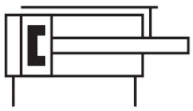
Mini slide
DGSC-6-10-P-L

Part number: 569793





General operating condition

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
Symbol	00991263
Operating pressure	0.1 MPa ... 0.6 MPa
Operating pressure	1 bar ... 6 bar
Operating pressure	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
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
Guide material	High-alloy steel
Housing material	High-alloy stainless steel

Feature	Value
Piston rod material	High-alloy stainless steel

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