

Short-stroke cylinder ADVC-100-10-A-P-A

Part number: 188340

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 10 mm |
| Piston diameter | 100 mm |
| Based on standard | ISO 6431 Hole pattern VDMA 24562 |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | optional |
| Mode of operation | Double-acting |
| Design | Piston Piston rod |
| Position detection | Via proximity switch |
| Operating pressure | 0.1 MPa...1 MPa 1 bar...10 bar 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 | 4418 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 4712 N |
| Moving mass | 535 g |
| Moving mass for 0 mm stroke | 515 g |
| Additional moving mass per 10 mm stroke | 40 g |
| Product weight | 2200 g |
| Basic weight for 0 mm stroke | 2145 g |
| Additional weight per 10 mm stroke | 110 g |
| Type of mounting | With through-hole With accessories Either: |
| Pneumatic connection | G1/4 |
| Note on materials | RoHS-compliant |

| Feature | Value |
|---------------------|-------------------------------------|
| Material cover | Wrought aluminium alloy Anodised |
| Material seals | TPE-U(PU) |
| Material housing | Wrought aluminium alloy Anodised |
| Material piston rod | High-alloy steel |