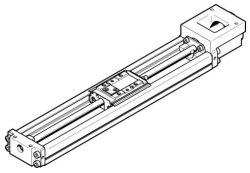
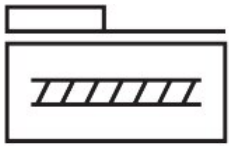
Electrical slide
EGSK-20-75-1P

Part number: 562759





Data sheet

Feature	Value
Working stroke	75 mm
Size	20
Reversing backlash theoretical	20 µm
Spindle diameter	6 mm
Spindle pitch	1 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	10 m/s²
Max. speed	0.19 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	1000 N
Dynamic basic load rating linear guide	2849 N
Dynamic basic load rating ball screw	660 N
2nd moment of area Iy	6100 mm⁴
2nd moment of area Iz	62000 mm⁴
Max. drive torque	0.011 Nm
Max. force Fy	1389 N
Max. force Fz	1389 N
Max. moment Mx	18.1 Nm
Max. moment My	5.8 Nm
Max. moment Mz	5.8 Nm
Max. feed force Fx	69 N
Frictional torque independent of load	0.005 Nm
Static basic load rating ball screw	1170 N

Feature	Value
Static basic load rating linear guide	6300 N
Mass moment of inertia JH per metre of stroke	0.01 kgcm²
Mass moment of inertia JO	0.00087 kgcm²
Feed constant	1 mm/U
Static basic load rating fixed bearing	1240 N
Reference service life	500 km
Moving mass	64 g
Weight of slide	64 g
Product weight	583 g
Weight of additional slide	64 g
Basic weight for 0 mm stroke	380 g
Additional weight per 10 mm stroke	27 g
Type of mounting	Via female thread and dowel pin
Material end cap	Die-cast aluminium Coated
Material profile	High-alloy stainless steel
Note on materials	RoHS-compliant
Material drive cover	Die-cast aluminium Coated
Material slide	Steel
Material ball screw nut	Steel
Material spindle	Steel