



## Electric linear slide EGSK-26-100-2P

URL:<https://www.sxplc.com/electric-linear-slide-egsk-26-100-2p>

### Product data sheet

- **Working stroke** 100 mm
- **Size** 26
- **Reversing backlash**  $\leq 20 \mu\text{m}$
- **Screw diameter** 8 mm
- **Spindle pitch** 2 mm/U
- **Mounting position** Any
- **Guide** Recirculating ball bearing guide
- **Structural design** Electromechanical linear axis with ball screw drive
- **Homing** Reference switch
- **Spindle type** Ball screw drive
- **Symbol** 00991211
- **Max. acceleration**  $10 \text{ m/s}^2$
- **Max. speed** 0.28 m/s
- **Repetition accuracy**  $\pm 0.01 \text{ mm}$
- **Corrosion resistance class (CRC)** 0 - No corrosion stress

- **LABS (PWIS) conformity**VDMA24364 zone III
- **Degree of protection**IP10
- **Ambient temperature**0 °C ... 40 °C
- **Fixed bearing dynamic basic load rating**1380 N
- **Linear guide dynamic basic load rating**5746 N
- **Dynamic basic load rating, ball screw drive**2350 N
- **2nd moment of area I<sub>y</sub>**17000 mm<sup>4</sup>
- **2nd moment of area I<sub>z</sub>**150000 mm<sup>4</sup>
- **Max. driving torque**0.037 Nm
- **Max. force F<sub>y</sub>**2223 N
- **Max. force F<sub>z</sub>**2223 N
- **Max. torque M<sub>x</sub>**37.8 Nm
- **Max. torque M<sub>y</sub>**12.9 Nm
- **Max. torque M<sub>z</sub>**12.9 Nm
- **Max. feed force F<sub>x</sub>**116 N
- **No-load driving torque**0.015 Nm
- **Ball screw drive statistical basic load rating**4020 N
- **Linear guide statistical basic load rating**12150 N
- **Mass moment of inertia J<sub>H</sub> per meter of stroke**0.0316 kgcm<sup>2</sup>
- **Mass moment of inertia J<sub>O</sub>**0.00357 kgcm<sup>2</sup>
- **Feed constant**2 mm/U
- **Statistical fixed bearing load rating**1760 N
- **Reference service life**1000 km

- **Moving mass**153 g
- **Slide weight**153 g
- **Product weight**1200 g
- **Additional slide weight**153 g
- **Basic weight with 0 mm stroke**780 g
- **Additional weight per 10 mm stroke**42 g
- **Type of mounting**With internal thread and dowel pin
- **Material of end caps**Die-cast aluminum Coated
- **Profile material**High-alloy stainless steel
- **Note on materials**RoHS-compliant
- **Drive cover material**Die-cast aluminum Coated
- **Slide material**Steel
- **Spindle nut material**Steel
- **Spindle material**Steel

