


# Ball valve VZBM-2-RP-25-F-3L-F05-B2B3

Part number: 4451865

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Structural design   | 3-way ball valve<br>Drilled L hole   |
| Actuation type  | Mechanical   |
| Sealing principle   | Soft   |
| Mounting position   | Any  |
| Type of mounting  | Line installation  |
| Fitting connection  | Rp2  |
| Switching position indication   | Slot direction = flow direction  |
| Flange hole pattern   | F05  |
| Inside diameter   | 45 mm  |
| Nominal width DN  | 50   |
| Valve function  | 3/2  |
| Flow direction  | Reversible   |
| Nominal pressure of fitting PN  | 25   |
| Breakaway torque at differential pressure, nominal pressure, fitting PN | 36 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 L   | 292 m <sup>3</sup> /h  |
| Note on materials   | RoHS-compliant   |
| LABS (PWIS) conformity  | VDMA24364 zone III   |
| Housing material  | Brass<br>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                             | 4470 g                                 |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive |
| Corrosion resistance class (CRC)           | 1 - Low corrosion stress               |