

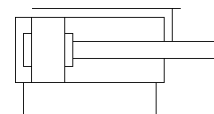
mini guided drive

DFC-4-10-P-GF

Part number: 189452

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	10 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	0.006 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	12.5 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