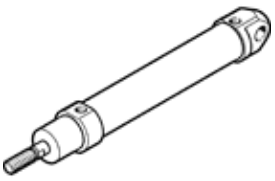
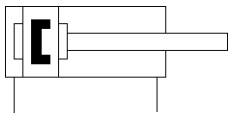
standards-based cylinder
CRDSNU-B-16-100-P-A-MG-A1

Part number: 8073764

FESTO





Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	16 mm
Based on the standard	ISO 6432
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Operating pressure	1 ... 10 bar
Mode of operation	double-acting
Maritime classification	see certificate
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	4 - Very high corrosion stress
Food-safe	See Supplementary material information
Ambient temperature	0 ... 80 °C
Theoretical force at 6 bar, return stroke	104 N
Theoretical force at 6 bar, advance stroke	121 N
Moving mass with 0 mm stroke	21 g
Additional weight per 10 mm stroke	4.8 g
Basic weight for 0 mm stroke	130 g
Additional mass factor per 10 mm of stroke	2.2 g
Mounting type	with accessories
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	High alloy steel, non-corrosive
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	High alloy steel, non-corrosive