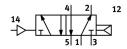
Pneumatic valve VSPA-B-M52-A-A1 Part number: 546716







General operating condition

Data sheet

trustion type right 26 mm 100 1/min	Feature	Value
Tandard nominal flow rate 1100 l/min 126 mm 1200 l/min 1200 l/	Valve function	5/2, monostable
tandard nominal flow rate 1100 l/min Sub-base, size 26 mm according to ISO 15407-1 Connecting plate size 01 according to VDMA 24563 G1/4 perating pressure 2 bar 10 bar Piston gate valve perating design Piston gate valve perating pressure Preumatic spring ominal width 9 mm whaust air function With flow control option saling principle Soft Any outning position Any outnoting position Direct yee of control Ow direction Weeversible ymbol Owerlap liot pressure 2 bar 10 bar ow rate of pneumatic valve on individual sub-base primized flow rate of pneumatic valve pneumatically concatenated flow witching time off n switching time off n switching time perating medium formation on operating and pilot media orosion resistance class (CRC) ABS (PWIS) conformity witch medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium formed in well as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] menetature of medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Actuation type	Pneumatic
sub-base, size 26 mm according to ISO 15407-1 Connecting plate size 01 according to VDMA 24563 G1/4 perating pressure 2 bar 10 bar Piston gate valve Pneumatic spring 9 mm ominal width 9 mm shaust air function with flow control option ealing principle Soft ounting position Any onforms to standard vDMA 24563 vpe of control ow direction Reversible ymbol Oosp1048 pap Overlap liot pressure 2 bar 10 bar 1400 l/min ow rate of pneumatic valve on individual sub-base publicated flow rate of pneumatic valve pneumatically concatenated flow witching time off solon prevention and protection and sylvanic flow in the standard vpindo operation with oil lubrication possible (required for further use) orrosion resistance class (CRC) ABS (PWIS) conformity with elder with a per 150 8573-1:2010 [7:4:4] compressed air as per ISO 8573-1:2010 [7:4:4] mibient temperature -10 °C 60 °C elder a silvanic si	Width	26 mm
Connecting plate size 01 according to VDMA 24563 G1/4 perating pressure 2 bar 10 bar functural design Piston gate valve Perent thod Pneumatic spring minal width Pneumatic spring Mith flow control option seating principle Soft Soft Soft Soft Soft Soft Soft Soft	Standard nominal flow rate	1100 l/min
Piston gate valve eset method Pneumatic spring ominal width 9 mm what function With flow control option ealing principle counting position Any onforms to standard ISO 15407-1 VDMA 24563 ype of control Direct ow direction Reversible ymbol Oop91048 ap Overlap liot pressure 2 bar 10 bar ow rate of pneumatic valve on individual sub-base 1100 l/min witching time off su witching time witching time off su switching time witching time switching time (ATEX) perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Open each of Service Open each of Se	Pneumatic working port	Connecting plate size 01 according to VDMA 24563
Preumatic spring ominal width 9 mm whaust air function With flow control option saling principle Soft ounting position Any onforms to standard SO 15407-1 VDMA 24563 pre of control Direct ow direction Reversible ymbol Oop91048 Overlap liot pressure 2 bar 10 bar ow rate of pneumatic valve on individual sub-base primized flow rate of pneumatic valve pneumatically concatenated flow witching time off switching time off switching time 18 ms switching time 18 ms switching time Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media or selective air humidity O-90 % lot medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on formity elative air humidity O-90 % lot medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on complete the minimum of the compressed air as per ISO 8573-1:2010 [7:4:4] formation on complete the minimum of the compressed air as per ISO 8573-1:2010 [7:4:4]	Operating pressure	2 bar 10 bar
ominal width shaust air function what with flow control option saling principle Soft Soft Soft	Structural design	Piston gate valve
khaust air function with flow control option saling principle Soft Jounting position Any JSO 15407-1 VDMA 24563 Appe of control Direct Ow direction Reversible Jounting position Overlap Jounting position Any Overlap Jounting position Any Overlap Jounting position Any Overlap Jounting position Overlap Jounting position Any Overlap Jounting position Jounting position Any Operation Jounting position Jounting position Any Operation Jounting position Jo	Reset method	Pneumatic spring
sealing principle sounting position Any ISO 15407-1 VDMA 24563 Appeor Control Direct Appeor Control Direct Appeor Control Direct Appeor Control Direct D	Nominal width	9 mm
counting position conforms to standard conformation conforms to standard conformation conformatic conforms conf	Exhaust air function	With flow control option
ISO 15407-1 VDMA 24563 //pe of control ow direction Reversible //mbol Overlap Iot pressure Overlap Iot pressure Overlap Iot pressure Overlap Iot pressure Iot of pneumatic valve Overlap Iot of pneumatic valve Into I /min Iot of /min Iot	Sealing principle	Soft
VDMA 24563 pre of control ow direction without of pneumatic valve on individual sub-base principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve pneumatically concatenated flow principal flow rate of pneumatic valve principal flow rate of pneumatic valve pneumatic valve principal flow rate of pneumatic valve principal flow rate of pneumatic valve pneumati	Mounting position	Any
witching time off newrition and protection are witching time formation on operating and pilot media operating sistance class (CRC) O-No corrosion resistance class (CRC) O-No corrosion stress (PRC) (Conforms to standard	
ymbol 00991048 ap Overlap Blot pressure 2 bar 10 bar ow rate of pneumatic valve 1400 l/min ow rate of pneumatic valve on individual sub-base 1100 l/min ptimized flow rate of pneumatic valve pneumatically concatenated flow 1100 l/min witching time off 30 ms in switching time 18 ms explosion prevention and protection 20 (ATEX) zone 22 (ATEX) zone 22 (ATEX) perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil lubrication possible (required for further use) orrosion resistance class (CRC) 0 · No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity 0 · 90 % filot medium Compressed air as per ISO 8573-1:2010 [7:4:4] mbient temperature -10 °C 60 °C	Type of control	Direct
