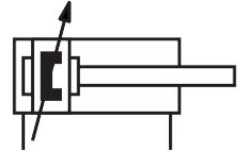


Flat cylinder DZH-16- -PPV-A-S6

Part number: 151156

FESTO



Data sheet

Feature	Value
Stroke	1 mm...200 mm
Piston diameter	16 mm Equivalent diameter
Piston rod thread	M6
Max. angle of rotation of the piston rod +/-	3.1 deg
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Piston Piston rod Profile barrel
Position sensing	Via proximity switch
Variants	Heat-resistant seals max. 120°C
Protection against torsion/guide	Oval piston
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	0 °C...120 °C
Cushioning length	14 mm
Max. torque for protection against rotation	0.5 Nm
Theoretical force at 6 bar, retracting	104 N
Theoretical force at 6 bar, advancing	121 N
Moving mass at 0 mm stroke	55 g
Additional moving mass per 10 mm stroke	2.2 g
Additional weight per 10 mm stroke	12 g
Basic weight with 0 mm stroke	160 g
Type of mounting	Alternatively: With internal thread With accessories
Pneumatic connection	M5

Feature	Value
Note on materials	RoHS compliant
Cover material	Aluminum
Seals material	FPM
Housing material	Aluminum
Piston seal material	FPM
Piston rod material	High-alloy steel