

Guide axis ELFR-...-55- -

Part number: 571437

FESTO



Data sheet

Feature	Value
Working stroke	50 mm...1500 mm
Size	55
Mounting position	Any
Guide	Plain-bearing guide Recirculating ball bearing
Structural design	Guide axis without drive
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	38300 mm ⁴
2nd moment of area Iz	41180 mm ⁴
Max. force Fy	300 N
Max. force Fz	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