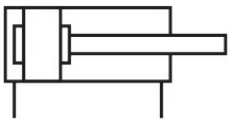
# Short-stroke cylinder
# ADVC-20-5-I-P

Part number: 188145



## Data sheet

| Feature | Value |
|---|---|
| Stroke | 5 mm |
| Piston diameter | 20 mm |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | optional |
| Mode of operation | Double-acting |
| Design | Piston<br>Piston rod |
| Position detection | Without |
| Operating pressure | 0.1 MPa...1 MPa<br>1 bar...10 bar<br>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 | 141 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 189 N |
| Moving mass | 22 g |
| Moving mass for 0 mm stroke | 19 g |
| Additional moving mass per 10 mm stroke | 6 g |
| Product weight | 74 g |
| Basic weight for 0 mm stroke | 67 g |
| Additional weight per 10 mm stroke | 26 g |
| Type of mounting | Either:<br>With through-hole<br>With accessories |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Material cover | Wrought aluminium alloy<br>Anodised |
| Material seals | NBR<br>TPE-U(PU) |

| Feature | Value |
|---|---|
| Material housing | Wrought aluminium alloy<br>Anodised |
| Material piston rod | High-alloy steel |