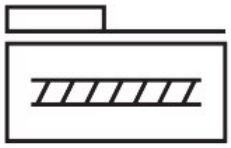
Electrical slide
EGSK-33-300-6P

Part number: 562774





Data sheet

Feature	Value
Working stroke	300 mm
Size	33
Reversing backlash theoretical	20 µm
Spindle diameter	10 mm
Spindle pitch	6 mm/U
Mounting position	optional
Guide	Recirculating ball bearing guide
Design	Electromechanical linear axis With ball screw drive
Referencing	Reference switch
Spindle type	Ball screw drive
Max. acceleration	20 m/s²
Max. speed	0.47 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
Dynamic basic load rating fixed bearing	1790 N
Dynamic basic load rating linear guide	9207 N
Dynamic basic load rating ball screw	2840 N
2nd moment of area Iy	62000 mm⁴
2nd moment of area Iz	380000 mm⁴
Max. drive torque	0.14 Nm
Max. force Fy	2469 N
Max. force Fz	2469 N
Max. moment Mx	50.1 Nm
Max. moment My	16.4 Nm
Max. moment Mz	16.4 Nm
Max. feed force Fx	150 N
Frictional torque independent of load	0.07 Nm
Static basic load rating ball screw	4900 N

Feature	Value
Static basic load rating linear guide	20200 N
Mass moment of inertia JH per metre of stroke	0.0771 kgcm²
Mass moment of inertia JO	0.0115 kgcm²
Feed constant	6 mm/U
Static basic load rating fixed bearing	2590 N
Reference service life	3000 km
Moving mass	310 g
Weight of slide	310 g
Product weight	3270 g
Weight of additional slide	310 g
Basic weight for 0 mm stroke	1380 g
Additional weight per 10 mm stroke	63 g
Type of mounting	Via female thread and dowel pin
Material end cap	Die-cast aluminium Coated
Material profile	Coated High-alloy steel
Note on materials	RoHS-compliant
Material drive cover	Die-cast aluminium Coated
Material slide	Steel
Material ball screw nut	Steel
Material spindle	Steel