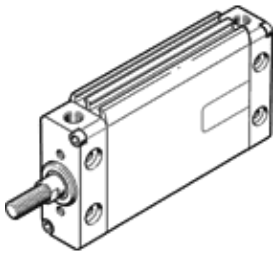
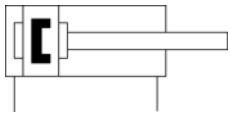
Flat cylinder
DZF-1 5/8"-1"-A-P-A

Part number: 194210

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	values
Stroke	1 "
Piston diameter	1 5/8"
Max. angular deflection of piston rod +/-	0.6 deg
Cushioning	P: Flexible cushioning rings/plates at both ends
Mode of operation	double-acting
Protection against torque/guide	Oval piston
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
Ambient temperature	-20 ... 80 °C
Theoretical force at 6 bar, return stroke	633 N
Theoretical force at 6 bar, advance stroke	754 N
Moving mass with 0 mm stroke	120 g
Additional weight per 10 mm stroke	16 g
Basic weight for 0 mm stroke	480 g
Additional mass factor per 10 mm of stroke	9 g
Pneumatic connection	NPT1/8-27
Materials information for cover	Aluminum
Materials information for seals	FPM TPE-U(PU)
Materials information, housing	Wrought Aluminum alloy
Materials information for piston rod	High alloy steel