

Round cylinder DSEU-8-100-P-A-MQ

Part number: 188745

FESTO

End cap, with air connection perpendicular to cylinder axis
Type to be discontinued. Available until 2011.



Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	8 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Variants	lateral supply port
Working pressure	1.5 ... 10 bar
Mode of operation	double-acting
Operating medium	Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	1
Ambient temperature	0 ... 80 °C
Theoretical force at 6 bar, return stroke	23 N
Theoretical force at 6 bar, advance stroke	30 N
Moving mass with 0 mm stroke	4.3 g
Additional weight per 10 mm stroke	2.3 g
Basic weight for 0 mm stroke	14.4 g
Mounting type	with accessories
Pneumatic connection	M3
Materials note	Contains PWIS substances
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