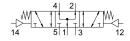
Pneumatic valve VSPA-B-P53U-A1

Part number: 546718







Data sheet

Actuation type Pneumatic Width 26 mm Standard nominal flow rate 1000 l/min Pneumatic working port Sub-base, size 26 mm according to 150 15407-1 Connecting plate size 01 according to VDMA 24563 61/4 Operating pressure -0.9 bar16 bar Structural design Piston gate valve Reset method Mechanical spring Nominal width 9 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Conforms to standard 150 1407-1 VDMA 24563 Type of control Direct Flow direction Reversible Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve on individual sub-base 1100 l/min Flow rate of pneumatic valve on individual sub-base 120 ms in the flow in the fl	Feature	Value
Width 26 mm Standard nominal flow rate 1000 l/min Pneumatic working port Sub-base, size 26 mm according to ISO 15407-1 Connecting plate size 01 according to VDMA 24563 G1/4 Operating pressure0.9 bar16 bar Structural design Piston gate valve Reset method Mechanical spring Nominal width 9 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Conforms to standard ISO 15407-1 VDMA 24563 Type of control Direct Flow direction Reversible Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve on individual sub-base 1000 l/min Flow rate of pneumatic valve pneumatically concatenated flow Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 32 ms On switching time 13 ms Explosion prevention and protection Conson resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA2464-B1/B2-L	Valve function	5/3, pressurized
Standard nominal flow rate Pneumatic working port Sub-base, size 26 mm according to ISO 15407-1 Connecting plate size 01 according to VDMA 24563 G1/4 Operating pressure -0.9 bar16 bar Structural design Piston gate valve Reset method Mechanical spring Nominal width 9 mm Exhaust air function Sealing principle Soft Mounting position Any Conforms to standard ISO 15407-1 VDMA 24563 Type of control Direct Flow direction Reversible Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve pneumatic valve pneumatically concatenated flow Dothinized flow rate of pneumatic valve pneumatically concatenated flow Switching time off On switching time Explosion prevention and protection Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation verses Corrosion resistance class (CRC) O No corrosion stress VDMA2464-B1/B2-L	Actuation type	Pneumatic
Pneumatic working port Sub-base, size 26 mm according to ISO 15407-1 Connecting plate size 01 according to VDMA 24563 G1/4 Operating pressure -0.9 bar16 bar Structural design Reset method Mechanical spring Nominal width 9 mm Exhaust air function Soft Mounting position Any Conforms to standard ISO 15407-1 VDMA 24563 Type of control Direct Flow direction Reversible Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve on individual sub-base 1100 //min Optimized flow rate of pneumatic valve pneumatically concatenated flow Optimized flow rate of pneumatic valve pneumatically concatenated flow On switching time off On switching time 13 ms Explosion prevention and protection Compressed air as per ISO 8573-1:2010 [7:4:44] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) O MACA564-BI/B2-L	Width	26 mm
Connecting plate size 01 according to VDMA 24563 61/4 Operating pressure -0.9 bar16 bar Structural design Piston gate valve Reset method Mechanical spring Nominal width 9 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Conforms to standard Standard Standard Soft Soft Flow direction Reversible Lap Overlap Fliot pressure 3 bar10 bar Fliow rate of pneumatic valve on individual sub-base 100 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow switching time off 32 ms Con switching time off 220 (ATEX) Coperating medium Comperating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) O Macads 64 18/18/2-L	Standard nominal flow rate	1000 l/min
Structural design Piston gate valve Reset method Mechanical spring Nominal width 9 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Conforms to standard ISO 15407-1 VDMA 24563 Type of control Direct Flow direction Reversible Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve 1400 l/min Flow rate of pneumatic valve on individual sub-base 1100 l/min Switching time off 32 ms Explosion prevention and protection 2 ms Explosion prevention and protection 2 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) Corrosion resistance class (CRC) O - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Pneumatic working port	Connecting plate size 01 according to VDMA 24563
Reset method Mechanical spring Nominal width 9 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Conforms to standard Conforms to standard Type of control Flow direction Reversible Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve 1400 l/min Flow rate of pneumatic valve on individual sub-base 1100 l/min Switching time off On switching time Explosion prevention and protection 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) Corrosion resistance class (CRC) O No corrosion stress VDMA24364-B1/B2-L	Operating pressure	-0.9 bar16 bar
Nominal width 9 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Conforms to standard ISO 15407-1 VDMA 24563 Type of control Direct Flow direction Reversible Lap Overlap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve individual sub-base 1100 l/min Flow rate of pneumatic valve on individual sub-base 1100 l/min Switching time off 32 ms On switching time off 13 ms Explosion prevention and protection Zone 22 (ATEX) Operating medium Composition with oil lubrication possible (required for further use) Corrosion resistance class (CRC) O No Any DMA24364-B1/B2-L	Structural design	Piston gate valve
Exhaust air function Sealing principle Soft Mounting position Conforms to standard Conforms to standard Direct Flow direction Lap Overlap Pilot pressure Journatic valve on individual sub-base Itoo l/min Switching time off On switching time Explosion prevention and protection Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) Oyen Vib MA 24563 Direct Reversible Direct Reversible Overlap Overlap Overlap Journatic Jour	Reset method	Mechanical spring
