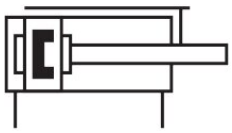
Mini guided drive
DFC-10-5-P-A-KF

Part number: 189473





Data sheet

Feature	Value
Distance from centre of gravity of load to yoke plate xs	15 mm
Stroke	5 mm
Piston diameter	10 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Guide	Recirculating ball bearing guide
Design	Guidance
Position detection	Via proximity switch
Operating pressure	0.1 MPa...1 MPa 1 bar...10 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	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-5 °C...60 °C
Impact energy in end positions	0.05 Nm
Max. moment Mx	0.3 Nm
Max. effective load dependent upon stroke at defined distance xs	9.8 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	35 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	47 N
Moving mass	27.2 g
Moving mass for 0 mm stroke	27.2 g
Additional moving mass per 10 mm stroke	7.2 g
Product weight	91 g
Pneumatic connection	M5
Material cover	Wrought aluminium alloy
Material seals	NBR
Material housing	Wrought aluminium alloy

Feature	Value
Material piston rod	High-alloy stainless steel