

# angle seat valve

## VZXF-L-M22C-M-B-G1-230-M1-H3ALT-80-16

Part number: 3540768

FESTO

Pneumatically actuated angle seat valve in red brass. Under seat version, safety position closed, G thread, nominal width 1".



### 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                         | G1 threaded collar to DIN ISO 228  |
| Nominal size                            | 23 mm  |
| Valve function                          | 2/2 closed, monostable   |
| Flow direction                          | non reversible   |
| Pressure of medium                      | 0 ... 1.6 MPa  |
| Medium pressure                         | 0 ... 16 bar   |
| Nominal pressure of process valve       | 16   |
| 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  |
| Operating pressure                      | 6 ... 10 bar<br>87 ... 145 psi   |
| Medium                                  | Vapour<br>Mineral oil-based hydraulic oil<br>Inert gases<br>Mineral oil<br>Water<br>Filtered compressed air, degree of filtration 200 µm<br>Neutral fluids |
| Flow direction                          | Below valve seat, for gaseous and liquid media   |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]   |
| Max. viscosity                          | 600 mm <sup>2</sup> /s   |
| Medium temperature                      | -40 ... 200 °C   |
| Ambient temperature                     | -10 ... 60 °C  |
| Flow rate Kv                            | 14.5 m <sup>3</sup> /h   |
| Materials note                          | Conforms to RoHS   |
| PWIS conformity                         | VDMA24364 zone III   |
| Material process valve housing          | Gunmetal (red brass)   |
| Material number, process valve housing  | CC499K   |
| Material spindle seal                   | PTFE   |
| Material seat seal                      | PTFE   |
| Product weight                          | 2,000 g  |
| Corrosion resistance classification CRC | 0 - No corrosion stress  |
| Material drive housing                  | Aluminium  |