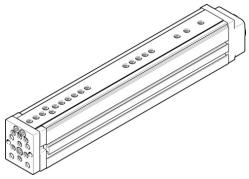
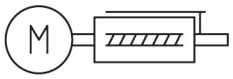
Mini slide
EGSL-BS-45-200-10P

Part number: 559336





Data sheet

Feature	Value
Working stroke	200 mm
Size	45
Running parallelism along Z-axis	0.08 mm
Parallelism	0.1 mm
Reversing backlash theoretical	50 µm
Spindle diameter	10 mm
Spindle pitch	10 mm/U
Mounting position	optional
Guide	Ball bearing cage guide
Design	Electric mini slide Guidance With ball screw drive
Type of motor	Stepper motor Servo motor
Spindle type	Ball screw drive
Position detection	Via proximity switch
Max. acceleration	25 m/s²
Max. speed	1 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	60 dB(A)
Degree of protection	IP40
Ambient temperature	0 °C...60 °C
Continuous feed force	100 N
Max. drive torque	0.415 Nm
Max. force Fy	291 N
Max. force Fz	291 N
Max. moment Mx	14.3 Nm
Max. moment My	12.3 Nm
Max. moment Mz	12.3 Nm

Feature	Value
Max. radial force at drive shaft	120 N
Max. feed force Fx	150 N
Frictional torque independent of load	0.08 Nm
Reference value effective load, horizontal	6 kg
Reference value effective load, vertical	6 kg
Mass moment of inertia JL per kg of working load	0.0253 kgcm²
Mass moment of inertia JO	0.0731 kgcm²
Feed constant	10 mm/U
Maintenance interval	Life-time lubrication
Moving mass	940 g
Product weight	2190 g
Type of mounting	Via female thread Via centring sleeve With accessories
Note on materials	RoHS-compliant
Material cover	Die-cast aluminium Painted
Material guide rail	Rolled steel
Material housing	Wrought aluminium alloy Anodised
Material yoke plate	Wrought aluminium alloy Anodised
Material ball screw nut	Rolled steel
Material spindle	Rolled steel