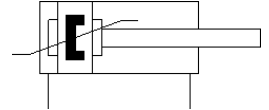


ISO cylinder DSNU-16-100-PPS

Part number: 559237
Product to be discontinued

FESTO

with self-adjusting pneumatic end position cushioning
Type to be discontinued. Available until 2018. See Support Portal for alternative products.



Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	16 mm
Piston rod thread	M6
Cushioning	PPS: Self-adjusting pneumatic end-position cushioning
Assembly position	Any
Conforms to standard	CETOP RP 52 P ISO 6432
Piston-rod end	Male thread
Design structure	Piston Piston rod Cylinder barrel
Variants	Single-ended piston rod
Operating pressure	1 ... 10 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 - Moderate corrosion stress
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.15 J
Cushioning length	12 mm
Theoretical force at 6 bar, return stroke	103.7 N
Theoretical force at 6 bar, advance stroke	120.6 N
Moving mass with 0 mm stroke	23 g
Additional weight per 10 mm stroke	4.6 g
Basic weight for 0 mm stroke	89.9 g
Additional mass factor per 10 mm of stroke	2 g
Mounting type	with accessories
Pneumatic connection	M5
Materials note	Conforms to RoHS
Materials information for cover	Wrought Aluminium alloy neutral anodisation
Materials information for piston rod	High alloy steel, non-corrosive
Materials information for cylinder barrel	High alloy steel, non-corrosive