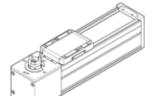
toothed belt axis **ELGC-TB-KF-80-1500** Part number: 8062793







Data sheet



Feature	Value
Max. feed force Fx	250 N
No-load driving torque	0.413 Nm
Torsional mass moment of inertia It	90.5E+03 mm4
Mass moment of inertia JH per metre of stroke	0.1927 kgcm2
Mass moment of inertia JL per kg of working load	2.793 kgcm2
Mass moment of inertia, JO	2.912 kgcm2
Feed constant	105 mm/U
Maintenance interval	Life-time lubrication
Moving mass	901 g
Moving mass with 0 mm stroke	901 g
Slide weight	272 g
Product weight	14,426 g
Basic weight for 0 mm stroke	3,500 g
Additional weight per 10 mm stroke	73 g
Dynamic deflection (load moved)	0.05% of the axis length, max. 0.5 mm
Static deflection (load at standstill)	0.1% of the axis length
Interface code, actuator	T46
Material of end caps	Die-cast aluminium, painted
Material of profile	Anodised wrought aluminium alloy
Materials note	Conforms to RoHS
Material cover tape	Stainless steel strip
Material drive cover	Die-cast aluminium, painted
Material guide slide	Heat-treatment steel
Material guide rail	Heat-treatment steel
Material pulleys	High alloy steel, non-corrosive
Material slide	Aluminium die cast
Material toothed belt	Polychloroprene with glass fibres