

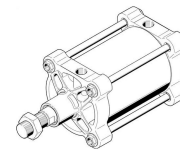
# Standards-Based Cyli DSBG-160-320-P-N3 - Festo 2536756

<b>Item no.</b>	FES-2536756	<b>Manufacturer</b>	Festo
<b>Manufacturer no.</b>	DSBG-160-320-P-N3	<b>EAN</b>	4052568254506

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

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Betriebsdruck max [bar]	<b>10.000000</b>
Bohrung (mm)	<b>160.000000</b>
Condition of article	<b>New</b>
HS-Code	<b>84123100</b>
Hub [mm]	<b>320.000000</b>
Pneumatischer Anschluss	<b>G3/4</b>
Weight	<b>11.751 kg</b>



## 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]	320
Piston diameter	160 mm
Piston rod thread	M36x2
Dampening installation position	P: Elastic silencer rings / plates double-sided arbitrary
Complies to standard	ISO 15552
Piston rod end	Male thread
Construction set up	Piston piston rod cylinder tube Tension rod

Variants	One-sided piston rod
Operating pressure [bar]	0.6 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]	3,3
Dampening length [mm]	48
Theoretical force at 6 bar, Return flow [N]	11.310
Theoretical force at 6 bar, flow [N]	12064
Moving mass at 0 mm stroke [g]	4.292
Weight supplement per 10 mm stroke [g]	97
Base weight at 0 mm stroke [g]	11.751
Supplement moved mass per 10 mm stroke [g]	208
Fastening type	With female thread With Accessories Selectively:
Pneumatic connection	G3/4
Material information	RoHs compliant
Cover material	Aluminium-Guss, beschichtet
Werkstoff Kolbendichtung	NBR
Piston material	Cast aluminium
Piston rod material	High-alloyed steel
Werkstoff Kolbenstangen-Dichtabstreifer	NBR
Werkstoff Pufferdichtung	TPE-U(PU)
Werkstoff Pufferkolben	POM
Cylinder tube material	Aluminium-Knetlegierung, gleiteloxiert
Nut material	Zinc plated steel
Bearing material	Metall-Polymer-Verbund
Werkstoff Bundmutter	Zinc-plated steel
Tension anchor material	High-alloyed steel