

Flat cylinder
DZF-1 5/8"-12"-P-A
Part number: 194230

FESTO



Data sheet

Feature	Value
Stroke	12 in
Piston diameter	1 5/8"
Torsional backlash at piston rod +/-	0.6 deg
Cushioning	Elastic cushioning rings/plates at both ends
Mode of operation	Double-acting
Protection against torque/guide	Oval piston
Operating pressure	0.1 MPa...1 MPa 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
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	24 g
Additional weight per 10 mm stroke	16 g
Basic weight for 0 mm stroke	480 g
Pneumatic connection	1/8 NPT
Material cover	Aluminium
Material seals	FPM TPE-U(PU)
Material housing	Wrought aluminium alloy
Material piston rod	High-alloy steel