

Short-stroke cylinder ADVC-100-25-A-P-A

Part number: 188343

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|--|
| Stroke | 25 mm |
| Piston diameter | 100 mm |
| Based on norm | ISO 6431 Hole pattern VDMA 24562 |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Structural design | Piston Piston rod |
| Position sensing | For proximity sensor |
| Symbol | 00991217 |
| 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, retracting | 4418 N |
| Theoretical force at 6 bar, advancing | 4712 N |
| Moving mass | 595 g |
| Moving mass at 0 mm stroke | 515 g |
| Additional moving mass per 10 mm stroke | 40 g |
| Product weight | 2366 g |
| Basic weight with 0 mm stroke | 2145 g |
| Additional weight per 10 mm stroke | 110 g |
| Type of mounting | Optionally: With through-hole With accessories |
| Pneumatic connection | G1/4 |
| Note on materials | RoHS-compliant |
| Cover material | Wrought aluminum alloy Anodized |
| Seals material | TPE-U(PU) |
| Housing material | Wrought aluminum alloy Anodized |

| Feature | Value |
|---------------------|------------------|
| Piston rod material | High-alloy steel |