

Guide axis ELFR-...-45- -

Part number: 571436

FESTO



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 mm ... 1000 mm
Size	45
Mounting position	Any
Guide	Plain-bearing guide Recirculating ball bearing guide
Design	Guide axis without drive
Symbol	00992984
Max. acceleration	50 m/s ²
Max. speed	1 m/s ... 3 m/s
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Degree of protection	IP20
Ambient temperature	-10 °C ... 50 °C
2nd moment of area Iy	15710 mm ⁴
2nd moment of area Iz	17940 mm ⁴
Max. force Fy	100 N
Max. force Fz	100 N
Max. idle running transfer resistance	6 N
Reference service life	5000 km
Additional moving mass per 10 mm stroke	0 g
Basic weight for 0 mm stroke	2670 g
Additional weight per 10 mm stroke	49 g
Material profile	Wrought aluminium alloy anodised
Note on materials	RoHS compliant
Material drive cover	Wrought aluminium alloy anodised
Material guide rail	Steel
Material slide	Wrought aluminium alloy anodised