

Mini slide DGSC-6-10-P-L

Part number: 569793

FESTO



Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	6 mm
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Structural design	Scotch yoke system
Position sensing	None
Operating pressure	0.1 MPa...0.6 MPa 1 bar...6 bar 14.5 psi...87 psi
Repetition accuracy	0.2 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)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	10 °C...50 °C
Max. force F _y	20 N
Max. force F _z	20 N
Max. torque M _x	0.3 Nm
Max. torque M _y	0.4 Nm
Max. torque M _z	0.4 Nm
Theoretical force at 6 bar, retracting	12.7 N
Theoretical force at 6 bar, advancing	17 N
Moving mass	17 g
Product weight	42 g
Type of mounting	With internal thread and dowel pin
Pneumatic connection	M3
Note on materials	RoHS-compliant
Cover material	POM
Seals material	NBR

Feature	Value
Guide material	High-alloy steel
Housing material	High-alloy stainless steel
Piston rod material	High-alloy stainless steel