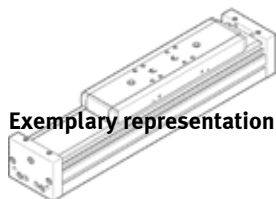


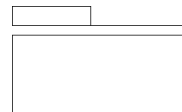
guide axis ELFA-KF-80- -

Part number: 8037971

FESTO



Exemplary representation



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 8,500 mm
Size	80
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 I _y	257.18E+03 mm ⁴
Area moment of inertia 2nd degree I _z	913.66E+03 mm ⁴
Max. force F _y	2,500 N
Max. force F _z	3,050 N
Max. idling displacement resistance	12 N
Max. torque M _x	36 Nm
Max. torque M _y	228 Nm
Max. torque M _z	228 Nm
Lubrication interval, distance dependent	1,000 km
Slide weight	1,610 g
Additional slide weight	1,610 g
Basic weight for 0 mm stroke	3,740 g
Additional weight per 10 mm stroke	49 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