norm                                                           | DIN 32676<br>ISO 5211                                                                          |
| Symbol                                                                  | 00991458                                                                                       |
| Medium                                                                  | Vapor<br>Compressed air as per ISO 8573-1:2010 [:-:-]<br>Inert gas<br>Water<br>Neutral liquids |
| Temperature of medium                                                   | -20 °C ... 200 °C                                                                              |
| Flow rate Kv                                                            | 897 m³/h                                                                                       |
| Note on materials                                                       | Contains paint-wetting impairment substances<br>RoHS-compliant                                 |
| For use in the food industry                                            | See supplementary material information                                                         |
| Housing material                                                        | Cast stainless steel                                                                           |
| Material number of housing                                              | 1.4409                                                                                         |
| Seat seal material                                                      | PTFE, modified                                                                                 |
| Seals material                                                          | FPM<br>PTFE                                                                                    |
| Ball material                                                           | Cast stainless steel                                                                           |
| Material number for ball                                                | 1.4409                                                                                         |
| Shaft material                                                          | High-alloy stainless steel                                                                     |
| Material number for shaft                                               | 1.4401                                                                                         |
| Product weight                                                          | 10680 g                                                                                        |
| Certification                                                           | 3-A sanitary<br>CRN                                                                            |
| CE marking (see declaration of conformity)                              | as per EU pressure equipment directive                                                         |
| Explosion prevention and protection                                     | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX)                             |
| Corrosion resistance class (CRC)                                        | 4 - Particularly high corrosion stress                                                         |