

Short-stroke cylinder ADVC-16-25-I-P

Part number: 188117

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|--|
| Stroke | 25 mm |
| Piston diameter | 16 mm |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | optional |
| Mode of operation | Double-acting |
| Design | Piston Piston rod |
| Position detection | Without |
| Symbol | 00991227 |
| Operating pressure | 0.1 MPa ... 1 MPa |
| Operating pressure | 1 bar ... 10 bar |
| Operating pressure | 14.5 psi ... 145 psi |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -20 °C ... 80 °C |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 90 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 121 N |
| Moving mass | 19 g |
| Moving mass for 0 mm stroke | 9 g |
| Additional moving mass per 10 mm stroke | 4 g |
| Product weight | 70 g |
| Basic weight for 0 mm stroke | 36 g |
| Additional weight per 10 mm stroke | 20 g |
| Type of mounting | Either: With through-hole With accessories |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Material cover | Wrought aluminium alloy Anodised |
| Material seals | NBR TPE-U(PU) |
| Material housing | Anodised |
| Material piston rod | High-alloy steel |