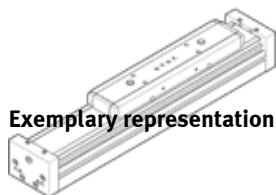


guide axis
ELFA-KF-70- -
 Part number: 8037970



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 5,000 mm
Size	70
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide
Max. acceleration	50 m/s ²
Max. speed	5 m/s
Duty cycle	100 %
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364 zone III
Protection class	IP40
Ambient temperature	-10 ... 60 °C
Area moment of inertia 2nd degree Iy	146.05E+03 mm ⁴
Area moment of inertia 2nd degree Iz	459.29E+03 mm ⁴
Max. force Fy	1,500 N
Max. force Fz	1,850 N
Max. idling displacement resistance	11 N
Max. torque Mx	16 Nm
Max. torque My	132 Nm
Max. torque Mz	132 Nm
Lubrication interval, distance dependent	1,000 km
Slide weight	790 g
Additional slide weight	790 g
Basic weight for 0 mm stroke	2,220 g
Additional weight per 10 mm stroke	38 g
Mounting type	with accessories
Material of profile	Wrought Aluminium alloy Anodised
Materials note	Conforms to RoHS
Material cover tape	Stainless steel strip
Material guide slide	Stainless steel
Material guide rail	Stainless steel
Material slide	Wrought Aluminium alloy Anodised