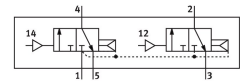
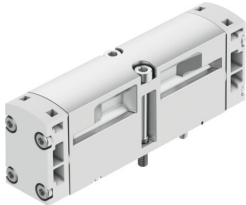


# Pneumatic valve VSPA-B-T32C-A2

Part number: 546721

**FESTO**



## Data sheet

| Feature                                                                | Value                                                                                               |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Valve function                                                         | 2x3/2 closed, monostable                                                                            |
| Actuation type                                                         | Pneumatic                                                                                           |
| Width                                                                  | 18 mm                                                                                               |
| Normal nominal flow rate (normalized to DIN 1343)                      | 400 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                                                     | 2 bar...10 bar                                                                                      |
| Structural design                                                      | Piston gate valve                                                                                   |
| Reset method                                                           | Pneumatic 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                                                         | Non-reversible                                                                                      |
| Lap                                                                    | Positive overlap                                                                                    |
| Pilot pressure                                                         | 2 bar...10 bar                                                                                      |
| Flow rate of pneumatic valve                                           | 600 l/min                                                                                           |
| Flow rate of pneumatic valve on individual sub-base                    | 450 l/min                                                                                           |
| Optimized flow rate of pneumatic valve pneumatically concatenated flow | 400 l/min                                                                                           |
| Switching time off                                                     | 15 ms                                                                                               |
| On switching time                                                      | 10 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                           |