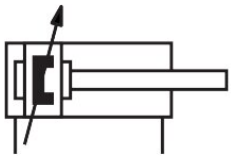
Flat cylinder
DZH-40-160-PPV-A

Part number: 14058





General operating condition

Data sheet

Feature	Value
Stroke	160 mm
Piston diameter	40 mm Equivalent diameter
Piston rod thread	M12x1.25
Torsional backlash at piston rod +/-	1.4 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
Symbol	00991235
Variants	Piston rod at one end
Protection against torque/guide	Oval piston
Operating pressure	0.06 MPa ... 1 MPa
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	-20 °C ... 80 °C
Cushioning length	21 mm
Max. torque for protection against torsion	1.2 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	633 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	754 N
Moving mass	489 g
Product weight	1428 g
Additional weight per 10 mm stroke	37 g
Basic weight for 0 mm stroke	836 g
Type of mounting	Either: Via female thread With accessories
Pneumatic connection	G1/4
Note on materials	RoHS-compliant
Material cover	Aluminium

Feature	Value
Material seals	TPE-U(PU)
Material housing	Aluminium
Material piston seal	TPE-U(PU)
Material piston rod	High-alloy steel