

# Electric linear slide EGSK-26-200-6P

Part number: 562771

FESTO



 General operating condition

## Data sheet

| Feature  | Value                            |
|--|----------------------------------|
| Working stroke                                 | 200 mm                           |
| Size   | 26                               |
| Reversing backlash                             | ≤20 μm                           |
| Screw diameter                                 | 8 mm                             |
| Spindle pitch                                  | 6 mm/U                           |
| Mounting position                              | Any                              |
| Guide  | Recirculating ball bearing guide |
| Structural design                              | with ball screw drive            |
| Homing   | Reference switch                 |
| Spindle type                                   | Ball screw drive                 |
| Symbol   | 00991211                         |
| Max. acceleration                              | 10 m/s <sup>2</sup>              |
| Max. speed                                     | 0.59 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    | 1950 N                           |
| 2nd moment of area ly                          | 17000 mm <sup>4</sup>            |
| 2nd moment of area lz                          | 150000 mm <sup>4</sup>           |
| Max. driving torque                            | 0.11 Nm                          |
| Max. force Fy                                  | 1541 N                           |
| Max. force Fz                                  | 1541 N                           |
| Max. torque Mx                                 | 26.2 Nm                          |
| Max. torque My                                 | 8.9 Nm                           |
| Max. torque Mz                                 | 8.9 Nm                           |
| Max. feed force Fx                             | 116 N                            |
| No-load driving torque                         | 0.015 Nm                         |
| Ball screw drive statistical basic load rating | 3510 N                           |
| 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                      | 0.00481 kgcm <sup>2</sup>        |

| <b>Feature</b>                        | <b>Value</b>                       |
|---------------------------------------|------------------------------------|
| Feed constant                         | 6 mm/U                             |
| Statistical fixed bearing load rating | 1760 N                             |
| Reference service life                | 3000 km                            |
| Moving mass                           | 153 g                              |
| Slide weight                          | 153 g                              |
| Product weight                        | 1620 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                              |
| Ball screw nut material               | Steel                              |
| Spindle material                      | Steel                              |