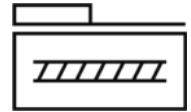
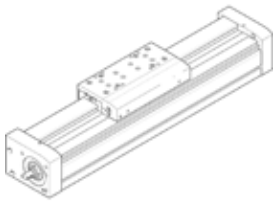


Spindle axis EGC-120- -BS-KF

Part number: 556809

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	values
Working stroke	50 ... 2,500 mm
Size	120
Spindle diameter	25 mm
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Electromechanical linear axis with recirculating ball bearing spindle
Motor type	Stepper motor Servomotor
Spindle type	Ball screw spindle
Max. acceleration	15 m/s ²
Max. speed	0.6 ... 1.5 m/s
Repetition accuracy	+/-0,02 mm
Duty cycle	100%
Protection class	IP40
Ambient temperature	-10 ... 60 °C
Area moment of inertia 2nd degree Ix	5,010E+03 mm ⁴
Area moment of inertia 2nd degree Iy	5,820E+03 mm ⁴
Max. force Fy	6,890 N
Max. force Fz	6,890 N
Max. torque Mx	144 Nm
Max. radial force at drive shaft	500 N
Max. feed force Fx	1,300 N
Torsional mass moment of inertia It	1,430E+03 mm ⁴
Mass moment of inertia JH per metre of stroke	2.756 kgcm ²
Feed constant	10 ... 25 mm/U
Pneumatic port on clamping unit	M5
Material information, end cap	Wrought Aluminium alloy Anodised
Material information, driver	Wrought Aluminium alloy Anodised
Material information, profile	Wrought Aluminium alloy Anodised
Materials note	Conforms to RoHS
Material information, drive unit cover	Wrought Aluminium alloy Anodised
Material information, slide unit guide	Steel
Material information, guide rail	Steel
Material information, slide unit	Wrought Aluminium alloy Anodised
Material information, spindle nut	Steel
Material information, spindle	Steel