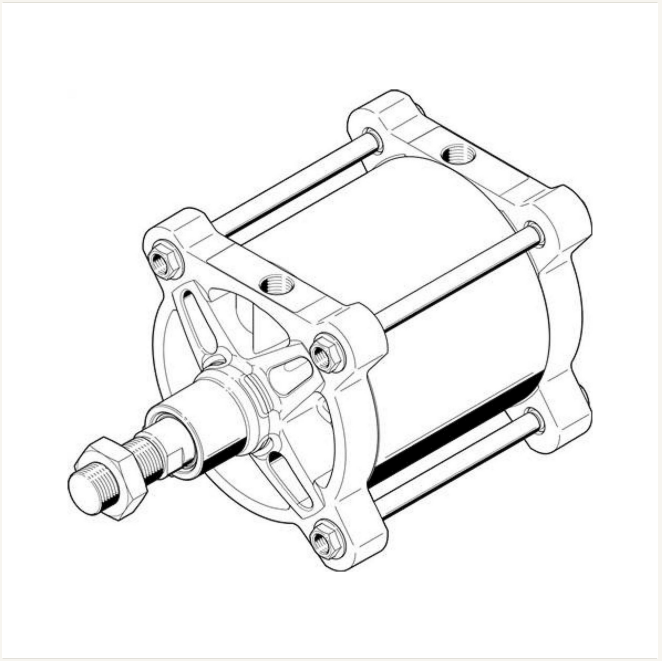
Standards-Based Cyli DSBG-200-125-P-N3 - Festo 2537454

Item no. FES-2537454 | **Manufacturer Festo** | **EAN 4052568254582**

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



TECHNICAL DATA

Betriebsdruck max [bar]	**10.000000**
Bohrung (mm)	**200.000000**
HS-Code	**84123100**
Hub [mm]	**125.000000**
Pneumatischer Anschluss	**G3/4**
Weight	**18 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]	125
Piston diameter	200 mm
Piston rod thread	M36x2
Dampening	P: Elastic silencer rings / plates double-sided
installation position	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]	4,8
Dampening length [mm]	48
Theoretical force at 6 bar, Return flow [N]	18.096
Theoretical force at 6 bar, flow [N]	18850
Moving mass at 0 mm stroke [g]	5.348
Weight supplement per 10 mm stroke [g]	97
Base weight at 0 mm stroke [g]	15.493
Supplement moved mass per 10 mm stroke [g]	249
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