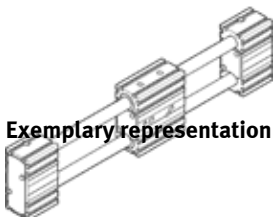


guide axis
ELFR-...-45- -
 Part number: 571436



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 1,000 mm
Size	45
Assembly position	Any
Guide	Plain-bearing guide Recirculating ball bearing guide
Design structure	Guide axis without drive unit
Max. acceleration	50 m/s ²
Max. speed	1 ... 3 m/s
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364 zone III
Protection class	IP20
Ambient temperature	-10 ... 50 °C
Area moment of inertia 2nd degree I _y	15.71E+03 mm ⁴
Area moment of inertia 2nd degree I _z	17.94E+03 mm ⁴
Max. force F _y	100 N
Max. force F _z	100 N
Max. idling displacement resistance	6 N
Reference value, running performance	5,000 km
Additional mass factor per 10 mm of stroke	0 g
Basic weight for 0 mm stroke	2,670 g
Additional weight per 10 mm stroke	49 g
Material of profile	Wrought Aluminium alloy Anodised
Materials note	Conforms to RoHS
Material drive cover	Wrought Aluminium alloy Anodised
Material guide rail	Steel
Material slide	Wrought Aluminium alloy Anodised