

Ball valve VAPB-2-F-25-F05

Part number: 534309

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|---|---|
| Design | 2-way ball valve |
| Type of actuation | Mechanical |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of mounting | Inline installation |
| Connection Process valve | Rp2 |
| Switching position indicator | Slot direction = flow direction |
| Flange hole pattern | F05 |
| Inside diameter | 50 mm |
| Nominal size DN | 50 |
| Valve function | 2/2 |
| Flow direction | Reversible |
| Nominal pressure PN | 25 |
| Breakaway torque at differential pressure, nominal pressure, process valve PN | 29 Nm |
| Break-away torque at a differential pressure of 1 MPa (10 bar, 145 psi) | 22 Nm |
| Based on standard | ISO 5211 |
| Symbol | 00991458 |
| Medium | Compressed air to ISO 8573-1:2010 [-:-:-] Inert gases Water Neutral fluids |
| Media temperature | -20 °C ... 150 °C |
| Flow rate Kv | 292 m ³ /h |
| Note on materials | RoHS compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Material housing | Brass, nickel-plated |
| Material number housing | 2,0402 CW617N |
| Material seat seal | PTFE |

| Feature | Value |
|--------------------------------|-----------------------------|
| Material seals | HNBR PTFE |
| Material ball | Brass Hard chrome-plated |
| Material number ball | 2,0402 CW617N |
| Material shaft | Brass |
| Material number shaft | 2,0401 CW614N |
| Product weight | 3100 g |
| Corrosion resistance class CRC | 1 - Low corrosion stress |