

# Short-stroke cylinder ADVC-40-10-I-P

Part number: 188238

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 10 mm                                                              |
| Piston diameter                          | 40 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                         | None                                                               |
| Symbol                                   | 00991227                                                           |
| Operating pressure                       | 1 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   | 686 N                                                              |
| Theoretical force at 6 bar, advancing    | 754 N                                                              |
| Moving mass                              | 74 g                                                               |
| Product weight                           | 255 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                           | NBR<br>TPE-U(PU)                                                   |
| Housing material                         | Wrought aluminum alloy<br>Anodized                                 |
| Piston rod material                      | High-alloy steel                                                   |