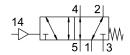
Pneumatic valve VSPA-B-M52-M-A2

Part number: 546727







Data sheet

Actuation type Pneumatic Width 18 mm Standard nominal flow rate 550 l/min Pneumatic working port Sub-base, size 18 mm as per ISO 15407-1 Connecting plate size 02 according to VDMA 24563 G1/8 Operating pressure - 0.9 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Nominal width 5 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 550 l/min Flow rate of pneumatic valve on individual sub-base 550 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow 550 l/min Smytching time 6 ms Explosion prevention and protection Converses dair 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	Feature	Value
Width 18 mm Standard nominal flow rate 550 l/min Pneumatic working port 550 l/min Sub-base, size 18 mm as per ISO 15407-1 Connecting plate size 02 according to VDMA 24563 G1/8 Operating pressure -0.9 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Nominal width 5 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 550 l/min Switching time off 18 ms Op switching time off 18 ms Con switching time 6 Explosion prevention and protection 200 peration with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 0 No MA24364-B1/B2-L	Valve function	5/2, monostable
Standard nominal flow rate Pneumatic working port Sub-base, size 18 mm as per ISO 15407-1 Connecting plate size 02 according to VDMA 24563 G1/8 Operating pressure -0.9 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Nominal width 5 mm Exhaust air function Sealing principle Soft Mounting position Any Conforms to standard ISO 15407-1 VDMA 24563 Type of control Pirect Flow direction Reversible Lap Overlap Pilot pressure 3 bar10 bar 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 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	Actuation type	Pneumatic
Pneumatic working port Sub-base, size 18 mm as per ISO 15407-1 Connecting plate size 02 according to VDMA 24563 G1/8 Operating pressure -0.9 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Nominal width 5 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 Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off On switching time Sm S Explosion prevention and protection Compressed air as per ISO 15407-1 VDMA 24563 Type of control Direct Flow rate of pneumatic valve T50 I/min Stolly imin Stolly imin Stolly imin Stolly imin Stolly imin Stolly imin Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off Do switching time Sm S 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	Width	18 mm
Connecting plate size 02 according to VDMA 24563 G1/8 Operating pressure First gate valve Reset method Mechanical spring Nominal width Smm Exhaust air function With flow control option Sealing principle Soft Mounting position Conforms to standard Type of control Flow direction Direct Flow direction Reversible Lap Overlap Pilot pressure 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 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 stresss Canne (CRC) Connecting plate size 02 according to VDMA 24563 Pilot part valve Piston gate valve Nechanical spring Pilot promited valve Soft Mechanical spring Soft Mechanical spring Nome had valve Soft Mechanical spring Nome had valve Soft Soft Mounting birth own control option Soft Soft Mounting position Soft Any Conspessed 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	Standard nominal flow rate	550 l/min
Structural design Piston gate valve Reset method Mechanical spring Nominal width 5 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 550 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow 550 l/min Switching time off 18 ms On switching time Explosion prevention and protection 2 me 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Corrosion resistance class (CRC) O - No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Pneumatic working port	Connecting plate size 02 according to VDMA 24563
Reset method Mechanical spring Nominal width Exhaust air function With flow control option Sealing principle Mounting position Conforms to standard Type of control Flow direction Reversible Lap Overlap Pilot pressure John and protection Plow 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 Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Oyenday Optmaced (RKC) O No corrosion resistance class (CRC) O No corrosion stress VDMA24364-B1/B2-L	Operating pressure	-0.9 bar10 bar
Nominal width 5 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 550 l/min Coptimized flow rate of pneumatic valve pneumatically concatenated flow 550 l/min Switching time off 18 ms On switching time Explosion prevention and protection Zone 2 (ATEX) Zone 22 (ATEX) Operating medium Corrosion stress LABS (PWIS) conformity VDMA24364-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 Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off On switching time Explosion prevention and protection Direct Sol J/min Switching time Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) O NO corrosion stress VDMA24364-B1/B2-L	Reset method	Mechanical spring
Sealing principle Mounting position Any 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 Flow rate of pneumatic valve on individual sub-base Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 18 ms On switching time 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	5 mm
Mounting position Conforms to standard Conforms to standard Conforms to standard Direct Flow direction Reversible Lap Overlap Pilot pressure 3 bar10 bar Flow rate of pneumatic valve Flow rate of pneumatic valve on individual sub-base Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 18 ms Con switching time 8 ms Explosion prevention and protection Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operations used in the sub-base on No corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Exhaust air function	With flow control option
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 Flow rate of pneumatic valve on individual sub-base Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 18 ms 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 LABS (PWIS) conformity VDMA24364-B1/B2-L	Sealing principle	Soft
Type of control Direct Flow direction Reversible Lap Overlap Pilot pressure 1 3 bar10 bar Flow rate of pneumatic valve Poptimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off On switching time Explosion prevention and protection Coperating medium Coperating medium Corrosion resistance class (CRC) Compressed air as per ISO 8573-1:2010 [7:4:4] Composition stress COMMA24364-B1/B2-L Versible Reversible	Mounting position	Any
Reversible Lap Overlap Pilot pressure 1 3 bar10 bar Flow rate of pneumatic valve Flow rate of pneumatic valve on individual sub-base Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 18 ms On switching time 8 ms Explosion prevention and protection Zone 2 (ATEX) 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) 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 750 l/min Flow rate of pneumatic valve on individual sub-base 550 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow 550 l/min Switching time off 18 ms On switching time 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	Type of control	Direct
Pilot pressure 3 bar10 bar Flow rate of pneumatic valve 750 l/min Flow rate of pneumatic valve on individual sub-base 550 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow 550 l/min Switching time off 18 ms On switching time 8 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 550 l/min Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 18 ms On switching time 8 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 Switching time off 18 ms On switching time 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	Pilot pressure	3 bar10 bar
Optimized flow rate of pneumatic valve pneumatically concatenated flow Switching time off 18 ms On switching time 8 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	750 l/min
Switching time off 18 ms On switching time 8 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	550 l/min
On switching time 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	Optimized flow rate of pneumatic valve pneumatically concatenated flow	550 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	18 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	8 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	0.9 Nm1.1 Nm
Product weight	80 g
Pilot air port 12	Sub-base, size 18 mm as per ISO 15407-1
Pilot air port 14	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 1	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 2	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 3	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 4	Sub-base, size 18 mm as per ISO 15407-1
Pneumatic connection 5	Sub-base, size 18 mm as per ISO 15407-1
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum
Material of screws	Steel Galvanized