

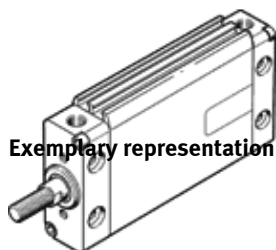
# flat cylinder

## DZF-40- -A-P-A-S6

Part number: 161277

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	1 ... 320 mm
Piston diameter	40 mm Equivalent diameter
Max. angular deflection of piston rod +/-	0.6 deg
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	Heat resistant seals, max. 120°C
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	0 ... 120 °C
Max. torque for protection against rotation	1 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	633 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	754 N
Moving mass with 0 mm stroke	120 g
Additional mass factor per 10 mm of stroke	16 g
Additional weight per 10 mm stroke	40 g
Basic weight for 0 mm stroke	480 g
Mounting type	with internal (female) thread with accessories Optional
Pneumatic connection	G1/8
Material cover	Wrought Aluminium alloy
Material seals	FPM
Material housing	Aluminium Smooth anodised
Material piston rod	High alloy steel