

# Angle seat valve

## VZXA-B-TS7-1"-M2-B1T-8.3-K-46-17-PM

Part number: 8111607

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 1 NPT to ANSI/ASME B 1.20.1
Valve function	2/2
Flow direction	non reversible
Pressure of medium	0 ... 0.83 MPa
Medium pressure	0 ... 8.3 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
Working pressure	5 ... 7 bar
Operating pressure	72.5 ... 101.5 psi
Medium	Vapour Mineral oil-based hydraulic oil Inert gases Mineral oil Water Filtered compressed air, degree of filtration 200 µm 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	15.9 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	1,486 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 IP67
Material piston rod	High alloy steel, non-corrosive
Material cover	PA-reinforced