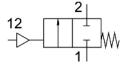
Angle seat valve VZXF-L-M22C-M-B-N12-130-M1-V4V4T-50-40 Part number: 1002546

FESTO





Actuation type Pneumatic Sealing principle Soft Mounting position Any Type of mounting Line installation Cable connection Threaded sleeve 1/2 NPT as per ANSI/ASME B 1.20.1 Nominal width 13 mm Valve function 2/2, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa 4 MPa Medium pressure 0 Dar 40 Dar Nominal pressure 0 Joar 40 Dar Nominal pressure of fitting PN Exhaust air function Without flow control option Reset method Mechanical spring Externally controlled Pneumatic connection Internal thread G1/8 Operating pressure 0 AMPa 1 MPa Operating pressure 6 Dar 10 Dar Operating pressure 87 psi 145 psi Symbol 00991367 Weddium Vapor Hydraulic fluid based on mineral oil Inertigas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Flow darection 1-0°C 60°C Flow tate Kv Ambient temperature 1-0°C 60°C Flow tate Kv Ambient temperature 1-0°C 60°C Ambient temperature 1-0°C 60°C How and the seate of the	Feature	Value
Sealing principle Soft Mounting position Any Type of mounting Meetang pressure Operating	Structural design	Poppet valve with piston actuator
Mounting position Type of mounting Line installation Threaded sleeve 1/2 NPT as per ANSI/ASME B 1.20.1 Nominal width 13 mm Valve function 2/2, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa 4 MPa Medium pressure 0 Dear 40 Dear Nominal pressure of fitting PN 40 Exhaust air function Without flow control option Reset method Mechanical spring Type of control Externally controlled Pheumatic connection Internal thread G1/8 Operating pressure 6 Dear 10 Dear Operating pressure 87 psi 145 psi Symbol Operating pressure 87 psi 145 psi Water Filtered compressed air, 200 µm filter mesh Neutral liquids Hodium Water Filtered compressed air, 200 µm filter mesh Neutral liquids Max. viscosity 600 mm²/s Temperature of medium Averanties Flow direction Ams. viscosity 600 mm²/s Temperature of medium Averanties Flow and Park Averanties Robs Compliant Volve Compressed air as per ISO 8573-1:2010 [7:4:4] Ams. viscosity Flow and Park Averanties Robs Compliant Volve Compressed air as Per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow materials Robs Compliant Volve Averanties Robs Compliant Volve Averanties Robs Compliant Volve Averanties Robs Compliant Volve Nousing material Cast stainless steel	Actuation type	Pneumatic
Type of mounting Line installation Cable connection Threaded sleeve 1/2 NPT as per ANSI/ASME B 1.20.1 Nominal width 13 mm 2/2, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa 4 MPa Medium pressure 0 bar 40 bar Nominal pressure of fitting PN Without flow control option Reset method Mechanical spring Type of control Externally controlled Pneumatic connection Internal thread of 1/8 Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating spressure Operating spressure Operating function Medium Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Amax. viscosity 600 mm²/s Flow and Completed Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Flow and Education Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Completed Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as Per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as Per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as Per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as Per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as Per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as Per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as Per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compressed air as Per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow and Education Compres	Sealing principle	Soft
Threaded sleeve 1/2 NPT as per ANSI/ASME B 1.20.1 Nominal width 13 mm 2/2, closed, monostable Flow direction Non-reversible Medium pressure O MPa 4 MPa Medium pressure of fitting PN Exhaust air function Mechanical spring Deprating pressure Operating medium Compressed air, 200 µm filter mesh Neutral liquids Flow direction Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Gomm²/s Temperature of medium Ao °C 200 °C Ambient temperature -10 °C 60 °C Samples (WIS) conformity VDMA24364 zone III VDMA24364 zone III VDMA24364 zone III	Mounting position	Any
Nominal width 13 mm Valve function 2/2, closed, monostable Non-reversible Medium pressure 0 MPa 4 MPa Medium pressure of fitting PN Exhaust air function Without flow control option Reset method Mechanical spring Preumatic connection Internal thread 61/8 Operating pressure 0 APa 1 MPa Operating pressure 0 6 MPa 1 MPa Operating pressure 0 6 MPa 1 MPa Operating pressure 10 Mechanical spring Medium Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C Ambient emperature -10 °C 60 °C 1 MPa 2 Stainless steel	Type of mounting	Line installation
Valve function 2/2, closed, monostable Flow direction Non-reversible Medium pressure 0 MPa 4 MPa Medium pressure 0 Obar 40 bar Nominal pressure of fitting PN 40 Exhaust air function Without flow control option Reset method Mechanical spring Type of control Externally controlled Pneumatic connection Internal thread 61/8 Operating pressure 0.6 Mpa 1 MPa Operating pressure 6 bar 10 bar Operating pressure 87 psi 145 psi Oyago Hydraulic fluid based on mineral oil Internal a linert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral Ilquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium 40°C 200 °C Ambient temperature 10°C 60°C Flow rate KV 3.3 m³/h Note on materials Reflexion III LABS (PWIS) conformity VDMA24364 zone III Valve housing material	Cable connection	Threaded sleeve 1/2 NPT as per ANSI/ASME B 1.20.1
Flow direction Non-reversible Medium pressure O MPa 4 MPa Obar 40 bar Nominal pressure of fitting PN Exhaust air function Exhaust air function Mechanical spring Type of control Externally controlled Pneumatic connection Operating pressure O 6 MPa 1 MPa Operating pressure O 6 MPa 1 MPa Operating pressure Operating duit dased on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Operating medium Ao or c 200 or c Ambient temperature -10 or c 60 or C Flow rate Kv 3.3 m³/h Note on materials LABS (PWIS) conformity VDMA24364 zone III Valve housing material	Nominal width	13 mm
