Toothed belt axis ELGA-TB-RF-120-

Part number: 1371247

Data sheet

Feature	Value
Effective diameter of drive pinion	52.52 mm
Working stroke	50 mm...7400 mm
Size	120
Toothed-belt pitch	5 mm
Mounting position	optional
Guide	Roller bearing guide
Design	Electromechanical linear axis With toothed belt
Type of motor	Servo motor
Max. acceleration	50 m/s²
Max. speed	10 m/s
Repetition accuracy	±0.08 mm
Duty cycle	100%
LABS (PWIS) conformity	VDMA24364 zone III
Suitable for use with food	See supplementary material information
Degree of protection	IP40
Ambient temperature	-10 °C...60 °C
Max. feed force Fx	1000 N
Feed constant	165 mm/U
Lubrication interval dependent on operating distance	10000 km
Material profile	Anodised wrought aluminium alloy
Note on materials	RoHS-compliant
Material cover tape	Stainless steel strip
Material drive cover	Anodised wrought aluminium alloy
Material guide	Steel
Material pulleys	High-alloy stainless steel
Material slide	Anodised wrought aluminium alloy
Material toothed belt clamping piece	Stainless steel casting
Material toothed belt	Polychloroprene with glass filament and nylon coating Polyurethane with steel cord and nylon cover Polyurethane with steel cord