

# Round cylinder DSAB-50- -P-A-Q

Part number: 176525

FESTO

With bearing cover for direct mounting, end cap with air connection in line with cylinder axis. with square piston rod

This product is only available if ordered from Festo Korea Co. Ltd.



Exemplary representation



## Data sheet

Feature	Value
Stroke	1 ... 500 mm
Piston diameter	50 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Protection against torque/guide	Square guide
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	989 N
Theoretical force at 6 bar, advance stroke	1,178 N
Moving mass with 0 mm stroke	892 g
Additional weight per 10 mm stroke	40.1 g
Basic weight for 0 mm stroke	977 g
Additional mass factor per 10 mm of stroke	24.8 g
Pneumatic connection	G1/4
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