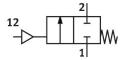
Angle seat valve VZXF-L-M22C-M-B-G1-230-H3B1V-50-10-C

FESTO

Part number: 3539248





Data sheet

Type of actuation Pneumatic Sealing principle Soft Mounting position optional Trype of mounting In-line installation Line connection Threaded coupling G1 to DIN ISO 228 Nominal size 23 mm Valve function 2/2-way, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa1 MPa 0 bar Nominal pressure PN 16 Exhaust-air function Without flow control option Type of reset Mechanical spring Type of piloting Externally controlled Pneumatic connection Female thread G1/8 Operating pressure 0.6 MPa1 MPa 6 bar10 bar 87 psi145 psi Medium Vapour Mineral oil-based hydraulic fluid Inert gases Mineral oil Water Filtered compressed air, grade of filtration 200 µm Neutral fluids Direction of flow Below valve seat, for gaseous and liquid media Operating medium Compressed air Iso So 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Media temperature -10 °C60 °C Hona tate Kv 9.6 m³/h Note on materials RoHS-compliant	Feature	Value
Sealing principle Soft Mounting position Optional In-line installation In-line installation In-line installation Threaded coupling G1 to DIN ISO 228 Nominal size 23 mm Valve function 2/2-way, closed, monostable Flow direction Non-reversible Medium pressure O MPa1 MPa O bar10 bar Nominal pressure PN 16 Exhaust-air function Without flow control option Type of piloting Externally controlled Penumatic connection Operating pressure O MPa1 MPa O bar Sy psi145 psi Medium Water Filtered compressed air, grade of filtration 200 µm Neutral fluids Direction of flow Below valve seat, for gaseous and liquid media Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Max. viscosity Max. viscosity Media temperature -10 °C80 °C Ambient temperature -10 °C80 °C Ambient temperature -10 °C80 °C Flow rate KV 9.6 m³/h Note commaterials	Design	Poppet valve with piston drive
Mounting position Type of mounting In-line installation Threaded coupling G1 to DIN ISO 228 Nominal size 23 mm Valve function 2/2-way, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa1 MPa 0 bar1 o bar Nominal pressure PN 16 Exhaust-air function Without flow control option Type of reset Mechanical spring Type of piloting Externally controlled Pneumatic connection Pemale thread G1/8 Operating pressure 0 .6 MPa1 MPa 6 bar1 o bar 8 7 psi145 psi Medium Mineral oil-based hydraulic fluid Inert gases Mineral oil Water Filtered compressed air, grade of filtration 200 μm Neutral fluids Direction of flow Below valve seat, for gaseous and liquid media Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Max. viscosity Max. viscosity Hedia temperature 1.10 °C80 °C Anhient temperature 1.10 °C80 °C Anhient temperature 1.10 °C80 °C Filow rate Kv 9.6 m²/h Note on materials	Type of actuation	Pneumatic
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Line connection Threaded coupling G1 to DIN ISO 228 Nominal size 23 mm 2/2-way, closed, monostable Rlow direction Non-reversible Medium pressure 0 MPa1 MPa 0 bar10 bar Nominal pressure PN 16 Exhaust-air function Without flow control option Type of reset Mechanical spring Type of piloting Externally controlled Pheumatic connection Operating pressure 0.6 MPa1 MPa 6 bar10 bar 87 psi145 psi Medium Vapour Mineral oil-based hydraulic fluid lnert gases Mineral oil Water Filtered compressed air, grade of filtration 200 µm Neutral fluids Direction of flow Below valve seat, for gaseous and liquid media Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Max. viscosity Media temperature - 10 °C80 °C Ambient temperature - 10 °C60 °C Flow rate Kv - 9.6 m²/h Note on materials	Mounting position	optional
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Medium pressure O MPa1 MPa O bar10 bar Nominal pressure PN 16 Exhaust-air function Without flow control option Type of reset Mechanical spring Type of piloting Externally controlled Pneumatic connection Operating pressure O MPa1 MPa 6 bar10 bar 87 psi145 psi Medium Vapour Mineral oil-based hydraulic fluid Inert gases Mineral oil Water Filtered compressed air, grade of filtration 200 µm Neutral fluids Direction of flow Departing medium Compressed air to ISO 8573-1:2010 [7:4:4] Max. viscosity Media temperature Ambient temperature -10 °C80 °C Ambient temperature -10 °C60 °C 9.6 m³/h Note on materials RoHS-compliant	Valve function	2/2-way, closed, monostable
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Type of reset Mechanical spring Externally controlled Pneumatic connection Female thread G1/8 Operating pressure O.6 MPa1 MPa 6 bar10 bar 87 psi145 psi Medium Vapour Mineral oil-based hydraulic fluid Inert gases Mineral oil Water Filtered compressed air, grade of filtration 200 μm Neutral fluids Direction of flow Departing medium Compressed air to ISO 8573-1:2010 [7:4:4] Max. viscosity Media temperature -10 °C80 °C Ambient temperature -10 °C60 °C Flow rate Kv 9.6 m³/h Note on materials	Nominal pressure PN	16
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6 bar10 bar 87 psi145 psi Medium Vapour Mineral oil-based hydraulic fluid Inert gases Mineral oil Water Filtered compressed air, grade of filtration 200 μm Neutral fluids Direction of flow Below valve seat, for gaseous and liquid media Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Media temperature -10 °C80 °C Ambient temperature -10 °C60 °C Flow rate Kv 9.6 m³/h Note on materials	Pneumatic connection	Female thread G1/8
Mineral oil-based hydraulic fluid Inert gases Mineral oil Water Filtered compressed air, grade of filtration 200 μm Neutral fluids Direction of flow Below valve seat, for gaseous and liquid media Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Media temperature -10 °C80 °C Ambient temperature -10 °C60 °C Flow rate Kv 9.6 m³/h Note on materials RoHS-compliant	Operating pressure	6 bar10 bar
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Max. viscosity 600 mm²/s Media temperature -10 °C80 °C Ambient temperature -10 °C60 °C Flow rate Kv 9.6 m³/h Note on materials ROHS-compliant	Direction of flow	Below valve seat, for gaseous and liquid media
Media temperature -10 °C80 °C -Ambient temperature -10 °C60 °C Flow rate Kv 9.6 m³/h Note on materials ROHS-compliant	Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature -10 °C60 °C Flow rate Kv 9.6 m³/h Note on materials RoHS-compliant	Max. viscosity	600 mm²/s
Flow rate Kv 9.6 m³/h Note on materials RoHS-compliant	Media temperature	-10 °C80 °C
Note on materials RoHS-compliant	Ambient temperature	-10 °C60 °C
	Flow rate Kv	9.6 m³/h
LABS (PWIS) conformity VDMA24364-B1/B2-L	Note on materials	RoHS-compliant
	LABS (PWIS) conformity	VDMA24364-B1/B2-L

Feature	Value
Material process valve housing	Gunmetal (red brass)
Material number process valve housing	CC499K
Material spindle seal	FPM
Material seat seal	FPM
Product weight	1500 g
Corrosion resistance class CRC	1 - Low corrosion stress
Material drive housing	Brass