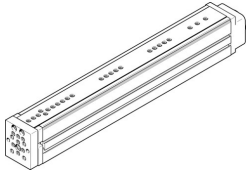


Mini slide EGSL-BS-55-250-5P

Part number: 562229

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|-------------------------------------|------------------------------|
| Working stroke | 250 mm |
| Size | 55 |
| Run. parallelism along Z-axis | 0.1 mm |
| Parallelism | 0.125 mm |
| Reversing backlash | ≤50 μm |
| Screw diameter | 12 mm |
| Spindle pitch | 5 mm/U |
| Mounting position | Any |
| Guide | Ball bearing cage guide |
| Structural design | with ball screw drive |
| Motor type | Stepper motor Servo motor |
| Spindle type | Ball screw drive |
| Symbol | 00992069 |
| Position sensing | For proximity sensor |
| Max. acceleration | 25 m/s ² |
| Max. speed | 0.4 m/s |
| Repetition accuracy | ±0.015 mm |
| Duty cycle | 100% |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Noise level | 65 dB(A) |
| Degree of protection | IP40 |
| Ambient temperature | 0 °C ... 60 °C |
| Continuous feed force | 200 N |
| Max. driving torque | 0.415 Nm |
| Max. force F _y | 563 N |
| Max. force F _z | 563 N |
| Max. torque M _x | 27 Nm |
| Max. torque M _y | 33 Nm |
| Max. torque M _z | 33 Nm |
| Max. radial force on actuator shaft | 260 N |
| Max. feed force F _x | 300 N |
| No-load driving torque | 0.15 Nm |
| Guide value for payload, horizontal | 10 kg |
| Guide value for payload, vertical | 10 kg |

| Feature | Value |
|---|---|
| Mass moment of inertia JL per kg of payload | 0.006 kgcm ² |
| Mass moment of inertia JO | 0.1574 kgcm ² |
| Feed constant | 5 mm/U |
| Maintenance interval | Life-time lubrication |
| Moving mass | 1660 g |
| Product weight | 3950 g |
| Type of mounting | With internal thread With centering sleeve With accessories |
| Note on materials | RoHS-compliant |
| Cover material | Cast aluminum Painted |
| Guide rail material | Roller bearing steel |
| Housing material | Anodized |
| Material of yoke plate | Wrought aluminum alloy Anodized |
| Ball screw nut material | Roller bearing steel |
| Spindle material | Roller bearing steel |