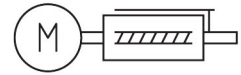
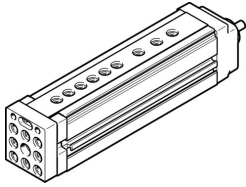


Mini slide EGSL-BS-35-50-8P

Part number: 562160

FESTO



Data sheet

Feature	Value
Working stroke	50 mm
Size	35
Run. parallelism along Z-axis	0.02 mm
Parallelism	0.05 mm
Reversing backlash	50 µm
Screw diameter	8 mm
Spindle pitch	8 mm/U
Mounting position	Any
Guide	Ball bearing cage guide
Structural design	Electrical mini-slide Guide With ball screw
Motor type	Stepper motor Servo motor
Spindle type	Ball screw
Position sensing	Via proximity switch
Max. acceleration	25 m/s ²
Max. speed	0.5 m/s
Repetition accuracy	±0.015 mm
Duty cycle	100%
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Noise level	60 dB(A)
Degree of protection	IP40
Ambient temperature	0 °C...60 °C
Continuous feed force	50 N
Max. driving torque	0.127 Nm
Max. force F _y	512 N
Max. force F _z	512 N
Max. torque M _x	6.2 Nm
Max. torque M _y	6 Nm
Max. torque M _z	6 Nm

Feature	Value
Max. radial force on actuator shaft	20 N
Max. feed force Fx	75 N
No-load driving torque	0.015 Nm
Guide value for payload, horizontal	2 kg
Guide value for payload, vertical	2 kg
Mass moment of inertia JL per kg of payload	0.0162 kgcm ²
Mass moment of inertia JO	0.0426 kgcm ²
Feed constant	8 mm/U
Maintenance interval	Lifetime lubrication
Moving mass	270 g
Product weight	570 g
Type of mounting	With internal thread With centering sleeve With accessories
Note on materials	RoHS compliant
Cover material	Cast aluminum Painted
Guide rail material	Bearing steel
Housing material	Wrought aluminum alloy Anodized
Material of yoke plate	Wrought aluminum alloy Anodized
Ball screw nut material	Bearing steel
Spindle material	Bearing steel