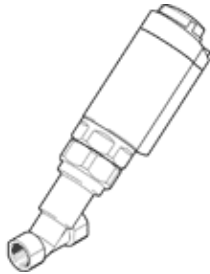# angle seat valve
VZXA-B-TS6-25-M2-V13T-8.3-K-46-17-V4
Part number: 8060530
★ Core product range

Modular, pneumatically actuated angle seat valve in stainless steel.
Under seat version, safety positon closed, G thread, nominal width DN25.

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	G1 threaded collar to DIN ISO 228
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 … 1 MPa
Operating pressure	5 … 10 bar 72.5 … 145 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 mm2/s
Medium temperature	-10 … 180 °C
Ambient temperature	0 … 60 °C
Flow rate Kv	20.3 m3/h
Outdoor use	C1 - weather protected locations of use
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III
Material process valve housing	Stainless steel casting
Material number, process valve housing	1.4409
Material seals	FPM
Material spindle seal	PTFE
Material seat seal	PTFE
Product weight	2,150 g
Authorisation	CRN
Certificate issuing department	TÜV 968/V 1039.01/20
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

Feature	Value
Actuator size	46 mm
Stroke	17 mm
Control function	Closed via spring force, NC
Position detection	With mechanical indicator
Material drive housing	Stainless steel casting
Material number, actuator housing	1.4408
Storage temperature	-10 ... 60 °C
Protection class	IP65 IP67
Material piston rod	High alloy steel, non-corrosive
Material cover	Stainless steel casting