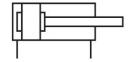
## Short-stroke cylinder ADVC-20-25-A-P Part number: 188159







## **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 Double-acting  |
| Structural design                        | Piston<br>Piston rod   |
| Position sensing                         | None   |
| Operating pressure                       | 0.1 MPa1 MPa<br>1 bar10 bar<br>14.5 psi145 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 °C80 °C  |
| Theoretical force at 6 bar, retracting   | 141 N  |
| Theoretical force at 6 bar, advancing    | 189 N  |
| Moving mass                              | 34 g   |
| Moving mass at 0 mm stroke               | 19 g   |
| Additional moving mass per 10 mm stroke  | 6 g  |
| Product weight                           | 131 g  |
| Basic weight with 0 mm stroke            | 67 g   |
| Additional weight per 10 mm stroke       | 26 g   |
| Type of mounting                         | With through-hole<br>With accessories<br>Optionally:               |
| Pneumatic connection                     | M5   |
| Note on materials                        | RoHS-compliant   |
| Cover material                           | Wrought aluminum alloy<br>Anodized                                 |
| Seals material                           | NBR<br>TPE-U(PU)   |

| Feature             | Value                              |
|---------------------|------------------------------------|
|                     | Wrought aluminum alloy<br>Anodized |
| Piston rod material | High-alloy steel                   |