

# Flat cylinder DZF-2 1/2""-8""-A-P-A

Part number: 194271

FESTO



## Data sheet

Feature	Value
Stroke	8 in
Piston diameter	2 1/2 " "
Max. angle of rotation of the piston rod +/-	0.4 deg
Cushioning	Elastic cushioning rings/pads at both ends
Mode of operation	Double-acting
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	-20 °C...80 °C
Theoretical force at 6 bar, retracting	1682 N
Theoretical force at 6 bar, advancing	1870 N
Moving mass at 0 mm stroke	337 g
Additional weight per 10 mm stroke	25 g
Basic weight with 0 mm stroke	1379 g
Pneumatic connection	1/4 NPT
Cover material	Aluminum
Seals material	FPM TPE-U(PU)
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy steel