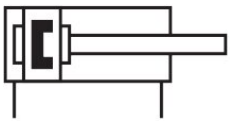
Flat cylinder
DZF-2 1/2"- -A-P-A

Part number: 162978





Data sheet

Feature	Value
Stroke	0.04 in...13 in
Piston diameter	2 1/2" Equivalent diameter
Piston rod thread	5/8-18 UNF-2A
Max. angle of rotation of the piston rod +/-	0.4 deg
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Piston Piston rod
Position sensing	Via proximity switch
Variants	Piston rod at one end
Protection against torsion/guide	Oval piston
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-4 °F...176 °F
Impact energy in the end positions	0.52 ft-lbf
Max. torque for protection against rotation	13.3 lnf
Theoretical force at 6 bar, retracting	378 lbf
Theoretical force at 6 bar, advancing	420 lbf
Moving mass at 0 mm stroke	337 g
Moving mass with 0 inch stroke	11.89 oz
Additional moving mass per 10 mm stroke	25 g
Additional moving mass per 1 inch stroke	2.24 oz
Additional weight per 10 mm stroke	91 g
Additional weight per 1 inch stroke	8.15 oz
Basic weight with 0 mm stroke	1379 g
Basic weight with 0 inch stroke	48.64 oz

Feature	Value
Type of mounting	Alternatively: With internal thread With accessories
Pneumatic connection	1/4 NPT
Cover material	Die-cast aluminum
Seals material	NBR TPE-U(PU)
Housing material	Wrought aluminum alloy, anodized
Piston seal material	NBR
Piston rod material	High-alloy steel