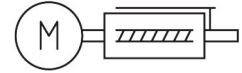
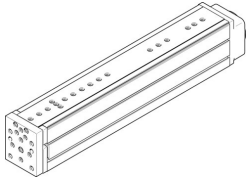


Mini slide EGSL-BS-75-300-20P

Part number: 559342

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Working stroke	300 mm
Size	75
Running parallelism along Z-axis	0.12 mm
Parallelism	0.15 mm
Reversing backlash theoretical	≤50 μm
Spindle diameter	20 mm
Spindle pitch	20 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 ²
Max. speed	1.3 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	2.231 Nm
Max. force F _y	555 N
Max. force F _z	555 N
Max. moment M _x	46.4 Nm
Max. moment M _y	36.5 Nm
Max. moment M _z	36.5 Nm
Max. radial force at drive shaft	300 N
Max. feed force F _x	450 N
Frictional torque independent of load	0.155 Nm
Reference value effective load, horizontal	14 kg
Reference value effective load, vertical	14 kg

Feature	Value
Mass moment of inertia JL per kg of working load	0.1013 kgcm ²
Mass moment of inertia JO	1.3459 kgcm ²
Feed constant	20 mm/U
Maintenance interval	Lifetime lubrication
Moving mass	3440 g
Product weight	8050 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