

# Ball valve

## VZBA-1/2"-WW-63-T-22-F0304-V4V4T

Part number: 1686663

FESTO



[PDF](#) General operating condition

## Data sheet

| 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 ends/weld-on ends                                                                                                      |
| Switching position indicator | Slot direction = flow direction                                                                                                |
| Flange hole pattern          | F03<br>F04                                                                                                                     |
| Inside diameter              | 16 mm                                                                                                                          |
| Nominal size DN              | 15                                                                                                                             |
| Valve function               | 2/2                                                                                                                            |
| Manual override              | None                                                                                                                           |
| Flow direction               | Reversible                                                                                                                     |
| Nominal pressure PN          | 63                                                                                                                             |
| Actuating torque             | 10 Nm                                                                                                                          |
| Based on standard            | DIN 3202-S13<br>ISO 5211                                                                                                       |
| Symbol                       | 00991458                                                                                                                       |
| Medium                       | Compressed air to ISO 8573-1:2010 [-:~:]<br>Inert gases<br>Water – no water vapour<br>Neutral fluids<br>Other media on request |
| Media temperature            | -10 °C ... 200 °C                                                                                                              |
| Flow rate Kv                 | 19.4 m³/h                                                                                                                      |
| Note on materials            | RoHS-compliant                                                                                                                 |
| LABS (PWIS) conformity       | VDMA24364 zone III                                                                                                             |
| Material housing             | High-alloy stainless steel                                                                                                     |
| Material number housing      | 1.4408                                                                                                                         |
| Material seals               | FPM<br>PTFE<br>PTFE reinforced                                                                                                 |

| Feature                        | Value                                                              |
|--------------------------------|--------------------------------------------------------------------|
| Material ball                  | High-alloy stainless steel                                         |
| Material number ball           | 1.4408                                                             |
| Material shaft                 | High-alloy stainless steel                                         |
| Material number shaft          | 1.4401                                                             |
| Product weight                 | 650 g                                                              |
| Explosion protection           | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Corrosion resistance class CRC | 3 - high corrosion stress                                          |