

**Ball valve**  
**VZBA-3/8"-WW-63-T-22-F0304-V4V4T**  
 Part number: 1686662

**FESTO**



**Data sheet**

[PDF](#) General operating condition

| Feature                        | Value                                                                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Structural design              | 2-way ball valve                                                                                                                       |
| Actuation type                 | Mechanical                                                                                                                             |
| Sealing principle              | Soft                                                                                                                                   |
| Mounting position              | Any                                                                                                                                    |
| Type of mounting               | Line installation                                                                                                                      |
| Fitting connection             | Weld-on ends/weld-on ends                                                                                                              |
| Switching position indication  | Slot direction = flow direction                                                                                                        |
| Flange hole pattern            | F03<br>F04                                                                                                                             |
| Inside diameter                | 12 mm                                                                                                                                  |
| Nominal width DN               | 10                                                                                                                                     |
| Valve function                 | 2/2                                                                                                                                    |
| Manual override                | None                                                                                                                                   |
| Flow direction                 | Reversible                                                                                                                             |
| Nominal pressure of fitting PN | 63                                                                                                                                     |
| Actuating torque               | 6 Nm                                                                                                                                   |
| Based on norm                  | DIN 3202-S13<br>ISO 5211                                                                                                               |
| Symbol                         | 00991458                                                                                                                               |
| Medium                         | Compressed air as per ISO 8573-1:2010 [-:-:-]<br>Inert gas<br>Water – no water vapor<br>Neutral liquids<br>Other flow media on request |
| Temperature of medium          | -10 °C ... 200 °C                                                                                                                      |
| Flow rate Kv                   | 10 m³/h                                                                                                                                |
| Note on materials              | RoHS-compliant                                                                                                                         |
| LABS (PWIS) conformity         | VDMA24364 zone III                                                                                                                     |
| Housing material               | High-alloy stainless steel                                                                                                             |
| Material number of housing     | 1.4408                                                                                                                                 |

| Feature                             | Value                                                              |
|-------------------------------------|--------------------------------------------------------------------|
| Seals material                      | FPM<br>PTFE<br>PTFE-reinforced                                     |
| Ball material                       | High-alloy stainless steel                                         |
| Material number for ball            | 1.4408                                                             |
| Shaft material                      | High-alloy stainless steel                                         |
| Material number for shaft           | 1.4401                                                             |
| Product weight                      | 650 g                                                              |
| Explosion prevention and protection | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Corrosion resistance class (CRC)    | 3 - High corrosion stress                                          |