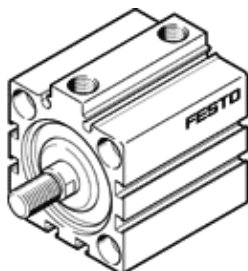


# short-stroke cylinder ADVC-80-15-A-P-A

Part number: 188317

FESTO

For proximity sensing, piston-rod end with male thread.



## Data sheet

| Feature                                    | values  |
|--|---|
| Stroke                                     | 15 mm   |
| Piston diameter                            | 80 mm   |
| Based on the standard                      | ISO 6431<br>Hole pattern<br>VDMA 24562                                      |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                          | Any   |
| Mode of operation                          | double-acting   |
| Design structure                           | Piston<br>Piston rod  |
| Position detection                         | For proximity sensor  |
| Operating pressure                         | 1 ... 10 bar  |
| Operating medium                           | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium         | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC    | 1 - Low corrosion stress  |
| Ambient temperature                        | -20 ... 80 °C   |
| Theoretical force at 6 bar, return stroke  | 2,827 N   |
| Theoretical force at 6 bar, advance stroke | 3,016 N   |
| Moving mass                                | 289 g   |
| Product weight                             | 1,940 g   |
| Mounting type                              | Optional<br>with through hole<br>with accessories                           |
| Pneumatic connection                       | G1/8  |
| Materials note                             | Free of copper and PTFE   |
| Materials information for cover            | Wrought Aluminium alloy<br>Anodised   |
| Materials information for seals            | TPE-U(PU)   |
| Materials information, housing             | Wrought Aluminium alloy<br>Anodised   |
| Materials information for piston rod       | High alloy steel  |