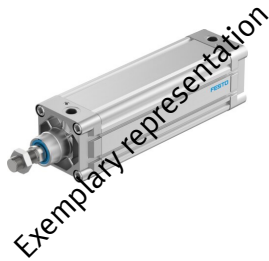


ISO cylinder DNC-125- -PPV

Part number: 163510

FESTO



[PDF](#) General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	3 mm ... 2000 mm
Piston diameter	125 mm
Piston rod thread	M27x2
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Conforms to standard	ISO 15552
Piston-rod end	Male thread
Design	Piston Piston rod Profile barrel
Position detection	None
Symbol	00991232
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 °C ... 80 °C
Impact energy in end positions	5 J
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	With female thread With accessories
Pneumatic connection	G1/2
Note on materials	RoHS compliant

Feature	Value
Material cover	Die-cast aluminium coated
Material seals	TPE-U(PU)
Material piston rod	High-alloy steel
Material cylinder barrel	Wrought aluminium alloy Smooth-anodised