

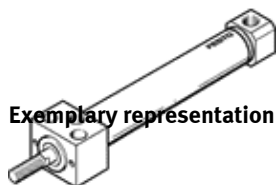
# round cylinder DSA16-16-PPV-A

Part number: 171541  
Product to be discontinued

FESTO

With bearing cover for direct mounting, end cap with air connection perpendicular to cylinder axis

Type to be discontinued. Available until 2024. See Support Portal for alternative products.



Exemplary representation



## Data sheet

Feature	Value
Stroke	1 ... 250 mm
Piston diameter	16 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
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
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-20 ... 80 °C
Cushioning length	14 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	103.7 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	120.6 N
Moving mass with 0 mm stroke	35 g
Additional mass factor per 10 mm of stroke	2.2 g
Basic weight for 0 mm stroke	56 g
Additional weight per 10 mm stroke	4.9 g
Pneumatic connection	M4
Material cover	Wrought Aluminium alloy
Material seals	NBR TPE-U(PU)
Material housing	High alloy steel, non-corrosive
Material piston rod	High alloy steel, non-corrosive