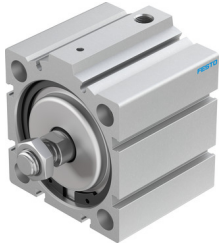


# Short-stroke cylinder AEVC-63-25-A-P-A

Part number: 188281

FESTO



 [General operating condition](#)

## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 25 mm  |
| Piston diameter  | 63 mm  |
| Spring resetting force with piston rod in retracted position | 50 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   | For proximity sensor   |
| Symbol   | 00991729   |
| Operating pressure   | 0.1 MPa ... 1 MPa  |
| Operating pressure   | 1 bar ... 10 bar   |
| Operating pressure   | 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                        | 1798 N   |
| Moving mass  | 179 g  |
| Product weight   | 780 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   | TPE-U(PU)  |
| Housing material   | Wrought aluminum alloy<br>Anodized                                 |
| Piston rod material  | High-alloy steel   |