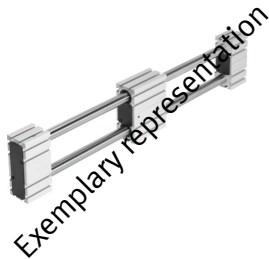


Guide axis ELFR-...-55- -

Part number: 571437

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 mm ... 1500 mm
Size	55
Mounting position	Any
Guide	Sliding guide Recirculating ball bearing guide
Structural design	Guide axis without actuator
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 I _y	38300 mm ⁴
2nd moment of area I _z	41180 mm ⁴
Max. force F _y	300 N
Max. force F _z	300 N
Max. no-load resistance to shifting	10 N
Reference service life	5000 km
Additional moving mass per 10 mm stroke	0 g
Basic weight with 0 mm stroke	4550 g
Additional weight per 10 mm stroke	77 g
Profile material	Wrought aluminum alloy Anodized
Note on materials	RoHS-compliant
Drive cover material	Wrought aluminum alloy Anodized
Guide rail material	Steel
Slide material	Wrought aluminum alloy Anodized