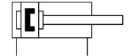
Short-stroke cylinder ADVC-20-25-I-P-A Part number: 188144







Data sheet

| Feature | Value |
|--|--|
| Stroke | 25 mm |
| Piston diameter | 20 mm |
| 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 ℃ 80 ℃ |
| Theoretical force at 6 bar, retracting | 141 N |
| Theoretical force at 6 bar, advancing | 189 N |
| Moving mass | 38 g |
| Moving mass at 0 mm stroke | 23 g |
| Additional moving mass per 10 mm stroke | 6 g |
| Product weight | 171 g |
| Basic weight with 0 mm stroke | 105 g |
| Additional weight per 10 mm stroke | 30 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 | TPE-U(PU) |
| Housing material | Wrought aluminum alloy Anodized |
| Piston rod material | High-alloy steel |