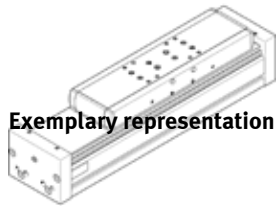
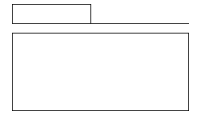


guide axis
ELFA-KF-120- -
 Part number: 8037972



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 8,500 mm
Size	120
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	1,264.58E+03 mm ⁴
Area moment of inertia 2nd degree Iz	4,365.79E+03 mm ⁴
Max. force Fy	5,500 N
Max. force Fz	6,890 N
Max. idling displacement resistance	23 N
Max. torque Mx	104 Nm
Max. torque My	680 Nm
Max. torque Mz	680 Nm
Lubrication interval, distance dependent	1,000 km
Slide weight	3,600 g
Additional slide weight	3,600 g
Basic weight for 0 mm stroke	8,500 g
Additional weight per 10 mm stroke	103 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	Heat-treatment steel
Material guide rail	Heat-treatment steel corrotec coated
Material slide	Wrought Aluminium alloy Anodised