

**Ball valve**  
**VZBC-32-FF-40-22-F0405-V4V4T**  
 Part number: 1692202

**FESTO**



**Data sheet**

| Feature                        | Value                                                                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Structural design              | 2-way ball valve                                                                                                                      |
| Actuation type                 | Mechanical                                                                                                                            |
| Sealing principle              | Soft                                                                                                                                  |
| Mounting position              | Any                                                                                                                                   |
| Type of mounting               | In-line installation                                                                                                                  |
| Fitting connection             | Ring housing with threaded flange                                                                                                     |
| Switching position indication  | Slot direction = flow direction                                                                                                       |
| Flange hole pattern            | F04<br>F05                                                                                                                            |
| Inside diameter                | 32 mm                                                                                                                                 |
| Nominal width DN               | 32                                                                                                                                    |
| Valve function                 | 2/2                                                                                                                                   |
| Manual override                | None                                                                                                                                  |
| Flow direction                 | Reversible                                                                                                                            |
| Nominal pressure of fitting PN | 40                                                                                                                                    |
| Actuating torque               | 24 Nm                                                                                                                                 |
| Based on norm                  | EN 1092-1<br>ISO 5211                                                                                                                 |
| 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                   | 105 m³/h                                                                                                                              |
| Note on materials              | RoHS compliant                                                                                                                        |
| LABS (PWIS) conformity         | VDMA24364 Zone III                                                                                                                    |

| Feature                                      | Value                                                              |
|----------------------------------------------|--------------------------------------------------------------------|
| Housing material                             | high-alloy stainless steel                                         |
| Material number of housing                   | 1,4408                                                             |
| Seals material                               | 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                               | 3700 g                                                             |
| CE marking (see declaration of conformity)   | as per EU pressure equipment directive                             |
| UKCA marking (see declaration of conformity) | according to UK regulations for pressure equipment                 |
| 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                                          |