

**Ball valve**  
**VZBD-3/4-W1-16-T-2-F0304-V14V14**  
Part number: 4762848

**FESTO**



**Data sheet**

 [General operating condition](#)

| 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          | F0304                           |
| Inside diameter              | 15.8 mm                         |
| Nominal size DN              | 20                              |
| Valve function               | 2/2                             |
| Flow direction               | Reversible                      |

| Feature                                                                       | Value                                                                                        |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Nominal pressure PN                                                           | 16                                                                                           |
| Breakaway torque at differential pressure, nominal pressure, process valve PN | 9 Nm                                                                                         |
| Based on standard                                                             | ASME BPE<br>ISO 5211                                                                         |
| Symbol                                                                        | 00991458                                                                                     |
| Medium                                                                        | Vapour<br>Compressed air to ISO 8573-1:2010 [-:::]<br>Inert gases<br>Water<br>Neutral fluids |
| Media temperature                                                             | -20 °C ... 200 °C                                                                            |
| Flow rate Kv                                                                  | 36 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                                                                               |
| Material seals                                                                | FPM<br>PTFE                                                                                  |
| Material ball                                                                 | Stainless steel casting                                                                      |
| Material number ball                                                          | 1.4409                                                                                       |
| Material shaft                                                                | High-alloy stainless steel                                                                   |
| Material number shaft                                                         | 1.4401                                                                                       |
| Product weight                                                                | 530 g                                                                                        |
| Approval                                                                      | 3-A sanitary<br>CRN                                                                          |
| Explosion protection                                                          | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX)                           |
| Corrosion resistance class CRC                                                | 4 - Very high corrosion stress                                                               |