

**Ball valve**  
**VAPB-1 1/2-F-25-F0405**  
 Part number: 534308

**FESTO**



## Data sheet

| 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                                                      | Rp1 1/2                                                                            |
| Switching position indicator                                                  | Slot direction = flow direction                                                    |
| Flange hole pattern                                                           | F04<br>F05                                                                         |
| Inside diameter                                                               | 40 mm                                                                              |
| Nominal size DN                                                               | 40                                                                                 |
| Valve function                                                                | 2/2                                                                                |
| Flow direction                                                                | Reversible                                                                         |
| Nominal pressure PN                                                           | 25                                                                                 |
| Breakaway torque at differential pressure, nominal pressure, process valve PN | 19 Nm                                                                              |
| Break-away torque at a differential pressure of 1 MPa (10 bar, 145 psi)       | 14.9 Nm                                                                            |
| Based on standard                                                             | ISO 5211                                                                           |
| Medium                                                                        | Compressed air to ISO 8573-1:2010 [-:~:]<br>Inert gases<br>Water<br>Neutral fluids |
| Media temperature                                                             | -20 °C...150 °C                                                                    |
| Flow rate Kv                                                                  | 200 m³/h                                                                           |
| Note on materials                                                             | RoHS-compliant                                                                     |
| LABS (PWIS) conformity                                                        | VDMA24364 zone III                                                                 |
| Material housing                                                              | Brass, nickel-plated                                                               |
| Material number housing                                                       | 2.0402<br>CW617N                                                                   |
| Material seat seal                                                            | PTFE                                                                               |

| Feature                        | Value                       |
|--------------------------------|-----------------------------|
| Material seals                 | HNBR<br>PTFE                |
| Material ball                  | Brass<br>Hard-chrome-plated |
| Material number ball           | 2.0402<br>CW617N            |
| Material shaft                 | Brass                       |
| Material number shaft          | 2.0401<br>CW614N            |
| Product weight                 | 1900 g                      |
| Corrosion resistance class CRC | 1 - Low corrosion stress    |