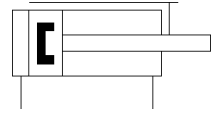
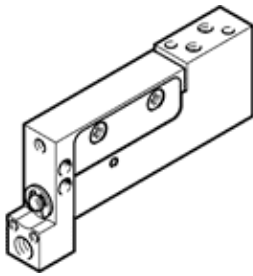


# Mini slide DGSC-6-10-P-L

Part number: 569793

FESTO



## Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	6 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Ball bearing cage guide
Design structure	Yoke kinematics
Position detection	No
Operating pressure MPa	0.1 ... 0.6 MPa
Working pressure	1 ... 6 bar
Operating pressure	14.5 ... 87 psi
Repetition accuracy	0,2 mm
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	10 ... 50 °C
Max. force F <sub>y</sub>	20 N
Max. force F <sub>z</sub>	20 N
Max. torque M <sub>x</sub>	0.3 Nm
Max. torque M <sub>y</sub>	0.4 Nm
Max. torque M <sub>z</sub>	0.4 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	12.7 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	17 N
Moving mass	17 g
Product weight	42 g
Mounting type	With internal thread and dowel pin
Pneumatic connection	M3
Materials note	Conforms to RoHS
Material cover	POM
Material seals	NBR
Material of guide	High alloy steel
Material housing	High alloy steel, non-corrosive
Material piston rod	High alloy steel, non-corrosive