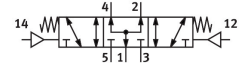


# Pneumatic valve VSPA-B-P53U-D1

Part number: 8033643

**FESTO**



## Data sheet

Feature	Value
Valve function	5/3, pressurized
Actuation type	Pneumatic
Width	42 mm
Nominal flow rate standardized according to ISO 8778	1600 l/min
Pneumatic working port	Sub-base, size 1 according to ISO 5599-1
Operating pressure	-0.09 MPa...1.6 MPa -0.9 bar...16 bar
Structural design	Piston gate valve
Nominal width	8 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
Lap	Overlap
Pilot pressure MPa	0.3 MPa...1.6 MPa
Pilot pressure	3 bar...16 bar
Suitability for vacuum	yes
b-value	0.14
C value	6799 l/sbar
Flow rate of pneumatic valve	1500 l/min
Flow rate of pneumatic valve on individual sub-base	1300 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)

Feature	Value
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Max. tightening torque for valve mounting	1 Nm
Product weight	345 g
Type of mounting	On sub-base
Pilot air port 12	Sub-base, size 1 as per ISO 5599-1
Pilot air port 14	Sub-base, size 1 as per ISO 5599-1
Pneumatic connection 1	Sub-base, size 1 as per ISO 5599-1
Pneumatic connection 2	Sub-base, size 1 as per ISO 5599-1
Pneumatic connection 3	Sub-base, size 1 as per ISO 5599-1
Pneumatic connection 4	Sub-base, size 1 as per ISO 5599-1
Pneumatic connection 5	Sub-base, size 1 as per ISO 5599-1
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum
Material of screws	Steel Galvanized