

# Ball valve VZBD-3/4-W3-16-T-2-F0304-V14V14 Part number: 4783596

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  | Weld-on end to ISO 1127  |
| Switching position indicator  | Slot direction = flow direction  |
| Flange hole pattern   | F0304  |
| Inside diameter   | 23.7 mm  |
| Nominal size DN   | 20   |
| Valve function  | 2/2  |
| Flow direction  | Reversible   |
| Nominal pressure PN   | 16   |
| Breakaway torque at differential pressure, nominal pressure, process valve PN | 9 Nm   |
| Based on standard   | ISO 1127<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  | 82 m³/h  |
| Note on materials   | RoHS-compliant   |
| LABS (PWIS) conformity  | VDMA24364 zone III   |
| Suitable for use with food  | See supplementary material information   |
| Material housing  | Stainless steel casting  |
| Material number housing   | 1.4409   |
| Material seat seal  | PTFE, modified   |

| Feature                        | Value  |
|--------------------------------|--|
| Material seals                 | FPM<br>PTFE  |
| Material ball                  | Stainless steel casting  |
| Material number ball           | 1.4409   |
| Material shaft                 | High-alloy stainless steel   |
| Material number shaft          | 1.4401   |
| Product weight                 | 930 g  |
| Approval                       | 3-A sanitary<br>CRN  |
| 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                                     |