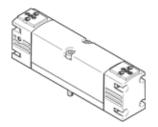
basic valve VSVA-B-P53U-A1-P1 Part number: 546743

FESTO

Width 26 mm



Data sheet

Valve function Type of actuation Valve size Standard nominal flow rate Operating pressure Design structure Piston slide Type of reset Authorisation C UL us - Recognized (OL) Protection class IP65 NEMA 4 Nominal size 9 mm Exhaust-air function Sealing principle Assembly position Conforms to standard Conforms to standard Type of piloting Piloted Positive overlap Signal status display LED Flow rate of valve 1,400 l/min Flow rate of valve on individual sub-base 1,100 l/min Flow rate of valve on individual sub-base 1,100 l/min Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for fur	
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Operating pressure 3 10 bar Design structure Piston slide Type of reset mechanical spring Authorisation c UL us - Recognized (OL) Protection class IP65 NEMA 4 Nominal size 9 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Conforms to standard ISO 15407-1 VDMA 24563 Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap Signal status display LED Flow rate of valve nindividual sub-base I,000 I/min Flow rate of pneumatically linked valve Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]	
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Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]	
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Note on operating and pilot medium Lubricated operation possible (subsequently required for further than the content of the c	
operation)	ther
Vibration resistance Transport application test at severity level 2 in accordance wi 942017-4 and EN 60068-2-6	th FN
Shock resistance Shock test with severity level 2 in accordance with FN 942017 60068-2-27	7-5 and EN
Corrosion resistance classification CRC 0 - No corrosion stress	
Medium temperature -5 50 °C	
Relative air humidity 0 - 90 %	
Sound pressure level 85 dB(A)	
Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]	
Ambient temperature -5 50 °C	
Max. tightening torque, valve mounting 1.8 2.2 Nm	
Product weight 229 g	
Mounting type On sub-base	
Auxiliary pilot air port 12 Connection plate size 26 mm, according to ISO 15407-1	
Auxiliary pilot air port 14 Connection plate size 26 mm, according to ISO 15407-1	
Pilot exhaust port 82/84 Not ducted as per standard	
Ducted	



Feature	Value
Pneumatic connection, port 1	Connection plate size 26 mm, according to ISO 15407-1
Pneumatic connection, port 2	Connection plate size 26 mm, according to ISO 15407-1
Pneumatic connection, port 3	Connection plate size 26 mm, according to ISO 15407-1
Pneumatic connection, port 4	Connection plate size 26 mm, according to ISO 15407-1
Pneumatic connection, port 5	Connection plate size 26 mm, according to ISO 15407-1
Pilot interface	According to ISO 15218
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Aluminium die cast
Material screws	Steel
	Galvanised