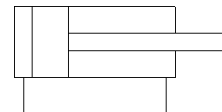
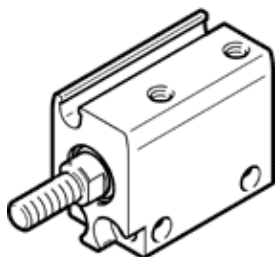


# compact cylinder

## ADN-S-10-10-A

Part number: 8080588

FESTO



### Data sheet

| Feature  | Value   |
|--|---|
| Stroke   | 10 mm   |
| Piston diameter  | 10 mm   |
| Cushioning   | No cushioning   |
| Assembly position  | Any   |
| Mode of operation  | double-acting   |
| Piston-rod end   | Male thread   |
| Design structure   | Piston<br>Piston rod  |
| Variants   | Single-ended piston rod   |
| Operating pressure MPa                                   | 0.1 ... 0.8 MPa   |
| Operating pressure                                       | 1 ... 8 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                  | 2 - Moderate corrosion stress   |
| PWIS conformity  | VDMA24364-B2-L  |
| Ambient temperature                                      | -10 ... 60 °C   |
| Impact energy in end positions                           | 0.012 J   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 30.2 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance    | 47 N  |
| Moving mass  | 5.3 g   |
| Product weight   | 19 g  |
| Mounting type  | with through hole   |
| Pneumatic connection                                     | M3  |
| Materials note   | Conforms to RoHS  |
| Material cover   | Wrought Aluminium alloy   |
| Material of dynamic seals                                | NBR<br>TPE-U(PU)  |
| Material housing   | Wrought Aluminium alloy<br>Anodised   |
| Material piston rod                                      | High alloy steel, non-corrosive   |