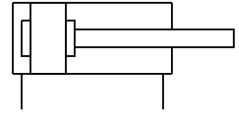


Short-stroke cylinder ADVC-25-5-I-P

Part number: 188177

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 5 mm |
| Piston diameter | 25 mm |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Structural design | Piston Piston rod |
| Position sensing | None |
| Operating pressure | 0.1 MPa...1 MPa 1 bar...10 bar 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 | 247 N |
| Theoretical force at 6 bar, advancing | 295 N |
| Moving mass | 27 g |
| Moving mass at 0 mm stroke | 24 g |
| Additional moving mass per 10 mm stroke | 6 g |
| Product weight | 96 g |
| Basic weight with 0 mm stroke | 88 g |
| Additional weight per 10 mm stroke | 28 g |
| Type of mounting | Optionally: With through-hole With accessories |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Cover material | Wrought aluminum alloy Anodized |
| Seals material | NBR TPE-U(PU) |

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