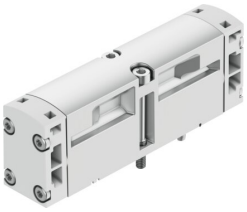
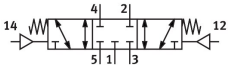
# Pneumatic valve
# VSPA-B-P53C-A2

Part number: 546730






## Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/3-way, closed |
| Actuation type | Pneumatic |
| Width | 18 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 450 l/min |
| Pneumatic working port | Sub-base, size 18 mm as per ISO 15407-1<br>Connecting plate size 02 according to VDMA 24563<br>G1/8 |
| Operating pressure | -0.9 bar...10 bar |
| Structural design | Piston gate valve |
| Reset method | Mechanical spring |
| Nominal width | 5 mm |
| Exhaust air function | Adjustable |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | ISO 15407-1<br>VDMA 24563 |
| Type of control | directly |
| Flow direction | Reversible |
| Lap | Positive overlap |
| Pilot pressure | 3 bar...10 bar |
| Flow rate of pneumatic valve | 650 l/min |
| Flow rate of pneumatic valve on individual sub-base | 500 l/min |
| Optimized flow rate of pneumatic valve pneumatically concatenated flow | 450 l/min |
| Switching time off | 18 ms |
| On switching time | 9 ms |
| Explosion prevention and protection | Zone 2 (ATEX)<br>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 |
| Temperature of medium | -10 °C...60 °C |

| Feature | Value |
|---|---|
| Relative air humidity | 0 - 90% |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Ambient temperature | -10 °C...60 °C |
| Max. tightening torque for valve mounting | 0.9 Nm...1.1 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<br>Galvanized |