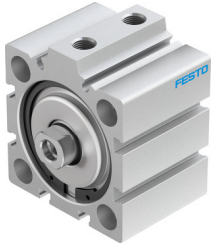


# Short-stroke cylinder ADVC-50-10-I-P-A

Part number: 188260

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 10 mm  |
| Piston diameter                          | 50 mm  |
| Type code                                | ADVC   |
| Based on norm                            | ISO 6431<br>Hole pattern<br>VDMA 24562                             |
| Cushioning                               | Elastic cushioning rings/pads at both ends                         |
| Mounting position                        | Any  |
| Mode of operation                        | Double-acting  |
| Structural design                        | Piston<br>Piston rod   |
| Position sensing                         | For proximity sensor   |
| Symbol                                   | 00991217   |
| Operating pressure                       | 0.6 bar ... 10 bar   |
| 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   |
| Ambient temperature                      | -20 °C ... 80 °C   |
| Theoretical force at 6 bar, retracting   | 1057 N   |
| Theoretical force at 6 bar, advancing    | 1178 N   |
| Moving mass                              | 107 g  |
| Product weight                           | 425 g  |
| Type of mounting                         | Optionally:<br>With through-hole<br>With accessories               |
| Pneumatic connection                     | G1/8   |
| Note on materials                        | Free of copper and PTFE  |
| Cover material                           | Wrought aluminum alloy<br>Anodized                                 |
| Seals material                           | TPE-U(PU)  |
| Housing material                         | Wrought aluminum alloy<br>Anodized                                 |
| Piston rod material                      | High-alloy steel   |