

Ball valve actuator unit

VZBA-2"-WW-63-T-22-F0507-V4V4T-PS90-R-90-4-C

FESTO

Part number: 1774110



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Structural design | 2-way ball valve Quarter turn actuator |
| Actuation type | Pneumatic |
| Mounting position | Any |
| Type of mounting | Line installation |
| Fitting connection | Weld-on ends/weld-on ends |
| Switching position indication | Slot direction = flow direction |
| Nominal width DN | 50 |
| Operating pressure | 6 bar ... 8.4 bar |
| Nominal pressure of fitting PN | 63 |
| Symbol | 00992011 |
| Medium | Compressed air as per ISO 8573-1:2010 [-:-:-] Inert gas Water – no water vapor Neutral liquids |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Temperature of medium | -10 °C ... 200 °C |
| Ambient temperature | -10 °C ... 80 °C |
| Flow rate Kv | 275 m ³ /h |
| Max. surface temperature of assembly | TX |
| Explosion group of assembly | IIC, IIIC |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Housing material | High-alloy stainless steel |
| Material number of housing | 1.4408 |
| Seals material | PTFE PTFE-reinforced |
| Ball material | High-alloy stainless steel |
| Material number for ball | 1.4408 |
| Shaft material | High-alloy stainless steel |
| Material number for shaft | 1.4401 |
| Product weight | 10000 g |

| Feature | Value |
|-------------------------------------|--|
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Explosive ambient temperature | -10°C ≤ Ta ≤ +60°C |
| Corrosion resistance class (CRC) | 3 - High corrosion stress |