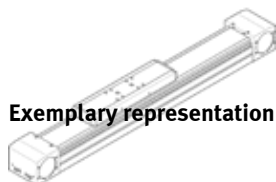


Toothed belt axis ELGA-TB-RF-80-

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 |