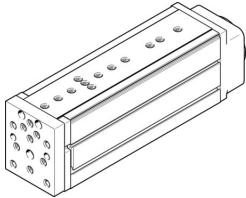


# Mini slide EGSL-BS-75-100-10P

Part number: 562230

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Working stroke	100 mm
Size	75
Running parallelism along Z-axis	0.04 mm
Parallelism	0.05 mm
Reversing backlash theoretical	≤50 μm
Spindle diameter	20 mm
Spindle pitch	10 mm/U
Mounting position	Any
Guide	Ball bearing cage guide
Design	With ball screw
Type of motor	Stepper motor Servo motor
Spindle type	Ball screw
Symbol	00992069
Position detection	Via proximity switch
Max. acceleration	25 m/s <sup>2</sup>
Max. speed	0.65 m/s
Repetition accuracy	±0.015 mm
Duty cycle	100%
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Sound pressure level	65 dB(A)
Degree of protection	IP40
Ambient temperature	0 °C ... 60 °C
Continuous feed force	300 N
Max. drive torque	1.654 Nm
Max. force F <sub>y</sub>	1539 N
Max. force F <sub>z</sub>	1539 N
Max. moment M <sub>x</sub>	67.4 Nm
Max. moment M <sub>y</sub>	47.1 Nm
Max. moment M <sub>z</sub>	47.1 Nm
Max. radial force at drive shaft	300 N
Max. feed force F <sub>x</sub>	450 N
Frictional torque independent of load	0.25 Nm
Reference value effective load, horizontal	14 kg
Reference value effective load, vertical	14 kg

<b>Feature</b>	<b>Value</b>
Mass moment of inertia JL per kg of working load	0.0253 kgcm <sup>2</sup>
Mass moment of inertia JO	0.8695 kgcm <sup>2</sup>
Feed constant	10 mm/U
Maintenance interval	Lifetime lubrication
Moving mass	2280 g
Product weight	5100 g
Type of mounting	With female thread With centring sleeve With accessories
Note on materials	RoHS compliant
Material cover	Die-cast aluminium painted
Material guide rail	Bearing steel
Material housing	anodised
Material yoke plate	Wrought aluminium alloy anodised
Material ball screw nut	Bearing steel
Material spindle	Bearing steel