

Electrical slide EGSK-33-600-6P

Part number: 562777

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Working stroke | 600 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 |
| Symbol | 00991211 |
| Max. acceleration | 20 m/s ² |
| 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 mm ⁴ |
| 2nd moment of area Iz | 380000 mm ⁴ |
| 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 |
| Static basic load rating linear guide | 20200 N |
| Mass moment of inertia JH per metre of stroke | 0.0771 kgcm ² |

| Feature | Value |
|--|---------------------------------|
| Mass moment of inertia JO | 0.0115 kgcm ² |
| 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 | 5160 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 spindle nut | Steel |
| Material spindle | Steel |