

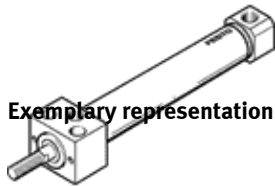
# Round cylinder DSAH-6- -P

Part number: 176190

FESTO

With bearing cover for direct mounting, end cap with air connection perpendicular to 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	M3
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