

# Mini slide SLS-6-5-P-A

Part number: 170485

FESTO



## Data sheet

 [General operating condition](#)

Feature	Value
Stroke	5 mm
Piston diameter	6 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Design	Yoke Piston Piston rod Ball cage guide Slide
Position detection	Via proximity switch
Symbol	00991737
Operating pressure	0.15 MPa ... 1 MPa
Operating pressure	1.5 bar ... 10 bar
Operating pressure	21.75 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	0.008 J
Max. force F <sub>y</sub>	220 N
Max. force F <sub>z</sub>	220 N
Max. moment M <sub>x</sub>	0.6 Nm
Max. moment M <sub>y</sub>	0.6 Nm
Max. moment M <sub>z</sub>	0.5 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	13 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	17 N
Moving mass	28 g
Product weight	97 g
alternative connections	See product drawing
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	RoHS compliant

<b>Feature</b>	<b>Value</b>
Material cover	Anodised wrought aluminium alloy
Material guide	Steel
Material housing	High-alloy stainless steel