## Air solenoid valve MOFH-3-3/4 Part number: 11969



## **Data sheet**

Actuation type     Electrical       Width     68 mm       Standard nominal flow rate     7500 l/min       Preumatic working port     63/4       Operating voltage     Via solenoid coil, to be ordered separately       Operating pressure     0.2 MPa0.8 MPa       Operating pressure     2.2 MPa0.8 MPa       Operating pressure     2.2 Mar	Feature	Value
Width68 mmStandard nominal flow rate7500 l/minPneumatic working portG3/4Operating yressure0.2 MPa 0.8 MPaOperating pressure0.2 MPa 0.8 MPaOperating pressure2 bar 8 barPlate seatReset methodCertificationc UL us - Recognized (0L)Degree of protection1P65Nominal Width19 mmType codeMOFHExhaust air functionWith flow control optionSealing principleSoftMouning positionAnyManual overrideDetentingPilot air supply portInternalFlow direction00991017LapUnderlapSymbol00991017LapCompressed air as per ISO 8573-1:2010[7:4:4]Operating underlap and pilot mediaOperating with oil ubrication possible (required for further use)Corrisoin resistance class (CRC)1 - Low corrosion stressStorace distance-20 °C 60 °CAmbient temperature-50 °C 40 °CProduct weight1260 g	Valve function	3/2, open, monostable
Standard nominal flow rate7500 l/minPneumatic working portG3/4Operating yotageVia solenoid coil, to be ordered separatelyOperating pressure0.2 MPa0.8 MPaOperating pressure2 bar8 barStructural designPlate seatReset methodMechanical springCertificationc UL us - Recognized (OL)Degree of protection1P65Nominal width19 mmType codeMOFHExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideDetentingType of controlPilot-controlledPilot air supply portInternalFlow direction00991017LapUnderlapSwitching time40 msAnswitching time20 usCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010 [7-4:4]Information on operating and pilot mediaOperation with oil ulbrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature20 °C 60 °CProduct weight1260 g	Actuation type	Electrical
Pneumatic working port   G3/4     Operating voltage   Via solenoid coil, to be ordered separately     Operating pressure   0.2 MPa0.8 MPa     Operating pressure   2 bar 8 bar     Structural design   Plate seat     Reset method   Mechanical spring     Cartification   c UL us - Recognized (OL)     Degree of protection   IP65     Nominal width   19 mm     Type code   MOFH     Exhaust air function   With flow control option     Sealing principle   Soft     Mounting position   Any     Manual override   Detenting     Pilot-controlled   Pilot-controlled     Pilot control   Pilot controlled     Pilot air supply port   Internal     Flow direction   Non-reversible     Symbol   00991017     Lap   200 µs     Solit characteristics   See solenoid coil, to be ordered separately     Operating medium   Compressed air as per ISO 8573-1:2010[7:4:4]     Information on operating and pilot media   Operation with oil lubrication possible (required for further use)     Corosoin resistance class (CRC)   1 - Low corr	Width	68 mm
Operating voltageVia solenoid coil, to be ordered separatelyOperating pressure0.2 MPa 0.8 MPaOperating pressure2 bar 8 barStructural designPlate seatReset methodMechanical springCertificationc UL us - Recognized (OL)Degree of protectionIP65Nominal width19 mmType codeMOFHExhaust air functionSoftMounting positionAnyManual overrideDetentingPilot control optionSoftMounting positionAnyManual overrideDetentingPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time offSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CAmbaient temperature-5 °C 40 °CProduct weight1260 g	Standard nominal flow rate	7500 l/min
Operating pressure     0.2 MPa 0.8 MPa       Operating pressure     2 bar 8 bar       Structural design     Plate seat       Reset method     Mechanical spring       Certification     cl Lu s - Recognized (0L)       Degree of protection     IP65       Nominal width     19 mm       Type code     MOFH       Exhaust air function     Soft       Sealing principle     Soft       Mounting position     Any       Manual override     Detenting       Pilot control     Pilot-controlled       Pilot control     Non-reversible       Symbol     00991017       Lap     Underlap       Switching time off     29 ms       On switching time     40 ms       Max. positive test pulse with 0 signal     2200 µs       Coli characteristics     See solenoid coil, to be ordered separately       Operating medium     Compressed air as per IS0 8573-1:2010 [7:4:4]       Information on operating and pilot media     Operation with oil lubrication possible (required for further use)       Corrosion resistance class (CRC)     1 - Low corrosion stress     20 ° C 60	Pneumatic working port	G3/4
Operating pressure   2 bar 8 bar     Structural design   Plate seat     Reset method   Mechanical spring     Certification   c UL us - Recognized (OL)     Degree of protection   IP65     Nominal width   19 mm     Type code   MOFH     Exhaust air function   With flow control option     Sealing principle   Soft     Mouning position   Any     Manual override   Detenting     Type of control   Pilot-controlled     Pilot air supply port   Internal     Flow direction   Non-reversible     Symbol   00991017     Lap   Underlap     Switching time off   29 ms     On switching time   See solenoid coil, to be ordered separately     Coil characteristics   See solenoid coil, to be ordered separately     Operating medium   Operation with oil lubrication possible (required for further use)     Corrosion resistance class (CRC)   1 - Low corrosion stress     Storage temperature   5 °C 40 °C     Product weight   1260 g	Operating voltage	Via solenoid coil, to be ordered separately
