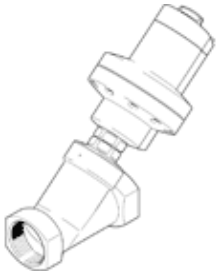
angle seat valve
VZXA-A-TS7-1 1/2"-M2-V14T-16-M-90-26-PR-V4

Part number: 8060524

FESTO

Modular, pneumatically actuated angle seat valve in stainless steel.
Over seat version, safety position closed, NPT thread, nominal width 1 1/2".



Data sheet

Feature	Value
Design structure	Poppet valve with diaphragm actuator
Type of actuation	pneumatic
Assembly position	Any
Mounting type	Line installation
Line connection	Threaded coupling 1 1/2 NPT to ANSI/ASME B 1.20.1
Valve function	2/2
Flow direction	non reversible
Medium pressure	0 ... 16 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
Operating pressure [psi]	72.5 ... 101.5 psi
Medium	Vapour Inert gases Filtered compressed air, degree of filtration 200 µm
Flow direction	Above valve seat, for gaseous media
Control of the medium	On/off operation
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Max. viscosity	600 mm2/s
Medium temperature	-10 ... 180 °C
Ambient temperature	0 ... 60 °C
Flow rate Kv	47.4 m3/h
Materials note	Contains PWIS substances Conforms to RoHS
Material process valve housing	Stainless steel casting
Material number, process valve housing	ASTM A351-CF3M
Material seals	NBR
Material spindle seal	PTFE
Material seat seal	PTFE
Product weight	7,275 g
Authorisation	CRN
CE mark (see declaration of conformity)	to EU directive for machinery
Certificate issuing department	CRN0C20829.5C TÜV 968/V 1039.00/18
Safety Integrity Level (SIL)	SIL 2
Probability of Failure per Hour in [1/h].	1.36E-07
PFD (Probability of Failure on Demand)	5.95E-04
Actuator size	90 mm
Stroke	26 mm
Control function	Closed via reduced spring force, NC
Position detection	With mechanical indicator

Feature	Value
Material drive housing	Stainless steel casting
Material number, actuator housing	1.4408
Storage temperature	-10 ... 60 °C
Protection class	IP65 IP67 IP69K
Material piston rod	High alloy steel, non-corrosive
Material cover	Stainless steel casting