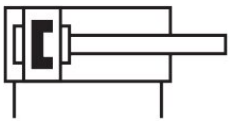
Round cylinder
DSNU-S-20-150-P-A-MX

Part number: 5224646





General operating condition

Data sheet

Feature	Value
Stroke	150 mm
Piston diameter	20 mm
Piston rod thread	M8
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Symbol	00991217
Operating pressure	0.08 MPa ... 1 MPa
Operating pressure	0.8 bar ... 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom class	Class 5 according to ISO 14644-1
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	0.2 J
Theoretical force at 6 bar, retracting	158.3 N
Theoretical force at 6 bar, advancing	188.5 N
Moving mass at 0 mm stroke	37.3 g
Additional moving mass per 10 mm stroke	4 g
Basic weight with 0 mm stroke	126 g
Additional weight per 10 mm stroke	7.2 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy, anodized
Seals material	TPE-U(PU)
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	High-alloy stainless steel