Solenoid valve VSVA-B-P53C-T-D2-F8

Part number: 8033755



Data sheet

Valve function5/3 closedType of actuationElectricConstruction width52 mmNominal flow rate standardised according to ISO 87783700 l/minpneumatic working portSub-base size 2 to ISO 5599-1Operating pressure0.3 MPa1.6 MPa 3 bar16 barDesignPiston gate valveType of resetMechanical springDegree of protectionIP65 NEMA 4Nominal size11.5 mmGrid dimension53 mmExhaust-air functionSoftMounting positionoptionalConforms to standardISO 5599-1Manual overrideDetenting via accessoryType of pilotingPilot actuatedPilot air supplyInternalFlow gree0.3 MPa 1 MPa 3 bar10 barSuitability for vacuumnob value0.26C value7.696 l/sbarFlow rate of valve on individual sub-base2800 l/minFlow rate of pneutatically interlinked valve1300 l/minMax. switching frequency5 Hz	ature	Value
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Flow rate of valve on individual sub-base2800 l/minFlow rate of pneumatically interlinked valve1300 l/minMax. switching frequency5 Hz	value	7.696 l/sbar
Flow rate of pneumatically interlinked valve1300 l/minMax. switching frequency5 Hz	ow rate of valve	3500 l/min
Max. switching frequency 5 Hz	ow rate of valve on individual sub-base	2800 l/min
	ow rate of pneumatically interlinked valve	1300 l/min
	ax. switching frequency	5 Hz
Switching time off 78 ms	vitching time off	78 ms

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Feature	Value
Switching time on	25 ms
Switching time reversal	40 ms
Duty cycle	100%
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C50 °C
Relative air humidity	0 - 90%
Sound pressure level	85 dB(A)
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C50 °C
Max. tightening torque for valve mounting	2 Nm
Product weight	720 g
Type of mounting	On sub-base
Pilot air port 12	Sub-base size 2 to ISO 5599-1
Pilot air port 14	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 1	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 2	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 3	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 4	Sub-base size 2 to ISO 5599-1
Pneumatic connection, port 5	Sub-base size 2 to ISO 5599-1
Pilot control interface	To ISO 15218
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium
Material screws	Steel