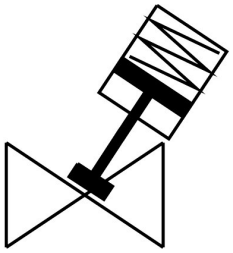
# Angle seat valve
# VZXA-B-TS6-25-M2-V13T-8.3-K-46-17-V4

Part number: 8060530





## Data sheet

| Feature | Value |
|---|---|
| Structural design | Poppet valve with piston actuator |
| Actuation type | Pneumatic |
| Mounting position | Any |
| Type of mounting | In-line installation |
| Cable connection | Threaded sleeve G1 as per DIN ISO 228 |
| Valve function | 2/2 |
| Flow direction | Non-reversible<br>Under valve seat, for gaseous and liquid media |
| Medium pressure | 0 MPa...0.83 MPa<br>0 bar...8.3 bar |
| Reset method | Mechanical spring |
| Type of control | Externally controlled |
| Pneumatic connection | Internal thread G1/8 |
| Operating pressure | 0.5 MPa...1 MPa<br>5 bar...10 bar<br>72.5 psi...145 psi |
| Medium | Vapor<br>Hydraulic fluid based on mineral oil<br>Inert gas<br>Mineral oil<br>Water<br>Filtered compressed air, 200 µm filter mesh<br>Neutral liquids |
| Control of the medium | On/off operation |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Max. viscosity | 600 mm²/s |
| Temperature of medium | -10 °C...180 °C |
| Ambient temperature | 0 °C...60 °C |
| Flow rate Kv | 20.3 m³/h |
| Use in exterior area | Weather-protected locations class C1 based on IEC 60654-1 |
| Note on materials | RoHS compliant |
| LABS (PWIS) conformity | VDMA24364 Zone III |

| Feature | Value |
|---|---|
| Valve housing material | Cast stainless steel |
| Material number, fitting housing | 1,4409 |
| Seals material | FPM |
| Spindle seal material | PTFE |
| Seat seal material | PTFE |
| Product weight | 2150 g |
| Certification | CRN |
| Explosion prevention and protection | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Certificate issuing authority | TÜV 968/V 1039.01/20 |
| Safety integrity level (SIL) | SIL 2 |
| PFH | 1.36E-07 |
| PFD | 0.000595 |
| Actuator size | 46 mm |
| Stroke | 17 mm |
| Control function | Closed by spring force, NC |
| Position sensing | With mechanical indicator |
| Drive housing material | Cast stainless steel |
| Material number, drive housing | 1,4408 |
| Storage temperature | -10 °C...60 °C |
| Degree of protection | IP65<br>IP67 |
| Piston rod material | high-alloy stainless steel |
| Cover material | Cast stainless steel |