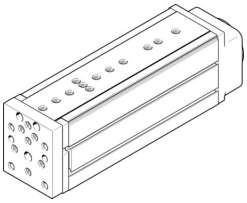
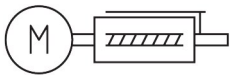
Mini slide
EGSL-BS-75-100-10P

Part number: 562230





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	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	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 Fy	1539 N
Max. force Fz	1539 N
Max. moment Mx	67.4 Nm
Max. moment My	47.1 Nm
Max. moment Mz	47.1 Nm

Feature	Value
Max. radial force at drive shaft	300 N
Max. feed force Fx	450 N
Frictional torque independent of load	0.25 Nm
Reference value effective load, horizontal	14 kg
Reference value effective load, vertical	14 kg
Mass moment of inertia JL per kg of working load	0.0253 kgcm²
Mass moment of inertia JO	0.8695 kgcm²
Feed constant	10 mm/U
Maintenance interval	Life-time lubrication
Moving mass	2280 g
Product weight	5100 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