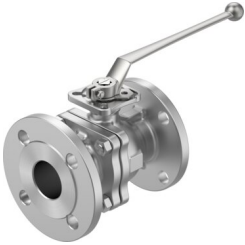


# Ball valve

## VZBF-2-P1-20-D-2-F0507-M-V15V15

Part number: 8097472

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  | Flange as per ANSI B16.5 class 150   |
| Switching position indication   | Slot direction = flow direction  |
| Flange hole pattern   | F0507  |
| Inside diameter   | 50 mm  |
| Nominal width DN  | 50   |
| Valve function  | 2/2  |
| Flow direction  | Reversible   |
| Nominal pressure of fitting PN  | 20   |
| Breakaway torque at differential pressure, nominal pressure, fitting PN | 40 Nm  |
| Based on norm   | ISO 5211   |
| Symbol  | 00991458   |
| Medium  | Vapor<br>Compressed air as per ISO 8573-1:2010 [:-:-]<br>Inert gas<br>Water<br>Neutral liquids |
| Temperature of medium   | -20 °C ... 200 °C  |
| Flow rate Kv  | 420 m³/h   |
| Note on materials   | RoHS-compliant   |
| LABS (PWIS) conformity  | VDMA24364 zone III   |
| Housing material  | Cast stainless steel   |
| Material number of housing  | 1.4408   |
| Seat seal material  | PTFE<br>PTFE, modified   |

| <b>Feature</b>                             | <b>Value</b>   |
|--|--|
| Seals material                             | FPM<br>Graphite<br>PCTFE<br>PTFE                                   |
| Ball material                              | Cast stainless steel   |
| Material number for ball                   | 1.4408   |
| Shaft material                             | High-alloy stainless steel   |
| Material number for shaft                  | 1.4401   |
| Product weight                             | 8000 g   |
| Certification                              | API607<br>CRN  |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive                             |
| Explosion prevention and protection        | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Corrosion resistance class (CRC)           | 4 - Particularly high corrosion stress                             |