

Mini slide DGSL-12- -

Part number: 543906

FESTO



Data sheet

Feature	Value
Stroke	10 mm...150 mm
Piston diameter	16 mm
Operating mode, drive unit	Yoke
Cushioning	Short elastic cushioning rings/pads at both ends No cushioning Elastic cushioning rings/plates at both ends Elastic cushioning rings/pads at both ends with fixed stop Self-adjusting, progressive shock absorber at both ends, with reducing sleeve Progressive shock absorber at both ends
Mounting position	optional
Guide	Ball bearing cage guide
Design	Yoke Piston Piston rod Slide
Position detection	Via proximity switch
Operating pressure	0.1 MPa...0.8 MPa 1 bar...8 bar
Max. speed	0.8 m/s
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-B1/B2-L
Cleanroom class	Class 7 according to ISO 14644-1
Ambient temperature	0 °C...60 °C
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
alternative connections	See product drawing
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	RoHS-compliant

Feature	Value
Material cover	Wrought aluminium alloy
Material seals	HNBR
Material housing	Wrought aluminium alloy
Material piston rod	High-alloy stainless steel