

# Ball valve VZBM-11/4-RP-40-F-3T-F0405-B2B3

Part number: 4451858

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Structural design   | Drilled T hole  |
| Actuation type  | Mechanical  |
| Sealing principle   | Soft  |
| Mounting position   | Any   |
| Type of mounting  | Line installation   |
| Fitting connection  | Rp1 1/4   |
| Switching position indication   | Slot direction = flow direction   |
| Flange hole pattern   | F04<br>F05  |
| Inside diameter   | 32 mm   |
| Nominal width DN  | 32  |
| Valve function  | 3/2   |
| Flow direction  | Reversible  |
| Nominal pressure of fitting PN  | 40  |
| Breakaway torque at differential pressure, nominal pressure, fitting PN | 16.7 Nm   |
| Based on norm   | 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  | 121 m <sup>3</sup> /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  |

| <b>Feature</b>                             | <b>Value</b>                           |
|--|--|
| Ball material                              | Brass<br>Chrome-plated                 |
| Material number for ball                   | CW614N                                 |
| Shaft material                             | Brass                                  |
| Material number for shaft                  | CW614N                                 |
| Product weight                             | 2930 g                                 |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive |
| Corrosion resistance class (CRC)           | 1 - Low corrosion stress               |