

# Mini slide SLS-6-10-P-A

Part number: 170486

FESTO



## Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	6 mm
Type code	SLS
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Design	Yoke Piston rod Piston Ball roller guide Slide
Position sensing	For proximity sensor
Symbol	00991737
Operating pressure	1.5 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)	0 - No corrosion stress
Ambient temperature	-20 °C ... 60 °C
Impact energy in the end positions	0.008 J
Max. force F <sub>y</sub>	170 N
Max. force F <sub>z</sub>	170 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	104 g
Alternative connections	See product drawing
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	Free of copper and PTFE
Cover material	Wrought aluminum alloy
Seals material	HNBR
Housing material	Wrought aluminum alloy

Feature	Value
Piston rod material	High-alloy stainless steel