

**Ball valve**  
**VZBM-3/4-RP-50-D-2-M-B2B3**  
Part number: 4405687

**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     | Rp3/4                           |
| Switching position indicator | Slot direction = flow direction |
| Inside diameter              | 20 mm                           |
| Nominal size DN              | 20                              |
| Valve function               | 2/2                             |
| Flow direction               | Reversible                      |
| Nominal pressure PN          | 50                              |

| Feature                                                                      | Value                                                                                                |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Actuating torque with pressure difference relative to nominal valve pressure | 20 Nm                                                                                                |
| Based on standard                                                            | EN 10226-1                                                                                           |
| Symbol                                                                       | 00991458                                                                                             |
| Medium                                                                       | Compressed air to ISO 8573-1:2010 [-:~:]<br>Inert gases<br>Water – no water vapour<br>Neutral fluids |
| Media temperature                                                            | -15 °C ... 120 °C                                                                                    |
| Flow rate Kv                                                                 | 28 m³/h                                                                                              |
| Note on materials                                                            | RoHS-compliant                                                                                       |
| LABS (PWIS) conformity                                                       | VDMA24364 zone III                                                                                   |
| Material housing                                                             | Brass<br>Nickel-plated                                                                               |
| Material number housing                                                      | CW617N                                                                                               |
| Material seals                                                               | NBR<br>PTFE                                                                                          |
| Material ball                                                                | Brass<br>Chrome-plated                                                                               |
| Material number ball                                                         | CW617N                                                                                               |
| Material shaft                                                               | Brass                                                                                                |
| Material number shaft                                                        | CW617N                                                                                               |
| Product weight                                                               | 335 g                                                                                                |
| Approval                                                                     | DVGW Gas<br>DVGW Water                                                                               |
| CE mark (see declaration of conformity)                                      | In accordance with EU Pressure Equipment Directive                                                   |
| Corrosion resistance class CRC                                               | 1 - Low corrosion stress                                                                             |