

**Ball valve**  
**VZBF-11/2-P1-20-D-2-F0507-M-V15V15**  
Part number: 8097471

**FESTO**



**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  | 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   |
| 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   |
| 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 seat seal  | PTFE<br>PTFE, modified   |

| Feature                                 | Value  |
|---|--|
| 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                          | 6000 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                                     |