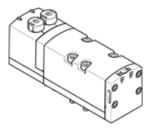
solenoid valve **VSVA-B-P53F-ZH-D1-1T1L** Part number: 8034814





Data sheet

Valve function Type of actuation Vidth Standard nominal flow rate Operating pressure MPa Operating pressure	5/3-way, pressurised 1 to 2, 4 to 5 closed electrical 42 mm 1,400 l/min -0.09 1 MPa -0.9 10 bar Piston slide c UL us - Recognized (OL) IP65 NEMA 4 throttleable Via throttle plate Via individual sub-base soft
Vidth Standard nominal flow rate Operating pressure MPa Operating pressure Operating principle Operating pressure	42 mm 1,400 l/min -0.09 1 MPa -0.9 10 bar Piston slide c UL us - Recognized (OL) IP65 NEMA 4 throttleable Via throttle plate Via individual sub-base soft
Standard nominal flow rate Operating pressure MPa Operating pressure Operating principle Operating pressure Operating	1,400 l/min -0.09 1 MPa -0.9 10 bar Piston slide c UL us - Recognized (OL) IP65 NEMA 4 throttleable Via throttle plate Via individual sub-base soft
Operating pressure MPa Operating pressure Oesign structure Authorisation Protection class Exhaust-air function Gealing principle Assembly position	-0.09 1 MPa -0.9 10 bar Piston slide c UL us - Recognized (OL) IP65 NEMA 4 throttleable Via throttle plate Via individual sub-base soft
Operating pressure Design structure Authorisation Protection class Exhaust-air function Sealing principle Assembly position	-0.9 10 bar Piston slide c UL us - Recognized (OL) IP65 NEMA 4 throttleable Via throttle plate Via individual sub-base soft
Design structure Authorisation Protection class Exhaust-air function Sealing principle Assembly position	Piston slide c UL us - Recognized (OL) IP65 NEMA 4 throttleable Via throttle plate Via individual sub-base soft
Authorisation Protection class Exhaust-air function Sealing principle Assembly position	c UL us - Recognized (OL) IP65 NEMA 4 throttleable Via throttle plate Via individual sub-base soft
rotection class Exhaust-air function Sealing principle Exissembly position	IP65 NEMA 4 throttleable Via throttle plate Via individual sub-base soft
ixhaust-air function Gealing principle Assembly position	NEMA 4 throttleable Via throttle plate Via individual sub-base soft
Gealing principle Assembly position	throttleable Via throttle plate Via individual sub-base soft
Gealing principle Assembly position	Via throttle plate Via individual sub-base soft
ssembly position	Via individual sub-base soft
ssembly position	soft
ssembly position	
ssembly position	Anu
	Any
	Pushing
ype of piloting	Piloted
Pilot air supply	external
low direction	Any
iignal status display	LED
ilot pressure MPa	0.3 1 MPa
ilot pressure	3 10 bar
low rate of valve	1,700 l/min
low rate of valve on individual sub-base	1,400 l/min
Optimised flow rate of valve pneumatically concatenated flow	1,700 l/min
	, , ,
	22 ms
	72 mA up to 30 ms
Characteristic coil data	24 V DC: 1.6 W
Jurge strength	2.5 kV
	+/- 10 %
lote on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	0 - No corrosion stress
WIS conformity	VDMA24364-B1/B2-L
Relative air humidity	0 - 90 %
mbient temperature	-5 50 °C
Product weight	456 g
Electrical connection	-
	_ =
Mounting type	
Pilot exhaust port 82/84	
low rate of pneumatically linked valve switching time off switching time on Iominal breakaway current per solenoid coil characteristic coil data surge strength Degree of contamination Permissible voltage fluctuation Operating medium Iote on operating and pilot medium Corrosion resistance classification CRC PWIS conformity Selative air humidity Smbient temperature Product weight Electrical connection Mounting type Suxiliary pilot air port 12/14	1,400 l/min 65 ms 22 ms 72 mA up to 30 ms 24 V DC: 1.6 W 2.5 kV 3 +/- 10 % Compressed air in accordance with ISO8573-1:2010 [7:4:4] Lubricated operation possible (subsequently required for further operation) 0 - No corrosion stress VDMA24364-B1/B2-L 0 - 90 % -5 50 °C



Feature	Value
	Not ducted as per standard
	Ducted
Pneumatic connection, port 1	Sub-base size 1 to ISO 5599-2
Pneumatic connection, port 2	Sub-base size 1 to ISO 5599-2
Pneumatic connection, port 3	Sub-base size 1 to ISO 5599-2
Pneumatic connection, port 4	Sub-base size 1 to ISO 5599-2
Pneumatic connection, port 5	Sub-base size 1 to ISO 5599-2
Materials note	Conforms to RoHS
Material seals	FPM
	HNBR
	NBR
Material housing	Aluminium die cast
	PA
Material screws	Galvanised steel