

# round cylinder DSAG-50- -PPV

Part number: 172583  
Product to be discontinued

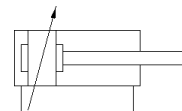
FESTO

[End cap with threaded lug](#)

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



Exemplary representation



## Data sheet

Feature	Value
Stroke	1 ... 500 mm
Piston diameter	50 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	27 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	989 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	1,178 N
Moving mass with 0 mm stroke	892 g
Additional mass factor per 10 mm of stroke	24.8 g
Basic weight for 0 mm stroke	977 g
Additional weight per 10 mm stroke	40.1 g
Pneumatic connection	M45x1,5
Material cover	Wrought Aluminium alloy
Material seals	NBR TPE-U(PU)
Material housing	High alloy steel, non-corrosive
Material piston rod	High alloy steel