

# 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
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Structural design	Yoke Piston Piston rod Ball roller guide Slide
Position sensing	For proximity sensor
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 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)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-20 °C ... 60 °C
Impact energy in the end positions	0.008 J
Max. force F <sub>y</sub>	220 N
Max. force F <sub>z</sub>	220 N
Max. torque M <sub>x</sub>	0.6 Nm
Max. torque M <sub>y</sub>	0.6 Nm
Max. torque M <sub>z</sub>	0.5 Nm
Theoretical force at 6 bar, retracting	13 N
Theoretical force at 6 bar, advancing	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
Cover material	Wrought aluminum alloy, anodized

<b>Feature</b>	<b>Value</b>
Guide material	Steel
Housing material	High-alloy stainless steel