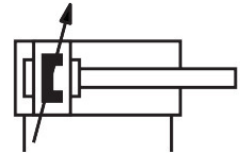


# Flat cylinder DZH-50- -PPV-A-S6

Part number: 16533

**FESTO**



## Data sheet

Feature	Value
Stroke	1 mm...1000 mm
Piston diameter	50 mm Equivalent diameter
Torsional backlash at piston rod +/-	0.75 deg
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	optional
Mode of operation	Double-acting
Design	Piston Piston rod
Position detection	Via proximity switch
Variants	Heat-resistant seals max. 120°C
Protection against torque/guide	Oval piston
Operating pressure	0.6 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	23 mm
Max. torque for protection against torsion	1.7 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	989.6 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	1178 N
Additional weight per 10 mm stroke	60 g
Basic weight for 0 mm stroke	1200 g
Type of mounting	Via female thread With accessories Either:
Pneumatic connection	G1/4
Note on materials	RoHS-compliant
Material cover	Aluminium
Material seals	TPE-U(PU)
Material housing	Aluminium

Feature	Value
Material piston rod	High-alloy steel