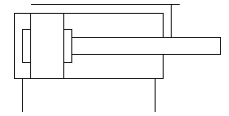
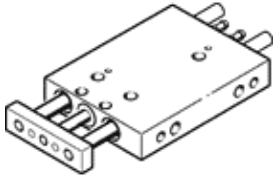


mini guided drive DFC-4-5-P-GF

Part number: 189479

FESTO

no sensing facility, with plain-bearing guide.



Data sheet

| Feature | Value |
|---|---|
| Centre of gravity distance from working load to yoke plate | 5 mm |
| Stroke | 5 mm |
| Piston diameter | 4 mm |
| Operating mode of drive unit | Yoke |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Guide | Plain-bearing guide |
| Design structure | Guide |
| Position detection | No |
| Operating pressure MPa | 0.35 ... 0.7 MPa |
| Operating pressure | 3.5 ... 7 bar |
| Max. speed | 1 m/s |
| Mode of operation | double-acting |
| 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 | -5 ... 60 °C |
| Impact energy in end positions | 0.05 Nm |
| Max. torque Mx | 0.02 Nm |
| Max. useful load as a function of the stroke at defined distance xs | 1.7 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 5.5 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 7.5 N |
| Moving mass | 3.2 g |
| Moving mass with 0 mm stroke | 3.2 g |
| Additional mass factor per 10 mm of stroke | 1.3 g |
| Product weight | 10 g |
| Pneumatic connection | PK-2 |
| Material cover | Wrought Aluminium alloy |
| Material seals | NBR |
| Material housing | Wrought Aluminium alloy |
| Material piston rod | High alloy steel, non-corrosive |