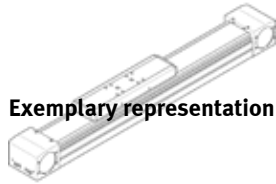


toothed belt axis ELGA-TB-RF-80-

Part number: 1371246

FESTO

With roller bearing guide



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Effective diameter of drive pinion	39.79 mm
Working stroke	50 ... 7,000 mm
Size	80
Toothed-belt pitch	5 mm
Assembly position	Any
Guide	Roller guide
Design structure	Electromechanical linear axis With toothed belt
Motor type	Servomotor
Max. acceleration	50 m/s ²
Max. speed	10 m/s
Repetition accuracy	±0,08 mm
Duty cycle	100 %
PWIS conformity	VDMA24364 zone III
Food-safe	See Supplementary material information
Protection class	IP40
Ambient temperature	-10 ... 60 °C
Max. feed force F _x	600 N
Feed constant	125 mm/U
Lubrication interval, distance dependent	10,000 km
Material of profile	Anodised wrought aluminium alloy
Materials note	Conforms to RoHS
Material cover tape	Stainless steel strip
Material drive cover	Anodised wrought aluminium alloy
Material of guide	Steel
Material pulleys	High alloy steel, non-corrosive
Material slide	Anodised wrought aluminium alloy
Material toothed belt clamping piece	Stainless steel casting
Material toothed belt	polychloroprene with glass cord and nylon coating Polyurethane with steel cord and nylon covering Polyurethane with steel cord