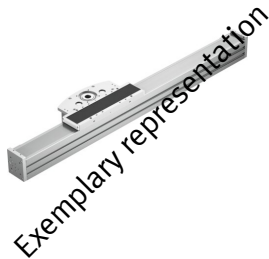


Cantilever axis ELCC-TB-KF-110- -

Part number: 8060574

FESTO



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|-----------------------------------|
| Effective diameter of drive pinion | 68.755 mm |
| Working stroke | 50 mm ... 2000 mm |
| Size | 110 |
| Stroke reserve | 0 mm ... 2000 mm |
| Toothed-belt pitch | 8 mm |
| Mounting position | Any |
| Guide | Recirculating ball bearing guide |
| Design | Electromechanical cantilever axis |
| Symbol | 00991210 |
| Max. acceleration | 30 m/s ² |
| Max. speed | 5 m/s |
| Repetition accuracy | ±0.05 mm |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Degree of protection | IP20 |
| Ambient temperature | -10 °C ... 60 °C |
| 2nd moment of area Iy | 6830570 mm ⁴ |
| 2nd moment of area Iz | 4925970 mm ⁴ |
| Max. drive torque | 90 Nm |
| Max. force Fy | 20596 N |
| Max. force Fz | 20022 N |
| Max. moment Mx | 317 Nm |
| Max. moment My | 2368 Nm |
| Max. moment Mz | 2286 Nm |
| Max. feed force Fx | 2500 N |
| Mass moment of inertia JH per metre of stroke | 174.9 kgcm ² |
| Mass moment of inertia JL per kg of working load | 11.8 kgcm ² |
| Mass moment of inertia JO | 157.1 kgcm ² |
| Feed constant | 216 mm/U |
| Reference service life | 5000 km |
| Lubrication interval dependent on operating distance | 1000 km |
| Moving mass with 0 mm stroke with second drive head | 16953 g |
| Moving mass for 0 mm stroke | 10017 g |
| Additional moving mass per 10 mm stroke | 148 g |
| Weight of additional slide | 4777 g |

| Feature | Value |
|--|---|
| Basic weight for 0 mm stroke | 27299 g |
| Additional weight per 10 mm stroke | 148 g |
| Basic weight for 0 mm stroke with 2nd drive head | 39012 g |
| Material end cap | Anodised wrought aluminium alloy |
| Material profile | Anodised wrought aluminium alloy |
| Note on materials | RoHS compliant |
| Material drive head | Anodised wrought aluminium alloy |
| Material guide rail | Rolled steel, Corrotect coated |
| Material housing | High-alloy stainless steel |
| Material slide | Anodised cast aluminium |
| Material toothed belt clamping piece | Anodised wrought aluminium alloy |
| Material toothed belt | Polychloroprene with glass filament and nylon coating |