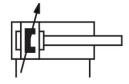
## ISO cylinder DNC-125-200-PPV-A Part number: 163504

-125-200-PPV-Δ





**FESTO** 

General operating condition

## **Data sheet**

Feature	Value
Stroke	200 mm
Piston diameter	125 mm
Piston rod thread	M27x2
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	optional
Conforms to standard	ISO 15552
Piston-rod end	Male thread
Design	Piston Piston rod Profile barrel
Position detection	Via proximity switch
Symbol	00991235
Variants	Piston rod at one end
Operating pressure	0.06 MPa 1 MPa
Operating pressure	0.6 bar 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 ℃ 80 ℃
Impact energy in end positions	5 ]
Cushioning length	42 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	6881 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	7363 N
Moving mass for 0 mm stroke	2809 g
Additional moving mass per 10 mm stroke	63 g
Basic weight for 0 mm stroke	6771 g
Additional weight per 10 mm stroke	168 g
Type of mounting	Via female thread With accessories
Pneumatic connection	G1/2
Note on materials	RoHS-compliant
Material cover	Die-cast aluminium Coated

Feature	Value
Material seals	TPE-U(PU)
Material piston rod	High-alloy steel
	Wrought aluminium alloy Smooth anodised