

# 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
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 ... 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 Aluminium 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