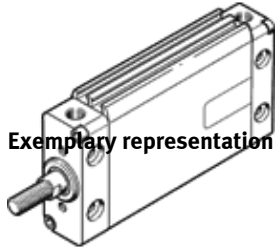


# Flat cylinder DZF-2 1/2"- -A-P-A-S6

Part number: 194258

FESTO

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



Exemplary representation



## Data sheet

Feature	Value
Stroke	0.04 ... 13 "
Piston diameter	2 1/2"
Max. angular deflection of piston rod +/-	0.4 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	0 ... 120 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	1,682 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	1,870 N
Moving mass with 0 mm stroke	337 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	1,379 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