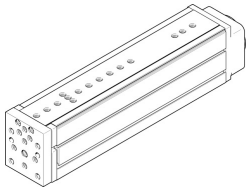
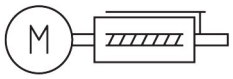
Mini slide
EGSL-BS-75-200-20P

Part number: 559341





Data sheet

Feature	Value
Working stroke	200 mm
Size	75
Running parallelism along Z-axis	0.08 mm
Parallelism	0.1 mm
Reversing backlash theoretical	50 µm
Spindle diameter	20 mm
Spindle pitch	20 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	1.3 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 Fy	714 N
Max. force Fz	714 N
Max. moment Mx	48.5 Nm
Max. moment My	33.8 Nm
Max. moment Mz	33.8 Nm

Feature	Value
Max. radial force at drive shaft	300 N
Max. feed force Fx	450 N
Frictional torque independent of load	0.155 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	0.1013 kgcm²
Mass moment of inertia JO	1.1945 kgcm²
Feed constant	20 mm/U
Maintenance interval	Life-time lubrication
Moving mass	2850 g
Product weight	6520 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