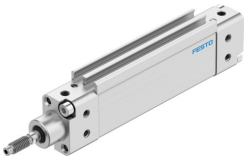
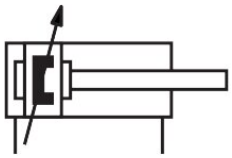
Flat cylinder
DZH-16- -PPV-A-S6

Part number: 151156





Data sheet

Feature	Value
Stroke	1 mm...200 mm
Piston diameter	16 mm Equivalent diameter
Piston rod thread	M6
Torsional backlash at piston rod +/-	3.1 deg
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Mode of operation	Double-acting
Design	Piston Piston rod Profile barrel
Position detection	Via proximity switch
Variants	Heat-resistant seals max. 120°C
Protection against torque/guide	Oval piston
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
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 torsion	0.5 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	104 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	121 N
Moving mass for 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 for 0 mm stroke	160 g
Type of mounting	Either: With female thread With accessories

Feature	Value
Pneumatic connection	M5
Note on materials	RoHS compliant
Material cover	Aluminium
Material seals	Fluoro rubber
Material housing	Aluminium
Material piston seal	Fluoro rubber
Material piston rod	High-alloy steel