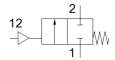
Angle seat valve VZXF-L-M22C-M-A-N2-450-M1-V4B2T-50-4 Part number: 3540143



Pneumatically actuated angle seat valve in stainless steel. Over seat version, safety position closed, NPT-thread, nominal width 2".





Data sheet

| Feature | Value |
|--|--|
| Design structure | Poppet valve with piston actuator |
| Type of actuation | pneumatic |
| Sealing principle | soft |
| Assembly position | Any |
| Mounting type | Line installation |
| Line connection | Threaded coupling 2 NPT to ANSI/ASME B 1.20.1 |
| Nominal size | 45 mm |
| Valve function | 2/2 closed, monostable |
| Flow direction | non reversible |
| Pressure of medium | 0 0.4 MPa |
| Medium pressure | 0 4 bar |
| Nominal pressure of process valve | 40 |
| Exhaust-air function | not throttleable |
| Type of reset | mechanical spring |
| Type of piloting | With external control |
| Pneumatic connection | Female thread G1/8 |
| Operating pressure MPa | 0.6 1 MPa |
| Working pressure | 6 10 bar |
| Operating pressure | 87 145 psi |
| Medium | Vapour |
| | Inert gases |
| | Filtered compressed air, degree of filtration 200 μm |
| Flow direction | Above valve seat, for gaseous media |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Max. viscosity | 600 mm2/s |
| Medium temperature | -40 200 °C |
| Ambient temperature | -10 60 °C |
| Flow rate Kv | 34.5 m3/h |
| Materials note | Conforms to RoHS |
| PWIS conformity | VDMA24364 zone III |
| Material process valve housing | Stainless steel casting |
| Material number, process valve housing | 1.4408 |
| Material spindle seal | PTFE |
| Material seat seal | PTFE |
| Product weight | 3,500 g |
| CE symbol (see declaration of conformity) | according to EU printing device guideline |
| UKCA marking (see declaration of conformity) | UK regulation for pressure equipment |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Material drive housing | Nickel-plated brass |