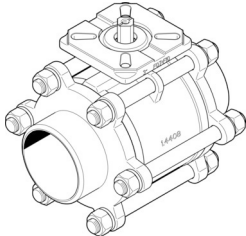


# Ball valve VZBA-3"-WW-63-T-22-F0710-V4V4T

Part number: 1686704

**FESTO**



[PDF](#) General operating condition

## Data sheet

| 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            | F07<br>F10                                                                                                                            |
| Inside diameter                | 80 mm                                                                                                                                 |
| Nominal width DN               | 80                                                                                                                                    |
| Valve function                 | 2/2                                                                                                                                   |
| Manual override                | None                                                                                                                                  |
| Flow direction                 | Reversible                                                                                                                            |
| Nominal pressure of fitting PN | 63                                                                                                                                    |
| Actuating torque               | 112 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                   | 905 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                               | 13950 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                                          |