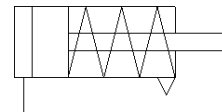
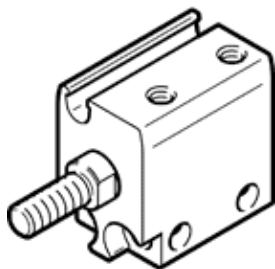


compact cylinder AEN-S-10-5-A

Part number: 8080583

FESTO



Data sheet

| Feature | Value |
|--|---|
| Stroke | 5 mm |
| Piston diameter | 10 mm |
| Cushioning | No cushioning |
| Assembly position | Any |
| Mode of operation | pushing action |
| Piston-rod end | Male thread |
| Design structure | Piston Piston rod |
| Variants | Single-ended piston rod |
| Operating pressure MPa | 0.15 ... 0.8 MPa |
| Operating pressure | 1.5 ... 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 | 5.3 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 41.7 N |
| Moving mass | 4.1 g |
| Product weight | 17 g |
| Mounting type | with through hole |
| Pneumatic connection | M3 |
| Materials note | Conforms to RoHS |
| Material cover | Wrought Aluminium alloy |
| Material of dynamic seals | NBR TPE-U(PU) |
| Material housing | Wrought Aluminium alloy Anodised |
| Material piston rod | High alloy steel, non-corrosive |