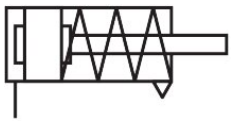
# Short-stroke cylinder
# AEVC-4-5-A-P

Part number: 188053



## Data sheet

| Feature | Value |
|---|---|
| Stroke | 5 mm |
| Piston diameter | 4 mm |
| Spring return force with retracted piston rod | 1 N |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | Any |
| Mode of operation | Pushing<br>Single-acting |
| Design | Piston<br>Piston rod |
| Position detection | None |
| Operating pressure | 0.25 MPa...0.8 MPa<br>2.5 bar...8 bar<br>36.25 psi...116 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), advance stroke | 4.9 N |
| Moving mass | 0.2 g |
| Product weight | 4.3 g |
| Type of mounting | Either:<br>With through-hole<br>With accessories |
| Pneumatic connection | M3 |
| Note on materials | RoHS compliant |
| Material cover | Wrought aluminium alloy<br>anodised |
| Material seals | HNBR<br>NBR |
| Material housing | Wrought aluminium alloy<br>anodised |
| Material piston rod | Wrought aluminium alloy |

| Feature | Value |
| --- | --- |
| | anodised |