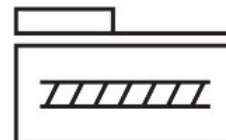


# Electrical slide EGSK-26-50-2P

Part number: 562764

FESTO



## Data sheet

| Feature                                 | Value                                                  |
|-----------------------------------------|--------------------------------------------------------|
| Working stroke                          | 50 mm                                                  |
| Size                                    | 26                                                     |
| Reversing backlash theoretical          | 20 µm                                                  |
| Spindle diameter                        | 8 mm                                                   |
| Spindle pitch                           | 2 mm/U                                                 |
| Mounting position                       | optional                                               |
| Guide                                   | Recirculating ball bearing guide                       |
| Design                                  | Electromechanical linear axis<br>With ball screw drive |
| Referencing                             | 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                                           |
| Dynamic basic load rating fixed bearing | 1380 N                                                 |
| Dynamic basic load rating linear guide  | 5746 N                                                 |
| Dynamic basic load rating ball screw    | 2350 N                                                 |
| 2nd moment of area Iy                   | 17000 mm <sup>4</sup>                                  |
| 2nd moment of area Iz                   | 150000 mm <sup>4</sup>                                 |
| Max. drive torque                       | 0.037 Nm                                               |
| Max. force Fy                           | 2223 N                                                 |
| Max. force Fz                           | 2223 N                                                 |
| Max. moment Mx                          | 37.8 Nm                                                |
| Max. moment My                          | 12.9 Nm                                                |
| Max. moment Mz                          | 12.9 Nm                                                |
| Max. feed force Fx                      | 116 N                                                  |
| Frictional torque independent of load   | 0.015 Nm                                               |
| Static basic load rating ball screw     | 4020 N                                                 |

| Feature                                       | Value                           |
|-----------------------------------------------|---------------------------------|
| Static basic load rating linear guide         | 12150 N                         |
| Mass moment of inertia JH per metre of stroke | 0.0316 kgcm <sup>2</sup>        |
| Mass moment of inertia JO                     | 0.00357 kgcm <sup>2</sup>       |
| Feed constant                                 | 2 mm/U                          |
| Static basic load rating fixed bearing        | 1760 N                          |
| Reference service life                        | 1000 km                         |
| Moving mass                                   | 153 g                           |
| Weight of slide                               | 153 g                           |
| Product weight                                | 990 g                           |
| Weight of additional slide                    | 153 g                           |
| Basic weight for 0 mm stroke                  | 780 g                           |
| Additional weight per 10 mm stroke            | 42 g                            |
| Type of mounting                              | Via female thread and dowel pin |
| Material end cap                              | Die-cast aluminium<br>Coated    |
| Material profile                              | High-alloy stainless steel      |
| Note on materials                             | RoHS-compliant                  |
| Material drive cover                          | Die-cast aluminium<br>Coated    |
| Material slide                                | Steel                           |
| Material ball screw nut                       | Steel                           |
| Material spindle                              | Steel                           |