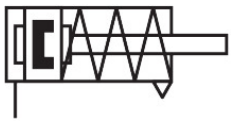
Round cylinder
ESNU-32-25-P-A

Part number: 196377





General operating condition

Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	32 mm
Piston rod thread	M10x1.25
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Design	Piston Piston rod Cylinder barrel
Position detection	Via proximity switch
Symbol	00991729
Operating pressure	0.12 MPa ... 1 MPa
Operating pressure	1.2 bar ... 10 bar
Mode of operation	Pushing Single-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	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C ... 80 °C
Impact energy in end positions	0.4 J
Spring return force with retracted piston rod	30 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	30 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	442.2 N
Moving mass	144 g
Moving mass for 0 mm stroke	121 g
Additional moving mass per 10 mm stroke	9 g
Product weight	402 g
Basic weight for 0 mm stroke	370.5 g
Additional weight per 10 mm stroke	15.5 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy
Material seals	NBR TPE-U(PU)
Material piston rod	High-alloy steel

Feature	Value
Material cylinder barrel	High-alloy stainless steel