

# ISO cylinder CRDSNU-B-20-80-PPS-A-MG-A1

Part number: 8073976

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Stroke	80 mm
Piston diameter	20 mm
Based on standard	ISO 6432
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	optional
Design	Piston Piston rod Cylinder barrel
Position detection	Via proximity switch
Symbol	00992970
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitable for use with food	See supplementary material information
Ambient temperature	0 °C ... 80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	158 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	188 N
Moving mass for 0 mm stroke	42.1 g
Additional moving mass per 10 mm stroke	3.9 g
Basic weight for 0 mm stroke	310 g
Additional weight per 10 mm stroke	7.2 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Material cover	High-alloy stainless steel
Material piston rod	High-alloy stainless steel
Material cylinder barrel	High-alloy stainless steel