

Standards-Based Cylin DNC-50-400-PPV - Festo 163393

Item no. FES-163393

Manufacturer Festo

EAN 4052568134204

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

TECHNICAL DATA

Ausführungstyp	einseitige Kolbenstange
Betriebsdruck max [bar]	12.000000
Bore (mm)	50.000000
Corrosion resistance class CRC	2 - moderate corrosion stress
Cushioning	PPV: Pneumatic dampening both sides adjustable
Design	Piston, piston rod, profile tube
Dichtmaterial	TPE-U(PU)
Funktion	double-acting
HS-Code	84123100
Hub [mm]	400
Medium	Compressed air
Mounting position	arbitrary
Norm	ISO 15552
Operating conditions	ISO 8573-1
Pneumatic connection	G1/4
Series	DNC
Temperature (max.)	80
Weight	3.8 kg



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]	400
Piston diameter	50 mm
Piston rod thread	M16x1,5
Dampening	PPV: Pneumatic dampening both sides adjustable
installation position	arbitrary
Complies to standard	ISO 15552

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Piston rod end	Male thread
Construction set up	Piston piston rod profile tube
Position detection	without
Variants	One-sided piston rod
Operating pressure [bar]	0.6 to 12
Principle of operation	double acting
Maritime classification	see Certificate
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
Impact energy at the end positions [J]	0,2
Dampening length [mm]	22
Theoretical force at 6 bar, Return flow [N]	990
Theoretical force at 6 bar, flow [N]	1.178
Moving mass at 0 mm stroke [g]	538
Weight supplement per 10 mm stroke [g]	64
Base weight at 0 mm stroke [g]	1.260
Supplement moved mass per 10 mm stroke [g]	25
Fastening type	With female thread With Accessories
Pneumatic connection	G1/4
Material information	RoHs compliant
Cover material	Aluminium die casting Coated
Seals material	TPE-U(PU)
Piston rod material	High-alloyed steel
Cylinder tube material	Aluminium wrought alloy Smooth anodised