

Guide axis ELFR-...-55- -

Part number: 571437

FESTO



Data sheet

Feature	Value
Working stroke	50 mm...1500 mm
Size	55
Mounting position	optional
Guide	Plain-bearing guide Recirculating ball bearing guide
Design	Passive guide axis
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. idle running transfer resistance	10 N
Reference service life	5000 km
Additional moving mass per 10 mm stroke	0 g
Basic weight for 0 mm stroke	4550 g
Additional weight per 10 mm stroke	77 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