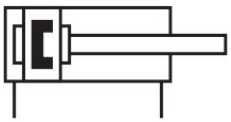
Flat cylinder
DZF-40-10-P-A

Part number: 164053





General operating condition
Flat cylinder
Product details
Category page
Spare parts

Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	40 mm Equivalent diameter
Piston rod thread	M8
Torsional backlash at piston rod +/-	0.6 deg
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Mode of operation	Double-acting
Design	Piston Piston rod
Position detection	Via proximity switch
Symbol	00991217
Variants	Piston rod at one end
Protection against torque/guide	Oval piston
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
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-B1/B2-L
Ambient temperature	-20 °C ... 80 °C
Impact energy in end positions	0.52 J
Max. torque for protection against torsion	1 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	633 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	754 N
Moving mass for 0 mm stroke	120 g
Additional moving mass per 10 mm stroke	16 g
Additional weight per 10 mm stroke	40 g
Basic weight for 0 mm stroke	480 g
Type of mounting	With female thread With accessories
Pneumatic connection	G1/8

Feature	Value
Material cover	Die-cast aluminium
Material seals	NBR TPE-U(PU)
Material housing	Anodised wrought aluminium alloy
Material piston seal	NBR
Material piston rod	High-alloy steel