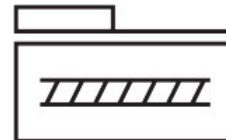


# Electric linear slide EGSK-26-100-2P

Part number: 562765

FESTO



## Data sheet

| Feature                                        | Value                                               |
|------------------------------------------------|-----------------------------------------------------|
| Working stroke                                 | 100 mm                                              |
| Size                                           | 26                                                  |
| Reversing backlash                             | 20 µm                                               |
| 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                                    |
| Max. acceleration                              | 10 m/s <sup>2</sup>                                 |
| Max. speed                                     | 0.28 m/s                                            |
| Repetition accuracy                            | ±0.01 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 Iy                          | 17000 mm <sup>4</sup>                               |
| 2nd moment of area Iz                          | 150000 mm <sup>4</sup>                              |
| Max. driving torque                            | 0.037 Nm                                            |
| Max. force Fy                                  | 2223 N                                              |
| Max. force Fz                                  | 2223 N                                              |
| Max. torque Mx                                 | 37.8 Nm                                             |
| Max. torque My                                 | 12.9 Nm                                             |
| Max. torque Mz                                 | 12.9 Nm                                             |
| Max. feed force Fx                             | 116 N                                               |
| No-load driving torque                         | 0.015 Nm                                            |
| Ball screw drive statistical basic load rating | 4020 N                                              |

| Feature                                       | Value                              |
|-----------------------------------------------|------------------------------------|
| Linear guide statistical basic load rating    | 12150 N                            |
| Mass moment of inertia JH per meter of stroke | 0.0316 kgcm <sup>2</sup>           |
| Mass moment of inertia JO                     | 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<br>Coated        |
| Profile material                              | High-alloy stainless steel         |
| Note on materials                             | RoHS-compliant                     |
| Drive cover material                          | Die-cast aluminum<br>Coated        |
| Slide material                                | Steel                              |
| Spindle nut material                          | Steel                              |
| Spindle material                              | Steel                              |