

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

Part number: 569792

FESTO



 General operating condition

## Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	6 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Guide	Ball bearing cage guide
Design	Scotch yoke system
Position detection	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 to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	10 °C ... 50 °C
Max. force F <sub>y</sub>	20 N
Max. force F <sub>z</sub>	20 N
Max. moment M <sub>x</sub>	0.3 Nm
Max. moment M <sub>y</sub>	0.4 Nm
Max. moment M <sub>z</sub>	0.4 Nm
Max. effective load dependent upon stroke at defined distance x <sub>s</sub>	30 N
Max. effective load	0.03 kg
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	12.7 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	17 N
Moving mass	17 g
Product weight	52 g
Type of mounting	Via female thread and dowel pin
Pneumatic connection	M3
Note on materials	RoHS compliant
Material cover	POM
Material seals	NBR

<b>Feature</b>	<b>Value</b>
Material guide	High-alloy steel
Material housing	High-alloy stainless steel
Material piston rod	High-alloy stainless steel