Structural design   Plate seat     Reset method   Mechanical spring     Certification   c UL us - Recognized (OL)     Degree of protection   IP65     Nominal width   19 mm     Type code   MOFH     Exhaust air function   With flow control option     Sealing principle   Soft     Mounting position   Any     Manual override   Detenting     Type of control   Pilot-controlled     Pilot air supply port   Internal     Flow direction   Non=versible     Symbol   00991017     Lap   Underlap     Switching time off   29 ms     On switching time   40 ms     Max, positive test pulse with 0 signal   2200 µs     Coll characteristics   See solenoid coil, to be ordered separately     Operating medium   Operation with oil lubrication possible (required for further use)     Corrosion resistance class (CRC)   1 - Low corrosion stress     Storage temperature   -20 °C60 °C     Temperature of medium   -10 °C60 °C     Anibeint temperature   -5 °C 40 °C	Operating pressure	0.2 MPa 0.8 MPa
Reset methodMechanical springCertificationc UL us - Recognized (OL)Degree of protectionIP65Nominal width19 mmType codeMOFHExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideDetentingPilot controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax, positive test pulse with 0 signal2200 µsColl characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-60 °CProduct weight1260 g	Operating pressure	2 bar 8 bar
certificationc UL us - Recognized (OL)Degree of protectionIP65Nominal width19 mmType codeMOFHExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideDetentingPilot-controlledPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumOperation motion bit of signalCorrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 ° C 60 °CProduct weight1260 g	Structural design	Plate seat
Degree of protectionIP65Nominal width19 mmType codeMOFHExhaust air functionWith flow control optionSealing principleSoftMouting positionAnyManual overrideDetentingType of controlPilot-controlledPilot air supply portInternalFlow directionXon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CProduct weight1260 g	Reset method	Mechanical spring
Nominal width19 mmType codeMOFHExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideDetentingType of controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching timeA0 msMax. positive test pulse with 0 signal200 µsColi characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil ulbrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CProduct weight1260 g	Certification	c UL us - Recognized (OL)
Type codeMOFHExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideDetentingType of controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 ° C 60 °CTemperature of medium10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Degree of protection	IP65
AnExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideDetentingType of controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Nominal width	19 mm
Sealing principleSoftMounting positionAnyManual overrideDetentingType of controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Type code	MOFH
Mounting positionAnyManual overrideDetentingType of controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CProduct weight1260 g	Exhaust air function	With flow control option
Manual overrideDetentingType of controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CProduct weight1260 g	Sealing principle	Soft
Type of controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Mounting position	Any
Non-reversibleFlow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 μsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Manual override	Detenting
Flow directionNon-reversibleSymbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Type of control	Pilot-controlled
Symbol00991017LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Pilot air supply port	Internal
LapUnderlapSwitching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 μsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Flow direction	Non-reversible
Switching time off29 msOn switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Symbol	00991017
On switching time40 msMax. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Lap	Underlap
Max. positive test pulse with 0 signal2200 µsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Switching time off	29 ms
Coil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	On switching time	40 ms
Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Max. positive test pulse with 0 signal	2200 μs
Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °CProduct weight1260 g	Coil characteristics	See solenoid coil, to be ordered separately
Corrosion resistance class (CRC)   1 - Low corrosion stress     Storage temperature   -20 °C 60 °C     Temperature of medium   -10 °C 60 °C     Ambient temperature   -5 °C 40 °C     Product weight   1260 g	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Storage temperature -20 °C 60 °C   Temperature of medium -10 °C 60 °C   Ambient temperature -5 °C 40 °C   Product weight 1260 g	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Temperature of medium -10 °C 60 °C   Ambient temperature -5 °C 40 °C   Product weight 1260 g	Corrosion resistance class (CRC)	1 - Low corrosion stress
Ambient temperature -5 °C 40 °C   Product weight 1260 g	Storage temperature	-20 °C 60 °C
Product weight 1260 g	Temperature of medium	-10 °C 60 °C
	Ambient temperature	-5 °C 40 °C
Electrical connection Via F coil, to be ordered separately	Product weight	1260 g
	Electrical connection	Via F coil, to be ordered separately

110 21 11 33

Feature	Value
Type of mounting	Optionally: On terminal strip With through-hole
Pilot exhaust air port 82	M5
Pneumatic connection 1	G3/4
Pneumatic connection 11	G3/4
Pneumatic connection 2	G3/4
Pneumatic connection 3	G3/4
Pneumatic connection 33	G3/4
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum