

Twin-Piston Cylinder DPZ-16-25-P-A-S2 - Festo 159868

Item no. FES-159868

Manufacturer Festo

EAN 4052568127220

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

TECHNICAL DATA

Ausführungstyp	durchgehende Kolbenstange
Betriebsdruck max [bar]	10.000000
Bore (mm)	16.000000
Corrosion resistance class CRC	2 - moderate corrosion stress
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Guide
Dichtmaterial	NBR
Funktion	double-acting
HS-Code	84123100
Hub [mm]	25
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Operating conditions	ISO 8573-1
Pneumatic connection	M5
Position sensing	Yes
Series	DPZ
Temperature (max.)	80
Weight	0.55 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]	25
Alignable end position range/Length [mm]	10
Piston diameter	16 mm
Operating mode actuator unit	Joch
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary

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Page 1/2

Guide	sliding guide
Construction set up	Guide
Position detection	For proximity switch
Operating pressure [bar]	1 to 10
Principle of operation	double acting
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]	0,15
Theoretical force at 6 bar, Return flow [N]	180
Theoretical force at 6 bar, flow [N]	180
Alternative connections	See product drawing
Pneumatic connection	M5
Cover material	Aluminium wrought alloy
Seals material	NBR
Housing material	Aluminium wrought alloy
Piston rod material	High-alloyed stainless steels
Variants	continuous piston rod