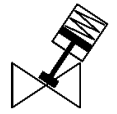
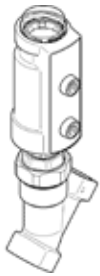


# angle seat valve

## VZXA-B-TS7-3/4"-M2-B1T-12.8-K-46-17-PM

Part number: 8111605

FESTO



### Data sheet

| Feature                                | Value  |
|--|--|
| Design structure                       | Poppet valve with piston actuator  |
| Type of actuation                      | pneumatic  |
| Assembly position                      | Any  |
| Mounting type                          | Line installation  |
| Line connection                        | Threaded coupling 3/4 NPT to ANSI/ASME B 1.20.1  |
| Valve function                         | 2/2  |
| Flow direction                         | non reversible   |
| Pressure of medium                     | 0 ... 1.28 MPa   |
| Medium pressure                        | 0 ... 12.8 bar   |
| Type of reset                          | mechanical spring  |
| Type of piloting                       | With external control  |
| Pneumatic connection                   | Female thread G1/8   |
| Operating pressure MPa                 | 0.5 ... 0.7 MPa  |
| Operating pressure                     | 5 ... 7 bar<br>72.5 ... 101.5 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   |
| Control of the medium                  | On/off operation   |
| Operating medium                       | Compressed air in accordance with ISO8573-1:2010 [7:4:4]   |
| Max. viscosity                         | 600 mm <sup>2</sup> /s   |
| Medium temperature                     | -10 ... 180 °C   |
| Ambient temperature                    | 0 ... 60 °C  |
| Flow rate Kv                           | 11.1 m <sup>3</sup> /h   |
| Outdoor use                            | C1 - weather protected locations of use  |
| Materials note                         | Conforms to RoHS   |
| PWIS conformity                        | VDMA24364 zone III   |
| Material process valve housing         | Brass  |
| Material number, process valve housing | CW724R   |
| Material seals                         | FPM  |
| Material spindle seal                  | PTFE   |
| Material seat seal                     | PTFE   |
| Product weight                         | 1,257 g  |
| Actuator size                          | 46 mm  |
| Stroke                                 | 17 mm  |
| Control function                       | Closed via spring force, NC  |
| Position detection                     | With mechanical indicator  |
| Material drive housing                 | PA-reinforced  |
| Storage temperature                    | -10 ... 60 °C  |
| Protection class                       | IP65<br>IP67   |
| Material piston rod                    | High alloy steel, non-corrosive  |
| Material cover                         | PA-reinforced  |