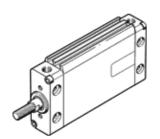
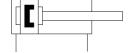
Flat cylinder DZF-2"-1"-A-P-A Part number: 194237

FESTO

Non-rotating, for position sensing, with elastic cushioning rings in end positions. Various mounting options, with or without additional mounting components.





Data sheet

Feature	Value
Stroke	1"
Piston diameter	2"
Max. angular deflection of piston rod +/-	0.5 deg
Cushioning	P: Flexible cushioning rings/plates at both ends
Mode of operation	double-acting
Protection against torque/guide	Oval piston
Operating pressure MPa	0.1 1 MPa
Working pressure	1 10 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	990 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	1,178 N
Moving mass with 0 mm stroke	219 g
Additional mass factor per 10 mm of stroke	24 g
Additional weight per 10 mm stroke	25 g
Basic weight for 0 mm stroke	854 g
Pneumatic connection	1/4 NPT
Material cover	Aluminum
Material seals	FPM
	TPE-U(PU)
Material housing	Wrought Aluminum alloy
Material piston rod	High alloy steel