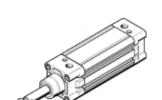
## ISO cylinder DNC-100-50-PPV-A-C180 Part number: 567927 Product to be discontinued

Product to be discontinued

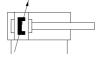
Cylinder barrel rotated 180 degrees, T-slots on the compressed air

Type to be discontinued. Available until 2016. See Support Portal for alternative products.





**FESTO** 



## **Data sheet**

Feature	Value
Stroke	50 mm
Piston diameter	100 mm
Piston rod thread	M20x1,5
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Conforms to standard	ISO 15552
Piston-rod end	Male thread
Design structure	Piston
	Piston rod
	Profile barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure	0.6 12 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
	operation)
Corrosion resistance classification CRC	2
Ambient temperature	-20 80 °C
Authorisation	Germanischer Lloyd
Impact energy in end positions	1.2 J
Cushioning length	32 mm
Theoretical force at 6 bar, return stroke	4,418 N
Theoretical force at 6 bar, advance stroke	4,712 N
Moving mass with 0 mm stroke	1,544 g
Additional weight per 10 mm stroke	115 g
Basic weight for 0 mm stroke	4,653 g
Additional mass factor per 10 mm of stroke	38 g
Mounting type	with internal (female) thread
	with accessories
Pneumatic connection	G1/2
Materials note	Conforms to RoHS
Materials information for cover	Aluminium die cast
	coated
Materials information for seals	TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy
	Smooth anodised