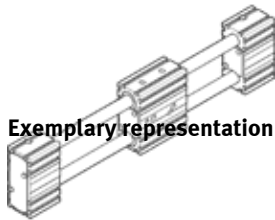
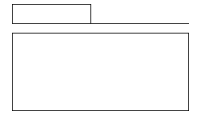


guide axis
ELFR-...-55- -
 Part number: 571437



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 1,500 mm
Size	55
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 Iy	38.3E+03 mm ⁴
Area moment of inertia 2nd degree Iz	41.18E+03 mm ⁴
Max. force Fy	300 N
Max. force Fz	300 N
Max. idling displacement resistance	10 N
Reference value, running performance	5,000 km
Additional mass factor per 10 mm of stroke	0 g
Basic weight for 0 mm stroke	4,550 g
Additional weight per 10 mm stroke	77 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