

Electric linear actuator ELFC-KF-60-800

Part number: 8062818

FESTO



Data sheet

Feature	Value
Working stroke	800 mm
Size	60
Stroke reserve	0 mm
Type code	ELFC
Mounting position	Any
Guide	Recirculating ball bearing guide
Structural 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
Fy with theoretical service life of 100 km (from a guide perspective only)	2208 N
Fz with theoretical service life of 100 km (from a guide perspective only)	6624 N
Mx with theoretical service life of 100 km (from a guide perspective only)	107 Nm
My with theoretical service life of 100 km (from a guide perspective only)	117 Nm
Mz with theoretical service life of 100 km (from a guide perspective only)	117 Nm
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