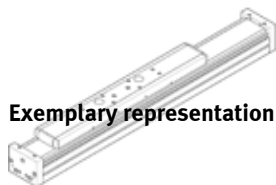
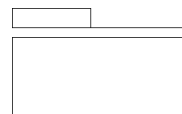


# guide axis ELFA-RF-80- -

Part number: 8037968

FESTO

For supporting forces and torque capacities in multi-axis applications.



Exemplary representation

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 7,000 mm
Size	80
Assembly position	Any
Guide	Roller guide
Design structure	Guide
Max. acceleration	50 m/s <sup>2</sup>
Max. speed	10 m/s
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	269.84E+03 mm <sup>4</sup>
Area moment of inertia 2nd degree Iz	1,018.5E+03 mm <sup>4</sup>
Max. force Fy	800 N
Max. force Fz	800 N
Max. idling displacement resistance	40 N
Max. torque Mx	30 Nm
Lubrication interval, distance dependent	10,000 km
Basic weight for 0 mm stroke	4,280 g
Additional weight per 10 mm stroke	47.13 g
Mounting type	with accessories
Material of profile	Wrought Aluminium alloy Anodised
Materials note	Conforms to RoHS
Material cover tape	Stainless steel strip
Material of guide	Steel
Material slide	Wrought Aluminium alloy Anodised