

Flat Cylinder DZH-32-125-PPV-A - Festo 14046

Item no. FES-14046

Manufacturer Festo

EAN 4052568112240

Festo pneumatic cylinder for precise linear motion and defined force in automation.

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Bohrung (mm)	32.000000
Corrosion resistance class CRC	2 - moderate corrosion stress
Cushioning	PPV: Pneumatic dampening both sides adjustable
Design	Piston, piston rod
Dichtmaterial	TPE-U(PU)
Funktion	doppeltwirkend
HS-Code	84123100
Hub [mm]	125.000000
Medium	Druckluft
Mounting position	arbitrary
Pneumatischer Anschluss	G1/8
Position sensing	Yes
Serie	DZH
Temperature (max.)	80
Weight	0.8 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo pneumatic cylinder for precise linear motion and defined force in automation. The key technical data of this genuine Festo article are listed below.

Stroke [mm]	125
Piston diameter	32 mm Equivalent diameter
Max. twist angle of the piston rod $\pm$ [deg]	1,70
Dampening	PPV: Pneumatic dampening both sides adjustable
installation position	arbitrary
Principle of operation	double acting
Construction set up	Piston piston rod

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Position detection	For proximity switch
Anti-twist lock / guide	Oval piston
Operating pressure [bar]	0.6 to 10
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	2 - moderate corrosion stress
ambient temperature [°C]	-20 to 80
Dampening length [mm]	19
Max. torque of anti-rotation safety [Nm]	1,0
Theoretical force at 6 bar, Return flow [N]	415,0
Theoretical force at 6 bar, flow [N]	483
Weight supplement per 10 mm stroke [g]	30
Base weight at 0 mm stroke [g]	500
Fastening type	With female thread With Accessories Selectively:
Pneumatic connection	G1/8
Material information	RoHs compliant
Cover material	Aluminium
Seals material	TPE-U(PU)
Housing material	Aluminium
Piston rod material	High-alloyed steel