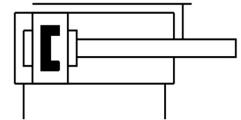


# Mini slide SLS-16-5-P-A

Part number: 170497

FESTO



## Data sheet

Feature	Value
Stroke	5 mm
Piston diameter	16 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
Symbol	00991737
Operating pressure	1 bar ... 10 bar
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
Ambient temperature	-20 °C ... 60 °C
Impact energy in end positions	0.15 J
Max. force F <sub>y</sub>	590 N
Max. force F <sub>z</sub>	590 N
Max. moment M <sub>x</sub>	2.1 Nm
Max. moment M <sub>y</sub>	2.1 Nm
Max. moment M <sub>z</sub>	1.6 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	104 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	121 N
Moving mass	92 g
Product weight	225 g
alternative connections	See product drawing
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	Copper/PTFE-free
Material cover	Wrought aluminium alloy
Material seals	HNBR
Material housing	Wrought aluminium alloy

Feature	Value
Material piston rod	High-alloy stainless steel