

Round cylinder DSAA-6- -P

Part number: 176181

FESTO

End cap with air connection in line with cylinder axis
This product is only available if ordered from Festo Korea Co. Ltd.



Exemplary representation



Data sheet

Feature	Value
Stroke	1 ... 50 mm
Piston diameter	6 mm
Cushioning	P: Flexible cushioning rings/plates 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
Ambient temperature	-20 ... 80 °C
Theoretical force at 6 bar, return stroke	12.7 N
Theoretical force at 6 bar, advance stroke	16.9 N
Moving mass with 0 mm stroke	4.8 g
Additional weight per 10 mm stroke	1.4 g
Basic weight for 0 mm stroke	14 g
Additional mass factor per 10 mm of stroke	0.5 g
Pneumatic connection	M5
Materials information for cover	Wrought Aluminum alloy
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	High alloy steel, non-corrosive
Materials information for piston rod	High alloy steel, non-corrosive