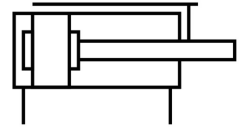


Mini guided drive DFC-4-10-P-GF

Part number: 189452

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Distance from centre of gravity of load to yoke plate xs	5 mm
Stroke	10 mm
Piston diameter	4 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Guide	Plain-bearing guide
Design	Guidance
Position detection	Without
Symbol	00991738
Operating pressure	0.35 MPa ... 0.7 MPa
Operating pressure	3.5 bar ... 7 bar
Max. speed	1 m/s
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-5 °C ... 60 °C
Impact energy in end positions	0.006 J
Max. moment Mx	0.02 Nm
Max. effective load dependent upon stroke at defined distance xs	1.7 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	5.5 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	7.5 N
Moving mass	3.2 g
Moving mass for 0 mm stroke	3.2 g
Additional moving mass per 10 mm 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 stainless steel