

**Ball valve**  
**VZBF-11/2-P1-20-D-2-F0507-V15V15**  
Part number: 4810855

**FESTO**



**Data sheet**

 [General operating condition](#)

| 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     | Flange to ANSI B16.5 class 150  |
| Switching position indicator | Slot direction = flow direction |
| Flange hole pattern          | F0507                           |
| Inside diameter              | 38 mm                           |
| Nominal size DN              | 40                              |
| Valve function               | 2/2                             |
| Flow direction               | Reversible                      |

| Feature                                                                       | Value                                                                                        |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Nominal pressure PN                                                           | 20                                                                                           |
| Breakaway torque at differential pressure, nominal pressure, process valve PN | 30 Nm                                                                                        |
| Based on standard                                                             | ANSI B16.5 class 150<br>ISO 5211                                                             |
| Symbol                                                                        | 00991458                                                                                     |
| Medium                                                                        | Vapour<br>Compressed air to ISO 8573-1:2010 [-:::]<br>Inert gases<br>Water<br>Neutral fluids |
| Media temperature                                                             | -20 °C ... 200 °C                                                                            |
| Flow rate Kv                                                                  | 232 m³/h                                                                                     |
| Note on materials                                                             | RoHS-compliant                                                                               |
| LABS (PWIS) conformity                                                        | VDMA24364 zone III                                                                           |
| Material housing                                                              | Stainless steel casting                                                                      |
| Material number housing                                                       | 1.4408                                                                                       |
| Material seals                                                                | FPM<br>Graphite<br>PCTFE<br>PTFE                                                             |
| Material ball                                                                 | Stainless steel casting                                                                      |
| Material number ball                                                          | 1.4408                                                                                       |
| Material shaft                                                                | High-alloy stainless steel                                                                   |
| Material number shaft                                                         | 1.4401                                                                                       |
| Product weight                                                                | 5630 g                                                                                       |
| Approval                                                                      | API607<br>CRN                                                                                |
| CE mark (see declaration of conformity)                                       | In accordance with EU Pressure Equipment Directive                                           |
| Explosion protection                                                          | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX)                           |
| Corrosion resistance class CRC                                                | 4 - Very high corrosion stress                                                               |