

Linear Drive DGPL-25-400-PPV-A-B-KF - Festo 526650

Item no. FES-526650

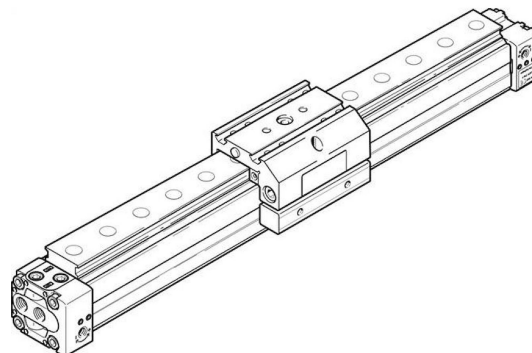
Manufacturer Festo

EAN 4052568162399

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
Bore (mm)	25.000000
Corrosion resistance class CRC	0 - No corrosion stressing
Cushioning	PPV: Pneumatic dampening both sides adjustable, YSR: Shock absorber, hard characteristic curve
Dichtmaterial	NBR, TPE-U(PU)
Funktion	double-acting
HS-Code	84123100
Hub [mm]	400
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Operating conditions	ISO 8573-1
Pneumatic connection	G1/8
Position sensing	Yes
Series	DGPL
Temperature (max.)	60
Weight	3.5 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	25 mm
Dampening	PPV: Pneumatic dampening both sides adjustable YSR: Shock absorber, hard characteristic curve
installation position	arbitrary
Guide	ball guide

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Carrier principle	Form-fitting (slot)
Position detection	For proximity switch
Operating pressure [bar]	2 to 8
Principle of operation	double acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	0 - No corrosion stressing
ambient temperature [°C]	-10 to 60
Dampening length [mm]	18
Theoretical force at 6 bar, Return flow [N]	295
Theoretical force at 6 bar, flow [N]	295
Moving mass [g]	600
Moving mass at 0 mm stroke [g]	600
Base weight at 0 mm stroke [g]	1.520
Supplement moved mass per 10 mm stroke [g]	53
Alternative connections	See product drawing
Pneumatic connection	G1/8
Cover material	Cast aluminium Coated
Seals material	NBR TPE-U(PU)
Housing material	aluminium anodized