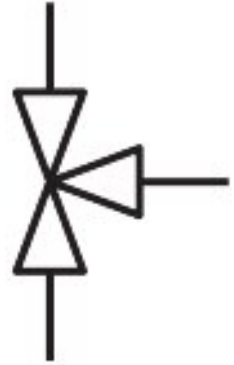


**Ball valve**  
**VZBE-1/2-T-63-F-3T-F04-M-V15V15**  
 Part number: 8096953

**FESTO**



**Data sheet**

| Feature                                                                 | Value                                                                                           |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Structural design                                                       | 3-way ball valve<br>T hole                                                                      |
| Actuation type                                                          | Mechanical                                                                                      |
| Sealing principle                                                       | Soft                                                                                            |
| Mounting position                                                       | Any                                                                                             |
| Type of mounting                                                        | In-line installation                                                                            |
| Fitting connection                                                      | 1/2 NPT                                                                                         |
| Switching position indication                                           | Slot direction = flow direction                                                                 |
| Flange hole pattern                                                     | F04                                                                                             |
| Inside diameter                                                         | 12.7 mm                                                                                         |
| Nominal width DN                                                        | 15                                                                                              |
| Valve function                                                          | 3/2                                                                                             |
| Flow direction                                                          | Reversible                                                                                      |
| Nominal pressure of fitting PN                                          | 63                                                                                              |
| Breakaway torque at differential pressure, nominal pressure, fitting PN | 9.6 Nm                                                                                          |
| Based on norm                                                           | ASME B1.20.1<br>ISO 5211                                                                        |
| 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 type T corner                                              | 2.8 m³/h                                                                                        |
| Note on materials                                                       | RoHS compliant                                                                                  |
| LABS (PWIS) conformity                                                  | VDMA24364 Zone III                                                                              |
| Housing material                                                        | Cast stainless steel                                                                            |

| Feature                             | Value                                                              |
|-------------------------------------|--------------------------------------------------------------------|
| Material number of housing          | 1,4408                                                             |
| Seat seal material                  | PTFE                                                               |
| Seals material                      | PTFE                                                               |
| Ball material                       | Cast stainless steel                                               |
| Material number for ball            | 1,4408                                                             |
| Shaft material                      | high-alloy stainless steel                                         |
| Material number for shaft           | 1,4401                                                             |
| Product weight                      | 700 g                                                              |
| Certification                       | CRN                                                                |
| 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                             |