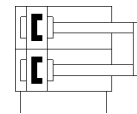
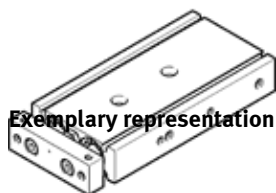


Twin-piston cylinder DGTZ-GF-10- -P-A

Part number: 8116418

FESTO



Data sheet

| Feature | Value |
|---|---|
| Stroke | 81 ... 150 mm |
| Adjustable end-position range/length | 10 mm |
| Piston diameter | 10 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 | For proximity sensor |
| Operating pressure MPa | 0.15 ... 0.8 MPa |
| Working pressure | 1.5 ... 8 bar |
| 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 | 1 - Low corrosion stress |
| PWIS conformity | VDMA24364 zone III |
| Ambient temperature | -10 ... 80 °C |
| Impact energy in end positions | 0.08 Nm |
| Max. useful load as a function of the stroke at defined distance xs | 1 ... 2 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 60 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 94 N |
| Moving mass | 72 ... 103 g |
| Moving mass with 0 mm stroke | 35.5 g |
| Additional mass factor per 10 mm of stroke | 4.5 g |
| Product weight | 277 ... 415 g |
| Basic weight for 0 mm stroke | 115 g |
| Additional weight per 10 mm stroke | 20 g |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Material cover | Wrought Aluminum alloy |
| Material seals | NBR |
| Material housing | Anodised wrought aluminium alloy |
| Material piston rod | High alloy steel, non-corrosive |