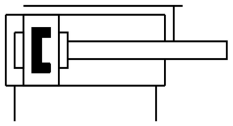
Mini slide SLS-10-5-P-A

Part number: 170491



Data sheet

Feature	Value
Stroke	5 mm
Piston diameter	10 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Guide	Ball bearing cage guide
Design	Yoke Piston Piston rod Ball roller guide Slide
Position detection	Via proximity switch
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar 14.5 psi...145 psi
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	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-20 °C...60 °C
Impact energy in end positions	0,05 Nm
Max. force Fy	220 N
Max. force Fz	220 N
Max. moment Mx	0.6 Nm
Max. moment My	0.6 Nm
Max. moment Mz	0.5 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	39 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	47 N
Moving mass	41 g
Product weight	130 g
alternative connections	See product drawing

Feature	Value
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material cover	Anodised wrought aluminium alloy
Material guide	Steel
Material housing	High-alloy stainless steel