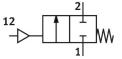
Angle seat valve VZXF-L-M22C-M-B-G112-350-H3B1V-50-6-C

FESTO

Part number: 3539368





Data sheet

Type of actuation Pneumatic Sealing principle Soft Mounting position Type of mounting In-line installation Threaded coupling G1 1/2 to DIN ISO 228 Nominal size 35 mm Valve function 2/2-way, closed, monostable Nominal size 35 mm Valve function Non-reversible Medium pressure 0 MPa0.6 MPa 0 bar6 bar Nominal pressure N 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 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 °C60 °C Hols, and Ind For Soft Pose Compliant Note on materials RoHS-compliant	Feature	Value
Sealing principle Soft Mounting position Optional Irype of mounting In-line installation Nominal size 35 mm Valve function Non-reversible Medium pressure O MPa0.6 MPa O bar6 bar Mechanical spring Externally controlled Prewartic connection Operating pressure Medium Medium Mediate mperature Direction of flow Description Direction of flow Mediate meperature Inperatic connection Description Direction of flow Description Descrip	Design	Poppet valve with piston drive
Mounting position Type of mounting In-line installation Threaded coupling G1 1/2 to DIN ISO 228 Nominal size 35 mm Valve function 2/2-way, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa0.6 MPa 0 bar6 bar Nominal pressure PN 16 Exhaust-air function Without flow control option Type of reset Mechanical spring Type of piloting Externally controlled Preumatic connection Female thread G1/8 Operating pressure 0.6 MPa1 MPa 6 bar10 bar 87 psi145 psi Medium Wigner Wign	Type of actuation	Pneumatic
In-line installation Line connection Threaded coupling G1 1/2 to DIN ISO 228 Nominal size 35 mm 2/2-way, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa 0. 6 MPa 0 bar 6 bar Nominal pressure PN 16 Exhaust-air function Without flow control option Type of Pioliting Preumatic connection Operating pressure 0.6 MPa 1 MPa 6 bar 10 bar 87 psi 145 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 Media temperature -10 °C 80 °C Ambient temperature 10 °C 60 °C Flow rate Kv 16.5 m³/h Note on materials	Sealing principle	Soft
Threaded coupling G1 1/2 to DIN ISO 228 Nominal size 35 mm 2/2-way, closed, monostable Non-reversible Medium pressure 0 MPa0.6 MPa 0 bar6 bar Nominal pressure PN 16 Exhaust-air function Type of reset Mechanical spring Externally controlled Peneumatic connection 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 Departing medium Compressed air to ISO 8573-1:2010 [7:4:4] Max. viscosity Media temperature -10 °C80 °C Ambient temperature 1-10 °C60 °C Flow rate Kv 16.5 m³/h Note on materials	Mounting position	optional
Nominal size Valve function 2/2-way, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa0.6 MPa 0 bar6 bar Nominal pressure PN 16 Exhaust-air function Without flow control option Type of reset Mechanical spring Type of piloting Externally controlled Peneumatic connection 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 Deparating medium Compressed air to ISO 8573-1:2010 [7:4:4] Max. viscosity Media temperature -10 °C60 °C Flow rate Kv 16.5 m³/h Note on materials	Type of mounting	In-line installation
Valve function 2/2-way, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa0.6 MPa 0 bar6 bar Nominal pressure PN 16 Exhaust-air function Without flow control option Type of piloting Externally controlled Pneumatic connection Female thread 61/8 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 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 16.5 m²/h Note on materials	Line connection	Threaded coupling G1 1/2 to DIN ISO 228
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Mechanical spring Type of piloting Externally controlled Pneumatic connection 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 16.5 m³/h Note on materials	Nominal pressure PN	16
Type of piloting Externally controlled Female thread G1/8 Operating pressure One of MPa1 MPa Supar	Exhaust-air function	Without flow control option
Pheumatic connection Female thread G1/8 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 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 16.5 m³/h Note on materials	Type of reset	Mechanical spring
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 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 16.5 m³/h Note on materials RoHS-compliant	Type of piloting	Externally controlled
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 16.5 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 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 16.5 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 16.5 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 16.5 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 16.5 m³/h Note on materials RoHS-compliant	Max. viscosity	600 mm ² /s
Flow rate Kv 16.5 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	16.5 m ³ /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	2300 g
CE mark (see declaration of conformity)	In accordance with EU Pressure Equipment Directive
UKCA marking (see declaration of conformity)	to UK Pressure Equipment Regulations
Corrosion resistance class CRC	1 - Low corrosion stress
Material drive housing	Brass