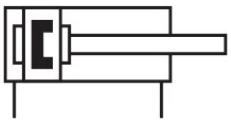
ISO cylinder
DSNU-25-25-P-A

Part number: 19219





General operating condition

Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	25 mm
Piston rod thread	M10x1.25
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Conforms to standard	ISO 6432
Piston rod end	External thread
Structural design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Symbol	00991217
Variants	Piston rod at one end
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 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-B1/B2-L
Cleanroom class	Class 6 according to ISO 14644-1
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	0.3 J
Theoretical force at 6 bar, retracting	247.4 N
Theoretical force at 6 bar, advancing	294.5 N
Moving mass at 0 mm stroke	71 g
Additional moving mass per 10 mm stroke	6 g
Basic weight with 0 mm stroke	238 g
Additional weight per 10 mm stroke	11 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy Plain anodized
Seals material	NBR TPE-U(PU)
Piston rod material	High-alloy stainless steel

Feature	Value
Material of cylinder barrel	High-alloy stainless steel