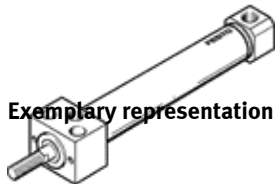


# Round cylinder DSAH-50- -P-S6

Part number: 176542

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 ... 500 mm
Piston diameter	50 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 ... 120 °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	M6
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