

Mini slide DGSL-25-50-PA

Part number: 544034

FESTO



Data sheet

Feature	Value
Stroke	50 mm
Adjustable end-position range/front length	55 mm
Adjustable end-position range/rear length	49 mm
Piston diameter	32 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 Slide
Position sensing	For proximity sensor
Operating pressure	0.1 MPa...0.8 MPa 1 bar...8 bar
Max. speed	0.8 m/s
Repetition accuracy	0.3 mm
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 class	Class 7 according to ISO 14644-1
Ambient temperature	0 °C...60 °C
Impact energy in the end positions	0.55 Nm
Cushioning length	1.3 mm
Max. force F _y	4650 N
Max. force F _z	4650 N
Max. torque M _x	120 Nm
Max. torque M _y	60 Nm
Max. torque M _z	60 Nm
Theoretical force at 6 bar, retracting	415 N

Feature	Value
Theoretical force at 6 bar, advancing	483 N
Moving mass	1244 g
Product weight	3349 g
Alternative connections	See product drawing
Type of mounting	With through-hole
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	HNBR
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel