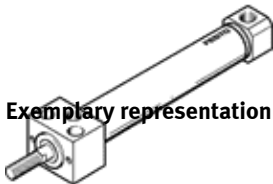


# Round cylinder DSA16-PPV-S6

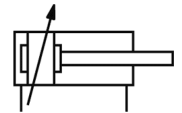
Part number: 176293

FESTO

With bearing cover for direct mounting, end cap with air connection perpendicular to cylinder axis, with heat-resistant seals to 120 °C  
This product is only available if ordered from Festo Korea Co. Ltd.



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
Ambient temperature	-20 ... 120 °C
Cushioning length	14 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	35 g
Additional weight per 10 mm stroke	4.9 g
Basic weight for 0 mm stroke	56 g
Additional mass factor per 10 mm of stroke	2.2 g
Pneumatic connection	M4
Materials information for cover	Wrought Aluminium alloy
Materials information for seals	FPM
Materials information, housing	High alloy steel, non-corrosive
Materials information for piston rod	High alloy steel, non-corrosive