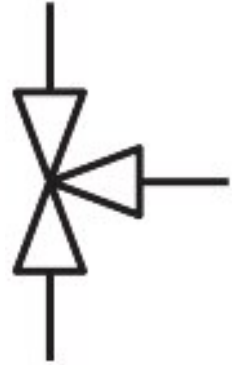


# Ball valve VZBM-1/2-RP-40-F-3T-F03-B2B3

Part number: 4451855

**FESTO**



 General operating condition

## Data sheet

| Feature                                                                 | Value                                                                                                  |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Structural design                                                       | 3-way ball valve<br>Drilled T hole                                                                     |
| Actuation type                                                          | Mechanical                                                                                             |
| Sealing principle                                                       | Soft                                                                                                   |
| Mounting position                                                       | Any                                                                                                    |
| Type of mounting                                                        | Line installation                                                                                      |
| Fitting connection                                                      | Rp1/2                                                                                                  |
| Switching position indication                                           | Slot direction = flow direction                                                                        |
| Flange hole pattern                                                     | F03                                                                                                    |
| Inside diameter                                                         | 14.1 mm                                                                                                |
| Nominal width DN                                                        | 15                                                                                                     |
| Valve function                                                          | 3/2                                                                                                    |
| Flow direction                                                          | Reversible                                                                                             |
| Nominal pressure of fitting PN                                          | 40                                                                                                     |
| Breakaway torque at differential pressure, nominal pressure, fitting PN | 6.9 Nm                                                                                                 |
| Based on norm                                                           | EN 10226-1<br>ISO 5211                                                                                 |
| Symbol                                                                  | 00991888                                                                                               |
| Medium                                                                  | Compressed air as per ISO 8573-1:2010 [-:~:]<br>Inert gas<br>Water – no water vapor<br>Neutral liquids |
| Temperature of medium                                                   | -20 °C ... 130 °C                                                                                      |
| Flow rate Kv type T corner                                              | 17 m³/h                                                                                                |
| Note on materials                                                       | RoHS-compliant                                                                                         |
| LABS (PWIS) conformity                                                  | VDMA24364 zone III                                                                                     |
| Housing material                                                        | Nickel-plated                                                                                          |
| Material number of housing                                              | CW617N                                                                                                 |
| Seals material                                                          | HNBR<br>PTFE                                                                                           |

| Feature                                    | Value                                  |
|--------------------------------------------|----------------------------------------|
| Ball material                              | Brass<br>Chrome-plated                 |
| Material number for ball                   | CW614N                                 |
| Shaft material                             | Brass                                  |
| Material number for shaft                  | CW614N                                 |
| Product weight                             | 460 g                                  |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive |
| Corrosion resistance class (CRC)           | 1 - Low corrosion stress               |