

# Round cylinder DSAB-32- -P-A-Q

Part number: 176421

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	32 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Protection against torque/guide	Square guide
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	415 N
Theoretical force at 6 bar, advance stroke	483 N
Moving mass with 0 mm stroke	222 g
Additional weight per 10 mm stroke	15.4 g
Basic weight for 0 mm stroke	312 g
Additional mass factor per 10 mm of stroke	8.9 g
Pneumatic connection	G1/8
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