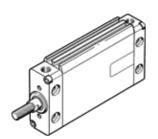
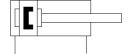
flat cylinder DZF-1"-1"-A-P-A Part number: 194160

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	1"
Max. angular deflection of piston rod +/-	1 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
Operating 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	247 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	295 N
Moving mass with 0 mm stroke	40 g
Additional weight per 10 mm stroke	6 g
Basic weight for 0 mm stroke	168 g
Pneumatic connection	10-32 UNF-2B
Material cover	Aluminium
Material seals	FPM
	TPE-U(PU)
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive