

Electric linear actuator ELFC-KF-60-1800

Part number: 8062822

FESTO



Data sheet

| Feature | Value |
|--|--|
| Fy with theoretical service life of 100 km (from a guide perspective only) | 2208 N |
| Mx with theoretical service life of 100 km (from a guide perspective only) | 107 Nm |
| Mz with theoretical service life of 100 km (from a guide perspective only) | 117 Nm |
| My with theoretical service life of 100 km (from a guide perspective only) | 117 Nm |
| Fz with theoretical service life of 100 km (from a guide perspective only) | 6624 N |
| Working stroke | 1800 mm |
| Size | 60 |
| Stroke reserve | 0 mm |
| Type code | ELFC |
| Mounting position | Any |
| Guide | Recirculating ball bearing guide |
| Design | Guide |
| Symbol | 00992984 |
| Max. acceleration | 500 m/s ² |
| Max. speed | 1.5 m/s |
| Duty cycle | 100% |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| Degree of protection | IP40 |
| Ambient temperature | 0 °C ... 50 °C |
| 2nd moment of area Iy | 441000 mm ⁴ |
| 2nd moment of area Iz | 542000 mm ⁴ |
| Max. force Fy | 600 N |
| Max. force Fz | 1800 N |
| Max. torque Mx | 29.1 Nm |
| Max. torque My | 31.8 Nm |
| Max. torque Mz | 31.8 Nm |
| Torsion moment of inertia It | 29800 mm ⁴ |
| Displacement force | 6.75 N |
| Moving mass | 407 g |
| Additional weight per 10 mm stroke | 43 g |
| Material of end caps | Die cast aluminum, painted |
| Profile material | Wrought aluminum alloy, anodized |
| Note on materials | Contains paint-wetting impairment substances RoHS-compliant |

| Feature | Value |
|-------------------------|----------------------------|
| Cover strip material | High-alloy stainless steel |
| Cover material | Die cast aluminum, painted |
| Slide carriage material | Steel |
| Guide rail material | Steel |
| Slide material | Die-cast aluminum |