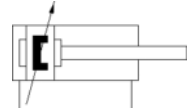
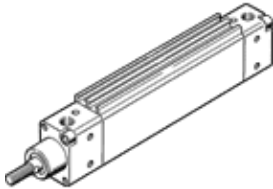


Flat cylinder DZH-25-80-PPV-A

Part number: 151124

FESTO

Non-rotating, for proximity sensing, with adjustable cushioning at both ends. Various mounting options, with or without additional mounting components.



Data sheet

Feature	values
Stroke	80 mm
Piston diameter	25 mm Equivalent diameter
Max. angular deflection of piston rod +/-	2.4 deg
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Piston Piston rod
Position detection	For proximity sensor
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
Cushioning length	17 mm
Max. torque for protection against rotation	0.8 Nm
Theoretical force at 6 bar, return stroke	247 N
Theoretical force at 6 bar, advance stroke	295 N
Additional weight per 10 mm stroke	21 g
Basic weight for 0 mm stroke	330 g
Mounting type	Optional with internal (female) thread with accessories
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Materials information for cover	Aluminum
Materials information for seals	TPE-U(PU)
Materials information, housing	Aluminum
Materials information for piston rod	High alloy steel