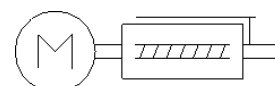
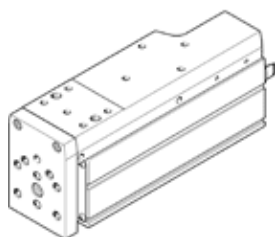


# mini slide

## EGSC-BS-KF-60-50-12P

Part number: 8048362

FESTO



### Data sheet

Feature	Value
Working stroke	50 mm
Size	60
Stroke reserve	0 mm
Reversing backlash	150 µm
Spindle diameter	12 mm
Spindle pitch	12 mm/U
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Electric mini slide With ball screw
Motor type	Stepper motor Servomotor
Referencing	Fixed stop block positive Fixed stop block negative Reference switch
Spindle type	Ball screw
Position detection	For proximity sensor
Max. acceleration	15 m/s <sup>2</sup>
Max. speed	0.6 m/s
Repetition accuracy	±0,015 mm
Duty cycle	100 %
Corrosion resistance classification CRC	0 - No corrosion stress
Sound pressure level	55 dB(A)
Protection class	IP40
Ambient temperature	0 ... 50 °C
Fixed bearing dynamic basic load rating	13,321 N
Linear guide dynamic basic load rating	13,400 N
Ball screw drive dynamic basic load rating	4,600 N
Max. force F <sub>y</sub>	4,937 N
Max. force F <sub>z</sub>	4,937 N
Max. torque M <sub>x</sub>	20 Nm
Max. torque M <sub>y</sub>	30 Nm
Max. torque M <sub>z</sub>	30 Nm
Max. radial force at drive shaft	420 N
Max. feed force F <sub>x</sub>	250 N
Reference value for working load, horizontal	10 kg
Reference value for working load, vertical	10 kg
Ball screw drive statistical basic load rating	8,500 N
Linear guide statistical basic load rating	26,900 N
Mass moment of inertia J <sub>H</sub> per metre of stroke	0.27076 kgcm <sup>2</sup>
Mass moment of inertia J <sub>L</sub> per kg of working load	0.03648 kgcm <sup>2</sup>
Mass moment of inertia, J <sub>O</sub>	0.08386 kgcm <sup>2</sup>
Feed constant	12 mm/U
Fixed bearing statistical basic load rating	7,000 N
Reference value, running performance	5,000 km
Maintenance interval	Life-time lubrication

Feature	Value
Moving mass with 0 mm stroke	675 g
Additional weight per 10 mm stroke	95 g
Basic weight for 0 mm stroke	1,555 g
Product weight	2,030 g
Additional mass factor per 10 mm of stroke	40 g
Mounting type	with internal (female) thread with centring sleeve with accessories With cylindrical dowel pin
Interface code, actuator	T42
Materials note	Contains PWIS substances Conforms to RoHS
Material guide slide	Roller bearing steel
Material guide rail	Roller bearing steel
Material housing	Anodised wrought aluminium alloy
Material yoke plate	Anodised wrought aluminium alloy
Material piston rod	High alloy steel, non-corrosive
Material slide	Anodised wrought aluminium alloy
Material spindle nut	Roller bearing steel
Material spindle	Roller bearing steel