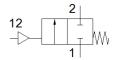
## angle seat valve VZXF-L-M22C-M-A-G2-430-H3ALV-80-V Part number: 3540796



Pneumatically actuated angle seat valve in red brass. Over seat version, safety position closed, G thread, vacuum, nominal width  $2^{\circ}$ .





## **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                         | G2 threaded collar to DIN ISO 228                        |
| Nominal size                            | 43 mm                                                    |
| Valve function                          | 2/2 closed, monostable                                   |
| Flow direction                          | non reversible                                           |
| Pressure of medium                      | -0.09 0 MPa                                              |
| Medium pressure                         | -0.9 0 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                                                 |
|                                         | 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                      | -10 80 °C                                                |
| Ambient temperature                     | -10 60 °C                                                |
| Flow rate Kv                            | 40 m3/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                   | FPM                                                      |
| Material seat seal                      | FPM                                                      |
| Product weight                          | 2,900 g                                                  |
| Corrosion resistance classification CRC | 0 - No corrosion stress                                  |
| Material drive housing                  | Aluminium                                                |