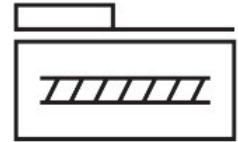
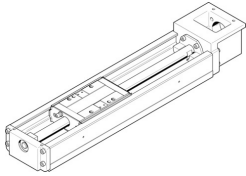



Electrical slide EGSK-46-800-20P

Part number: 562795

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Working stroke | 800 mm |
| Size | 46 |
| Reversing backlash theoretical | ≤20 µm |
| Spindle diameter | 15 mm |
| Spindle pitch | 20 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 | 1.05 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 | 6600 N |
| Dynamic basic load rating linear guide | 21747 N |
| Dynamic basic load rating ball screw | 3040 N |
| 2nd moment of area Iy | 240000 mm ⁴ |
| 2nd moment of area Iz | 1500000 mm ⁴ |
| Max. drive torque | 0.61 Nm |
| Max. force Fy | 3904 N |
| Max. force Fz | 3904 N |
| Max. moment Mx | 115 Nm |
| Max. moment My | 38.7 Nm |
| Max. moment Mz | 38.7 Nm |
| Max. feed force Fx | 192 N |
| Frictional torque independent of load | 0.1 Nm |
| Static basic load rating ball screw | 7150 N |
| Static basic load rating linear guide | 45500 N |
| Mass moment of inertia JH per metre of stroke | 0.39 kgcm ² |

| Feature | Value |
|--|---------------------------------|
| Mass moment of inertia JO | 0.154 kgcm ² |
| Feed constant | 20 mm/U |
| Static basic load rating fixed bearing | 3240 N |
| Reference service life | 10000 km |
| Moving mass | 910 g |
| Weight of slide | 910 g |
| Product weight | 15330 g |
| Weight of additional slide | 910 g |
| Basic weight for 0 mm stroke | 5170 g |
| Additional weight per 10 mm stroke | 127 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 |