

Ball valve
VZBE-4-WA-63-T-2-F1012-V15V15
 Part number: 8089048

FESTO



Data sheet

| Feature | Value |
|---|---|
| Structural design | 2-way ball valve |
| Actuation type | Mechanical |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of mounting | Line installation |
| Fitting connection | Weld-on end according to ASME B16.11 |
| Switching position indication | Slot direction = flow direction |
| Flange hole pattern | F10 F12 |
| Inside diameter | 96 mm |
| Nominal width DN | 100 |
| Valve function | 2/2 |
| Flow direction | Reversible |
| Nominal pressure of fitting PN | 63 |
| Breakaway torque at differential pressure, nominal pressure, fitting PN | 138 Nm |
| Based on norm | ASME B16.11 ISO 5211 |
| Medium | Vapor Compressed air as per ISO 8573-1:2010 [·:·:·] Inert gas Water Neutral liquids |
| Temperature of medium | -20 °C...200 °C |
| Flow rate Kv | 1637 m³/h |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Housing material | Cast stainless steel |
| Material number of housing | 1.4408/CF8M |
| Seat seal material | PTFE, modified |

| Feature | Value |
|--|--|
| Seals material | FPM PTFE |
| Ball material | Cast stainless steel |
| Material number for ball | 1.4408/CF8M |
| Shaft material | High-alloy stainless steel |
| Material number for shaft | 1.4401 |
| Product weight | 18900 g |
| Certification | CRN |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Corrosion resistance class (CRC) | 4 - Particularly high corrosion stress |