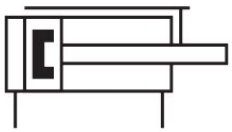
Mini slide
DGSC-6-10-P-P

Part number: 569792





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	Kinematic 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 Fy	20 N
Max. force Fz	20 N
Max. torque Mx	0.3 Nm
Max. torque My	0.4 Nm
Max. torque Mz	0.4 Nm
Max. payload as a function of the stroke at defined distance xs	30 N
Max. payload	0.03 kg
Theoretical force at 6 bar, retracting	12.7 N
Theoretical force at 6 bar, advancing	17 N
Moving mass	17 g
Product weight	52 g
Type of mounting	With internal thread and dowel pin
Pneumatic connection	M3
Note on materials	RoHS compliant

Feature	Value
Cover material	POM
Seals material	NBR
Guide material	High-alloy steel
Housing material	high-alloy stainless steel
Piston rod material	high-alloy stainless steel