Sealing principle Mounting position Any Conforms to standard Conforms to standard ISO 15407-1 VDMA 24563 Type of control Direct Flow direction Lap Overlap Pilot pressure 1400 I/min Flow rate of pneumatic valve Inou I/min Pilow rate of pneumatic valve on individual sub-base Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off On switching time 13 ms Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) Cone 22 (ATEX) Corrosion resistance class (CRC) O - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Nominal width	9 mm
Mounting position Any Conforms to standard So 15407-1 VDMA 24563 Type of control Direct Flow direction Reversible Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve on individual sub-base 1100 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow To switching time off 32 ms On switching time 13 ms Explosion prevention and protection 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) Corrosion resistance class (CRC) O - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Exhaust air function	With flow control option
Conforms to standard Conforms to standard Conforms to standard ISO 15407-1 VDMA 24563 Type of control Direct Reversible Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve 1400 l/min Flow rate of pneumatic valve on individual sub-base 1100 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 32 ms On switching time 13 ms Explosion prevention and protection 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) Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Sealing principle	Soft
Type of control Direct Flow direction Reversible Lap Overlap Pilot pressure 1400 l/min Flow rate of pneumatic valve on individual sub-base Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off On switching time Explosion prevention and protection Operating medium Coperating medium Coperating medium Coperating median Operating on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) O- No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Mounting position	Any
Reversible Lap Overlap Pilot pressure 13 bar10 bar Flow rate of pneumatic valve 1400 l/min Pilot pressure 1100 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 32 ms On switching time 13 ms Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) 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) Corrosion resistance class (CRC) O - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Conforms to standard	
Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve 1400 l/min Flow rate of pneumatic valve on individual sub-base 1100 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow 1000 l/min Switching time off 32 ms On switching time 13 ms Explosion prevention and protection Zone 22 (ATEX) Zone 22 (ATEX) 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) Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Type of control	Direct
Pilot pressure 3 bar10 bar Flow rate of pneumatic valve 1400 l/min Flow rate of pneumatic valve on individual sub-base 1100 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow 1000 l/min Switching time off 32 ms On switching time 13 ms Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) 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) Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Flow direction	Reversible
Flow rate of pneumatic valve Flow rate of pneumatic valve on individual sub-base 1100 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 32 ms On switching time 13 ms Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) 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) Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Lap	Overlap
Flow rate of pneumatic valve on individual sub-base Optimized flow rate of pneumatic valve pneumatically concatenated flow 1000 l/min Switching time off 32 ms On switching time 13 ms Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) 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) Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Pilot pressure	3 bar10 bar
Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 32 ms On switching time 13 ms Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) 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) Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Flow rate of pneumatic valve	1400 l/min
Switching time off 32 ms On switching time 13 ms Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) 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) Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Flow rate of pneumatic valve on individual sub-base	1100 l/min
On switching time 13 ms Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) 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) Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Optimized flow rate of pneumatic valve pneumatically concatenated flow	1000 l/min
Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) 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) Corrosion resistance class (CRC) O - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Switching time off	32 ms
Zone 22 (ATEX) 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) Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	On switching time	13 ms
Information on operating and pilot media Operation with oil lubrication possible (required for further use) O - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Explosion prevention and protection	
Corrosion resistance class (CRC) 0 - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
LABS (PWIS) conformity VDMA24364-B1/B2-L	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
	Corrosion resistance class (CRC)	0 - No corrosion stress
Temperature of medium -10 °C60 °C	LABS (PWIS) conformity	VDMA24364-B1/B2-L
	Temperature of medium	-10 °C60 °C

Feature	Value
Relative air humidity	0 - 90 %
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C60 °C
Max. tightening torque for valve mounting	1.8 Nm2.2 Nm
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