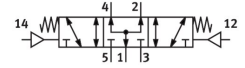


Pneumatic valve VSPA-B-P53U-D2

Part number: 8033653

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Valve function	5/3, pressurized
Actuation type	Pneumatic
Width	52 mm
Nominal flow rate standardized according to ISO 8778	3500 l/min
Pneumatic working port	Sub-base, size 2 according to ISO 5599-1
Operating pressure	-0.09 MPa ... 1.6 MPa
Operating pressure	-0.9 bar ... 16 bar
Structural design	Piston gate valve
Nominal width	11.5 mm
Exhaust air function	Via individual sub-base
Sealing principle	Soft
Mounting position	Any
Type of control	Direct
Pilot air supply port	External
Flow direction	Reversible
Symbol	00991022
Lap	Overlap
Pilot pressure MPa	0.3 MPa ... 1.6 MPa
Pilot pressure	3 bar ... 16 bar
Suitability for vacuum	yes
b-value	0.33
C value	7069 l/sbar
Flow rate of pneumatic valve	3300 l/min
Flow rate of pneumatic valve on individual sub-base	2900 l/min
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)
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-10 °C ... 60 °C
Noise level	85 dB(A)
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Max. tightening torque for valve mounting	2 Nm
Product weight	655 g

Feature	Value
Type of mounting	On sub-base
Pilot air port 12	Sub-base, size 2 as per ISO 5599-1
Pilot air port 14	Sub-base, size 2 as per ISO 5599-1
Pneumatic connection 1	Sub-base, size 2 as per ISO 5599-1
Pneumatic connection 2	Sub-base, size 2 as per ISO 5599-1
Pneumatic connection 3	Sub-base, size 2 as per ISO 5599-1
Pneumatic connection 4	Sub-base, size 2 as per ISO 5599-1
Pneumatic connection 5	Sub-base, size 2 as per ISO 5599-1
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum
Material of screws	Steel Galvanized