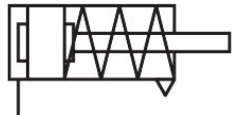


# Short-stroke cylinder AEVC-50-25-A-P

Part number: 188259

**FESTO**



## Data sheet

| Feature                                                      | Value                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------------|
| Stroke                                                       | 25 mm                                                              |
| Piston diameter                                              | 50 mm                                                              |
| Spring resetting force with piston rod in retracted position | 40 N                                                               |
| Based on norm                                                | ISO 6431<br>Hole pattern<br>VDMA 24562                             |
| Cushioning                                                   | Elastic cushioning rings/pads at both ends                         |
| Mounting position                                            | Any                                                                |
| Mode of operation                                            | Pushing<br>Single-acting                                           |
| Structural design                                            | Piston<br>Piston rod                                               |
| Position sensing                                             | None                                                               |
| Operating pressure                                           | 0.1 MPa...1 MPa<br>1 bar...10 bar<br>14.5 psi...145 psi            |
| 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)                             | 1 - Low corrosion stress                                           |
| LABS (PWIS) conformity                                       | VDMA24364-B1/B2-L                                                  |
| Ambient temperature                                          | -20 °C...80 °C                                                     |
| Theoretical force at 6 bar, advancing                        | 1121 N                                                             |
| Moving mass                                                  | 140 g                                                              |
| Product weight                                               | 466 g                                                              |
| Type of mounting                                             | Optionally:<br>With through-hole<br>With accessories               |
| Pneumatic connection                                         | G1/8                                                               |
| Note on materials                                            | RoHS-compliant                                                     |
| Cover material                                               | Wrought aluminum alloy<br>Anodized                                 |
| Seals material                                               | NBR<br>TPE-U(PU)                                                   |

| Feature             | Value                              |
|---------------------|------------------------------------|
| Housing material    | Wrought aluminum alloy<br>Anodized |
| Piston rod material | High-alloy steel                   |