

Standards-based cylinder CRDSNU-B-25-100-PPS-A-MG-A1

Part number: 2159641

FESTO



Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	25 mm
Based on the standard	ISO 6432
Cushioning	PPS: Self-adjusting pneumatic end-position cushioning
Assembly position	Any
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Operating pressure MPa	0.1 ... 1 MPa
Working 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	4 - Very high corrosion stress
PWIS conformity	VDMA24364-B2-L
Food-safe	See Supplementary material information
Ambient temperature	0 ... 80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	247 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	295 N
Moving mass with 0 mm stroke	73 g
Additional mass factor per 10 mm of stroke	6.2 g
Basic weight for 0 mm stroke	410 g
Additional weight per 10 mm stroke	11 g
Mounting type	with accessories
Pneumatic connection	G1/8
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