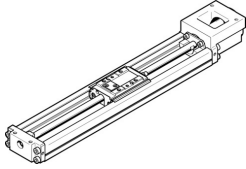


Electrical slide EGSK-20-125-1P

Part number: 562760

FESTO



Data sheet

| Feature | Value |
|-----------------------------------------|--------------------------------------------------------|
| Working stroke | 125 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/s ² |
| 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 mm ⁴ |
| 2nd moment of area Iz | 62000 mm ⁴ |
| 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 kgcm ² |
| Mass moment of inertia JO | 0.00087 kgcm ² |
| 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 | 718 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 |