

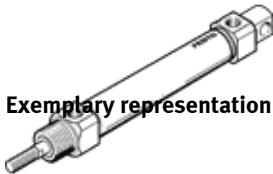
# Round cylinder DSAS-16- -PPV

Part number: 171481  
Product to be discontinued

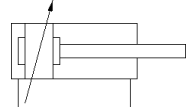
FESTO

[End cap with swivel bearing](#)

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
Working 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	M10x1
Material cover	Wrought Aluminum alloy
Material seals	NBR TPE-U(PU)
Material housing	High alloy steel, non-corrosive
Material piston rod	High alloy steel, non-corrosive