Mini slide
DGSL-10- -

Part number: 543905

Data sheet

Feature	Value
Stroke	10 mm...100 mm
Piston diameter	12 mm
Drive unit operating mode	Yoke
Cushioning	Short elastic cushioning rings/pads at both ends No cushioning Elastic cushioning rings/pads at both ends Elastic cushioning rings/pads at both ends with fixed stop Self- adjusting pneumatic shock absorber, progressive at both ends, with reducing sleeve Progressive pneumatic shock absorbers at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Structural design	Yoke Piston Piston rod Slide
Position sensing	For proximity sensor
Operating pressure	0.15 MPa...0.8 MPa 1.5 bar...8 bar
Max. speed	0.8 m/s
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-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1
Ambient temperature	0 °C...60 °C
Theoretical force at 6 bar, retracting	51 N
Theoretical force at 6 bar, advancing	68 N
Alternative connections	See product drawing
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy

Feature	Value
Seals material	HNBR
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel