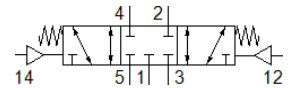
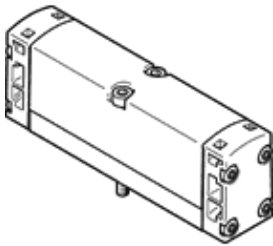


Pneumatic valve VSPA-B-P53C-A2

Part number: 546730

FESTO

Width 18 mm



Data sheet

| Feature | Value |
|--|---|
| Valve function | 5/3 closed |
| Type of actuation | pneumatic |
| Width | 18 mm |
| Standard nominal flow rate | 450 l/min |
| Working pressure | -0.9 ... 10 bar |
| Design structure | Piston slide |
| Type of reset | mechanical spring |
| Nominal size | 5 mm |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Conforms to standard | ISO 15407-1 VDMA 24563 |
| Type of piloting | direct |
| Flow direction | reversible |
| Lap | Positive overlap |
| Pilot pressure | 3 ... 10 bar |
| Flow rate of valve | 650 l/min |
| Flow rate of valve on individual subbase | 500 l/min |
| Flow rate of pneumatically linked valve | 450 l/min |
| Switching time off | 18 ms |
| Switching time on | 9 ms |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 0 - No corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Medium temperature | -10 ... 60 °C |
| Relative air humidity | 0 - 90 % |
| Pilot medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Ambient temperature | -10 ... 60 °C |
| Max. tightening torque, valve mounting | 0.9 ... 1.1 Nm |
| Product weight | 80 g |
| Pilot air port 12 | Connection plate size 18 mm, according to ISO 15407-1 |
| Pilot air port 14 | Connection plate size 18 mm, according to ISO 15407-1 |
| Pneumatic connection, port 1 | Connection plate size 18 mm, according to ISO 15407-1 |
| Pneumatic connection, port 2 | Connection plate size 18 mm, according to ISO 15407-1 |
| Pneumatic connection, port 3 | Connection plate size 18 mm, according to ISO 15407-1 |
| Pneumatic connection, port 4 | Connection plate size 18 mm, according to ISO 15407-1 |
| Pneumatic connection, port 5 | Connection plate size 18 mm, according to ISO 15407-1 |
| Materials note | Conforms to RoHS |
| Material seals | NBR |
| Material housing | Aluminum die cast |
| Material screws | Steel Galvanized |