Overlap Ilot pressure ow rate of pneumatic valve ow rate of pneumatic valve on individual sub-base ptimized flow rate of pneumatic valve pneumatically concatenated flow witching time off switching time txplosion prevention and protection formation on operating and pilot media orrosion resistance class (CRC) ABS (PWIS) conformity wind medium formation on medium compressed air as per ISO 8573-1:2010 [7:4:4] comparating medium formation on operating and pilot media orrosion resistance class (CRC) o - No corrosion stress ABS (PWIS) conformity vDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity or operation with emperature compressed air as per ISO 8573-1:2010 [7:4:4]	Flow direction	Reversible
idet pressure 2 bar 10 bar ow rate of pneumatic valve 1400 l/min 100 l/min ptimized flow rate of pneumatic valve pneumatically concatenated flow witching time off 18 ms xplosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil lubrication possible (required for further use) orrosion resistance class (CRC) 0 - No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity 0 - 90 % flot medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Symbol	00991048
ow rate of pneumatic valve ow rate of pneumatic valve on individual sub-base ptimized flow rate of pneumatic valve pneumatically concatenated flow witching time off switching time 18 ms xplosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil lubrication possible (required for further use) orrosion resistance class (CRC) O - No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity O - 90 % flot medium Compressed air as per ISO 8573-1:2010 [7:4:4] mbient temperature	Lap	Overlap
ow rate of pneumatic valve on individual sub-base ptimized flow rate of pneumatic valve pneumatically concatenated flow witching time off 30 ms n switching time 18 ms xplosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) Perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil lubrication possible (required for further use) Porrosion resistance class (CRC) O - No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Pemperature of medium -10 °C 60 °C elative air humidity O - 90 % flot medium Compressed air as per ISO 8573-1:2010 [7:4:4] Find the diamage of the dia	Pilot pressure	2 bar 10 bar
ptimized flow rate of pneumatic valve pneumatically concatenated flow witching time off 30 ms n switching time 18 ms xplosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil lubrication possible (required for further use) orrosion resistance class (CRC) 0 - No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity 0 -90 % flot medium Compressed air as per ISO 8573-1:2010 [7:4:4] mbient temperature -10 °C 60 °C	Flow rate of pneumatic valve	1400 l/min
witching time off 18 ms xplosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) Perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil lubrication possible (required for further use) Orrosion resistance class (CRC) O - No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity O-90 % Compressed air as per ISO 8573-1:2010 [7:4:4] Compressed air as per ISO 8573-1:2010 [7:4:4] To compressed air as per ISO 8573-1:2010 [7:4:4] This includes the service of the	Flow rate of pneumatic valve on individual sub-base	1100 l/min
Is ms It is ms	Optimized flow rate of pneumatic valve pneumatically concatenated flow	1100 l/min
zone 2 (ATEX) Zone 22 (ATEX) perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil lubrication possible (required for further use) orrosion resistance class (CRC) O - No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity O - 90 % filot medium Compressed air as per ISO 8573-1:2010 [7:4:4] mbient temperature -10 °C 60 °C	Switching time off	30 ms
Zone 22 (ATEX) perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil lubrication possible (required for further use) orrosion resistance class (CRC) O - No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity O - 90 % flot medium Compressed air as per ISO 8573-1:2010 [7:4:4] mbient temperature -10 °C 60 °C	On switching time	18 ms
Operation with oil lubrication possible (required for further use) Orrosion resistance class (CRC) O - No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity O - 90 % Idot medium Compressed air as per ISO 8573-1:2010 [7:4:4] embient temperature -10 °C 60 °C	Explosion prevention and protection	
orrosion resistance class (CRC) O - No corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity O - 90 % filot medium Compressed air as per ISO 8573-1:2010 [7:4:4] mbient temperature -10 °C 60 °C	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium -10 °C 60 °C elative air humidity 0 - 90 % flot medium Compressed air as per ISO 8573-1:2010 [7:4:4] mbient temperature -10 °C 60 °C	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
emperature of medium -10 °C 60 °C elative air humidity 0 - 90 % flot medium Compressed air as per ISO 8573-1:2010 [7:4:4] mbient temperature -10 °C 60 °C	Corrosion resistance class (CRC)	0 - No corrosion stress
elative air humidity 0 - 90 % Compressed air as per ISO 8573-1:2010 [7:4:4] mbient temperature -10 °C 60 °C	LABS (PWIS) conformity	VDMA24364-B1/B2-L
cilot medium Compressed air as per ISO 8573-1:2010 [7:4:4] compresse	Temperature of medium	-10 °C 60 °C
mbient temperature -10 °C 60 °C	Relative air humidity	0 - 90 %
	Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
	Ambient temperature	-10 °C 60 °C
ax. tightening torque for valve mounting 1.8 Nm 2.2 Nm	Max. tightening torque for valve mounting	1.8 Nm 2.2 Nm

Feature	Value
Product weight	180 g
Pilot air port 12	Sub-base, size 26 mm as per ISO 15407-1
Pilot air port 14	Sub-base, size 26 mm as per ISO 15407-1
Pneumatic connection 1	Sub-base, size 26 mm as per ISO 15407-1
Pneumatic connection 2	Sub-base, size 26 mm as per ISO 15407-1
Pneumatic connection 3	Sub-base, size 26 mm as per ISO 15407-1
Pneumatic connection 4	Sub-base, size 26 mm as per ISO 15407-1
Pneumatic connection 5	Sub-base, size 26 mm as per ISO 15407-1
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum
Material of screws	Steel Galvanized