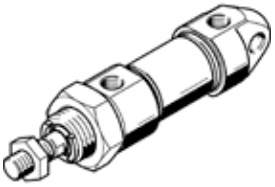
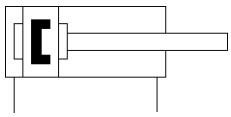
standards-based cylinder
CRDSNU-16-10-P-A

Part number: 8152548

FESTO





Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	16 mm
Piston rod thread	M6
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Conforms to standard	ISO 6432
Piston-rod end	Male thread
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Operating pressure MPa	0.1 ... 1 MPa
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	3 - High corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.15 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	104 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	121 N
Moving mass with 0 mm stroke	21 g
Additional mass factor per 10 mm of stroke	2 g
Basic weight for 0 mm stroke	130 g
Additional weight per 10 mm stroke	5 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