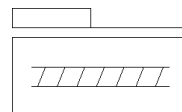
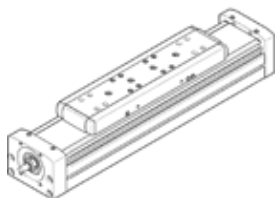


Osa vretena ELGA-BS-KF-80-400-0H-20P-ML

Broj artikla: 8041832

FESTO

With recirculating ball bearing guide



Tehnički podaci

| Svojstvo | Vrednost |
|--|--|
| Radni hod | 400 mm |
| Veličina | 80 |
| Rezerva hoda | 0 mm |
| Prečnik vretena | 15 mm |
| Ušpon vretena | 20 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 |
| Metod merenja sistema merne letve | inkrementalno |
| Maks. ubrzanje | 15 m/s ² |
| Maks. brzina obrtanja | 3.000 1/min |
| Maks. brzina | 1 m/s |
| Tačnost ponavljanja | ±0,02 mm |
| PWIS conformity | VDMA24364 zone III |
| Mehanička zaštita | IP40 |
| Temperatura okoline | -10 ... 60 °C |
| Moment inercije 2. stepena ly | 310E+03 mm ⁴ |
| Moment inercije 2. stepena lz | 977E+03 mm ⁴ |
| No-load torque at maximum travel speed | 0,6 Nm |
| No-load torque at minimum travel speed | 0,35 Nm |
| Maks. sila Fy | 2.500 N |
| Maks. sila Fz | 3.050 N |
| Fy with theoretical service life of 100 km (from a guide perspective only) | 9.200 N |
| Fz with theoretical service life of 100 km (from a guide perspective only) | 11.224 N |
| Maks. moment Mx | 36 Nm |
| Maks. moment My | 228 Nm |
| Maks. moment Mz | 228 Nm |
| Mx with theoretical service life of 100 km (from a guide perspective only) | 132 Nm |
| My with theoretical service life of 100 km (from a guide perspective only) | 839 Nm |
| Mz with theoretical service life of 100 km (from a guide perspective only) | 839 Nm |
| Maks. radialna sila na pogonskom vretenu | 250 N |
| Maks. Ulazna sila Fx | 1.600 N |
| Obrtni moment inercije lt | 67,3E+03 mm ⁴ |
| Moment inercije, JH po metru hoda | 0,346 kgcm ² |
| Moment inercije, JL po kg korisnog tereta | 0,1013 kgcm ² |
| Moment inercije JO | 0,097 kgcm ² |
| Konstanta posmaka | 20 mm/U |
| Pokretna masa | 1.370 g |
| Težina dodatnog klizača | 1.110 g |
| Dodatna težine po 10 mm hoda | 46,5 g |

| Svojstvo | Vrednost |
|--|---|
| 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 |
| Material of end caps | Aluminijumska legura za kovanje eloksirano |
| Material of profile | Aluminijumska legura za kovanje eloksirano |
| Materijal - napomena | RoHS komfornost |
| Material drive cover | Aluminijumska legura za kovanje eloksirano |
| Material guide slide | Čelik |
| Material guide rail | Čelik |
| Material slide | Aluminijumska legura za kovanje eloksirano |
| Material spindle nut | Čelik |
| Material spindle | Čelik |