

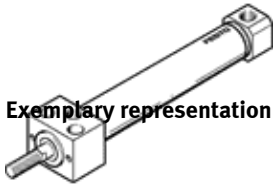
Round cylinder DSA50-PPV-A

Part number: 172660
Product to be discontinued

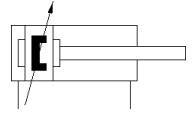
FESTO

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 ... 500 mm
Piston diameter	50 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	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	M6
Material cover	Wrought Aluminum alloy
Material seals	NBR TPE-U(PU)
Material housing	High alloy steel, non-corrosive
Material piston rod	High alloy steel