Medium pressure O MPa 4 MPa Medium pressure O bar 40 bar Nominal pressure of fitting PN 40 Exhaust air function Without flow control option Reset method Mechanical spring Type of control Externally controlled Pneumatic connection Internal thread G1/8 Operating pressure O,6 MPa 1 MPa Operating pressure Operating pressure Operating pressure Symbol Operating pressure 87 psi 145 psi Symbol Operating pressure Wapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Femperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv Note on materials LABS (PWIS) conformity VDMA24364 zone III Valve housing material	Valve function	2/2, closed, monostable
Medium pressure O bar 40 bar Nominal pressure of fitting PN Exhaust air function Without flow control option Reset method Mechanical spring Type of control Externally controlled Pneumatic connection Internal thread G1/8 Operating pressure O 6 MPa 1 MPa Operating pressure Overating pressure Operating pressure Operating pressure Operating pressure Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate KV 3.3 m³/h Note on materials LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Flow direction	Non-reversible
Nominal pressure of fitting PN Exhaust air function Reset method Mechanical spring Type of control Externally controlled Pneumatic connection Internal thread 61/8 Operating pressure Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate kV 3.3 m³/h Note on materials LABS (PWIS) conformity VDMA24364 zone III Valve housing material	Medium pressure	0 MPa 4 MPa
Exhaust air function Reset method Mechanical spring Type of control Externally controlled Pneumatic connection Internal thread G1/8 Operating pressure O.6 MPa 1 MPa Operating pressure 87 psi 145 psi Operating pressure Operating pressure Operating pressure Operating pressure Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium 40°C 200 °C Ambient temperature -10°C 60°C Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant VDMA24364 zone III Valve housing material	Medium pressure	0 bar 40 bar
Reset method Mechanical spring Type of control Externally controlled Pneumatic connection Internal thread G1/8 Operating pressure O.6 MPa 1 MPa Operating pressure 6 bar 10 bar Operating pressure 87 psi 145 psi Symbol Ougesting pressure Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant VDMA24364 zone III Valve housing material	Nominal pressure of fitting PN	40
Type of control Externally controlled Pneumatic connection Operating pressure Symbol Operating pressure Operating pressure Operating pressure Symbol Operating pressure Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Femperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant VDMA24364 zone III Valve housing material	Exhaust air function	Without flow control option
Pheumatic connection Internal thread G1/8 Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Symbol Operating Pressure Operating pressure Operating pressure Symbol Operating Pressure Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium 40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant VDMA24364 zone III Valve housing material	Reset method	Mechanical spring
Operating pressure Operating pressure Operating pressure Operating pressure Symbol Operating pressure Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C -40 °C 200 °C -40 °C 200 °C -40 °C 3.3 m³/h Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Valve housing material	Type of control	Externally controlled
Operating pressure Operating pressure Symbol Operating pressure Operating medium Operating medium Operating medium Compressed air, 200 µm filter mesh Neutral liquids Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity Flow direction Operating medium	Pneumatic connection	Internal thread G1/8
Operating pressure 87 psi 145 psi Symbol 00991367 Medium Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 μm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Operating pressure	0.6 MPa 1 MPa
Symbol Medium Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials ROHS-compliant VDMA24364 zone III Valve housing material Cast stainless steel	Operating pressure	6 bar 10 bar
Medium Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials ROHS-compliant LABS (PWIS) conformity VDMA24364 zone III Valve housing material	Operating pressure	87 psi 145 psi
Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids Flow direction Under valve seat, for gaseous and liquid media Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Symbol	00991367
Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Max. viscosity 600 mm²/s Temperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Medium	Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh
Max. viscosity Femperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Flow direction	Under valve seat, for gaseous and liquid media
Temperature of medium -40 °C 200 °C Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature -10 °C 60 °C Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Max. viscosity	600 mm²/s
Flow rate Kv 3.3 m³/h Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Temperature of medium	-40 °C 200 °C
Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Ambient temperature	-10 °C 60 °C
LABS (PWIS) conformity VDMA24364 zone III Valve housing material Cast stainless steel	Flow rate Kv	3.3 m³/h
Valve housing material Cast stainless steel	Note on materials	RoHS-compliant
-	LABS (PWIS) conformity	VDMA24364 zone III
Material number, fitting housing 1.4408	Valve housing material	Cast stainless steel
	Material number, fitting housing	1.4408

Feature	Value
Spindle seal material	PTFE
Seat seal material	PTFE
Product weight	1300 g
Corrosion resistance class (CRC)	3 - High corrosion stress
Drive housing material	High-alloy stainless steel