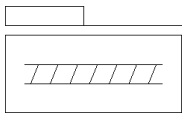
Osa vretena
ELGT-BS-120-700-10P

Broj artikla: 8124459

FESTO



Tehnički podaci

Svojstvo	Vrednost
Radni hod	700 mm
Veličina	120
Rezerva hoda	0 mm
Reverzibilni zazor	<= 0,15 µm
Prečnik vretena	16 mm
Uspon vretena	10 mm/U
Položaj ugradnje	proizvoljno
Vođica	Kuglično vođenje
Konstruktivna struktura	Elektromehanička linearna osovina s kugličnim vretenom
Vrsta motora	Koračni motor Servomotor
Vreteno-tip	Kuglično vreteno
Varijante	Recommended for production facilities for the manufacture of lithium-ion batteries
Maks. ubrzanje	15 m/s2
Maks. brzina obrtanja	3.000 1/min
Maks. brzina	0,5 m/s
Tačnost ponavljanja	±0,02 mm
Trajanje uključenosti	100 %
PWIS conformity	VDMA24364 zone III
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 8
Mehanička zaštita	IP20
Temperatura okoline	0 ... 50 °C
Konstantna ulazna sila	1.265 N
Moment inercije 2. stepena Iy	966E+03 mm4
Moment inercije 2. stepena Iz	6.011E+03 mm4
No-load torque at maximum travel speed	0,3 Nm
No-load torque at minimum travel speed	0,08 Nm
Maks. sila Fy	6.800 N
Maks. sila Fz	8.090 N
Fy with theoretical service life of 100 km (from a guide perspective only)	25.051 N
Fz with theoretical service life of 100 km (from a guide perspective only)	29.804 N
Maks. moment Mx	300 Nm
Maks. moment My	310 Nm
Maks. moment Mz	310 Nm
Mx with theoretical service life of 100 km (from a guide perspective only	1.105 Nm
My with theoretical service life of 100 km (from a guide perspective only)	1.142 Nm
Mz with theoretical service life of 100 km (from a guide perspective only)	1.142 Nm
Maks. radijalna sila na pogonskom vretenu	290 N
Maks. Ulazna sila Fx	1.265 N
Obrtni moment inercije It	506E+03 mm4
Moment inercije, JH po metru hoda	0,3453 kgcm2
Moment inercije, JL po kg korisnog tereta	0,0253 kgcm2
Moment inercije JO	0,1306 kgcm2

Svojstvo	Vrednost
Konstanta posmaka	10 mm/U
Pokretna masa	2.019 g
Težina proizvoda	13.927 g
Osnovna težina kod hoda 0 mm	5.259 g
Dodatna težine po 10 mm hoda	124 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
Materijal - napomena	RoHS komfornost
Material drive cover	Die-cast aluminium, painted
Material guide slide	Čelik
Material guide rail	Čelik
Material slide	Anodised wrought aluminium alloy
Material spindle nut	Čelik
Material spindle	Čelik