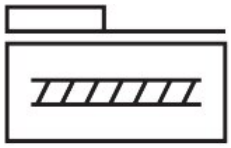
Electric linear slide
EGSK-33-500-10P

Part number: 562782





Data sheet

Feature	Value
Working stroke	500 mm
Size	33
Reversing backlash	20 µm
Screw diameter	10 mm
Spindle pitch	10 mm/U
Mounting position	Any
Guide	Recirculating ball bearing
Structural design	Electromechanical linear axis With ball screw
Homing	Reference switch
Spindle type	Ball screw
Max. acceleration	20 m/s²
Max. speed	0.79 m/s
Repetition accuracy	±0.01 mm
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Degree of protection	IP10
Ambient temperature	0 °C...40 °C
Fixed bearing dynamic basic load rating	1790 N
Linear guide dynamic basic load rating	9207 N
Dynamic basic load rating, ball screw drive	1760 N
2nd moment of area Iy	62000 mm⁴
2nd moment of area Iz	380000 mm⁴
Max. driving torque	0.24 Nm
Max. force Fy	2083 N
Max. force Fz	2083 N
Max. torque Mx	42.2 Nm
Max. torque My	13.8 Nm
Max. torque Mz	13.8 Nm
Max. feed force Fx	148 N
No-load driving torque	0.07 Nm
Ball screw drive statistical basic load rating	2840 N

Feature	Value
Linear guide statistical basic load rating	20200 N
Mass moment of inertia JH per meter of stroke	0.0771 kgcm²
Mass moment of inertia JO	0.0166 kgcm²
Feed constant	10 mm/U
Statistical fixed bearing load rating	2590 N
Reference service life	5000 km
Moving mass	310 g
Slide weight	310 g
Additional slide weight	310 g
Product weight	4530 g
Basic weight with 0 mm stroke	1380 g
Additional weight per 10 mm stroke	63 g
Type of mounting	With internal thread and dowel pin
Material of end caps	Die-cast aluminum Coated
Profile material	Coated High-alloy steel
Note on materials	RoHS compliant
Drive cover material	Die-cast aluminum Coated
Slide material	Steel
Ball screw nut material	Steel
Spindle material	Steel