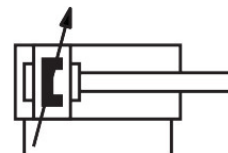


# Flat cylinder DZH-1"- -PPV-A-S2

Part number: 157614

FESTO



## Data sheet

Feature	Value
Stroke	0.04 in...20 in
Piston diameter	1 "
Max. angle of rotation of the piston rod +/-	2.4 deg
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Mode of operation	Double-acting
Structural design	Piston Piston rod
Position sensing	For proximity sensor
Variants	Through piston rod
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	-20 °C...80 °C
Cushioning length	17 mm
Max. torque for protection against rotation	0.8 Nm
Theoretical force at 6 bar, retracting	247 N
Theoretical force at 6 bar, advancing	247 N
Additional weight per 10 mm stroke	21 g
Basic weight with 0 mm stroke	330 g
Type of mounting	Optionally: With internal thread With accessories
Pneumatic connection	1/8 NPT
Note on materials	RoHS-compliant
Cover material	Aluminum
Seals material	TPE-U(PU)
Housing material	Aluminum

Feature	Value
Piston rod material	High-alloy steel