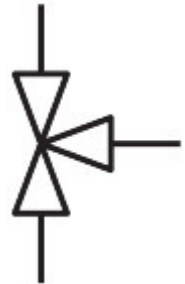


# Ball valve VZBM-3/8-RP-40-F-3T-F03-B2B3

Part number: 4451854

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                                                       | Value                                                                                                |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Design                                                                        | 3-way ball valve<br>T-hole                                                                           |
| Type of actuation                                                             | Mechanical                                                                                           |
| Sealing principle                                                             | Soft                                                                                                 |
| Mounting position                                                             | optional                                                                                             |
| Type of mounting                                                              | In-line installation                                                                                 |
| Connection Process valve                                                      | Rp3/8                                                                                                |
| Switching position indicator                                                  | Slot direction = flow direction                                                                      |
| Flange hole pattern                                                           | F03                                                                                                  |
| Inside diameter                                                               | 10 mm                                                                                                |
| Nominal size DN                                                               | 10                                                                                                   |
| Valve function                                                                | 3/2                                                                                                  |
| Flow direction                                                                | Reversible                                                                                           |
| Nominal pressure PN                                                           | 40                                                                                                   |
| Breakaway torque at differential pressure, nominal pressure, process valve PN | 6 Nm                                                                                                 |
| Based on standard                                                             | EN 10226-1<br>ISO 5211                                                                               |
| Symbol                                                                        | 00991888                                                                                             |
| Medium                                                                        | Compressed air to ISO 8573-1:2010 [-:~:]<br>Inert gases<br>Water – no water vapour<br>Neutral fluids |
| Media temperature                                                             | -20 °C ... 130 °C                                                                                    |
| Flow rate Kv T hole angled                                                    | 9.4 m³/h                                                                                             |
| Note on materials                                                             | RoHS-compliant                                                                                       |
| LABS (PWIS) conformity                                                        | VDMA24364 zone III                                                                                   |
| Material housing                                                              | Nickel-plated                                                                                        |
| Material number housing                                                       | CW617N                                                                                               |
| Material seals                                                                | HNBR<br>PTFE                                                                                         |
| Material ball                                                                 | Brass<br>Chrome-plated                                                                               |

| Feature                                 | Value                                              |
|-----------------------------------------|----------------------------------------------------|
| Material number ball                    | CW614N                                             |
| Material shaft                          | Brass                                              |
| Material number shaft                   | CW614N                                             |
| Product weight                          | 460 g                                              |
| CE mark (see declaration of conformity) | In accordance with EU Pressure Equipment Directive |
| Corrosion resistance class CRC          | 1 - Low corrosion stress                           |