

# electric slide

## EGSK-26-100-6P

Part number: 562769

FESTO

With recirculating ball bearing guide



## Data sheet

Feature	Value
Working stroke	100 mm
Size	26
Reversing backlash	$\leq 20 \mu\text{m}$
Spindle diameter	8 mm
Spindle pitch	6 mm/U
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Electromechanical linear axis With ball screw
Referencing	Reference switch
Spindle type	Ball screw
Max. acceleration	10 m/s <sup>2</sup>
Max. speed	0.59 m/s
Repetition accuracy	$\pm 0,01 \text{ mm}$
Corrosion resistance classification CRC	0 - No corrosion stress
Protection class	IP10
Ambient temperature	0 ... 40 °C
Fixed bearing dynamic basic load rating	1,380 N
Linear guide dynamic basic load rating	5,746 N
Ball screw drive dynamic basic load rating	1,950 N
Area moment of inertia 2nd degree Iy	17E+03 mm <sup>4</sup>
Area moment of inertia 2nd degree Iz	150E+03 mm <sup>4</sup>
Max. drive torque	0.11 Nm
Max. force Fy	1,541 N
Max. force Fz	1,541 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	3,510 N
Linear guide statistical basic load rating	12,150 N
Mass moment of inertia JH per metre of stroke	0.0316 kgcm <sup>2</sup>
Mass moment of inertia, JO	0.00481 kgcm <sup>2</sup>
Feed constant	6 mm/U
Fixed bearing statistical basic load rating	1,760 N
Reference value, running performance	3,000 km
Moving mass	153 g
Slide weight	153 g
Additional slide weight	153 g
Additional weight per 10 mm stroke	42 g
Basic weight for 0 mm stroke	780 g
Product weight	1,200 g
Mounting type	With internal thread and dowel pin

Feature	Value
Material of end caps	Aluminium die cast coated
Material of profile	High alloy steel, non-corrosive
Materials note	Contains PWIS substances Conforms to RoHS
Material drive cover	Aluminium die cast coated
Material slide	Steel
Material spindle nut	Steel
Material spindle	Steel