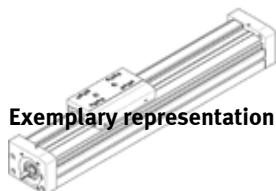


Spindle axis EGC-80- -BS-KF

Part number: 556808

FESTO

With recirculating ball bearing guide



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 2,000 mm
Size	80
Spindle diameter	15 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 actuator
Max. acceleration	15 m/s ²
Max. speed	0.5 ... 1 m/s
Repetition accuracy	±0,02 mm
Duty cycle	100 %
PWIS conformity	VDMA24364-B2-L
Protection class	IP40
Ambient temperature	-10 ... 60 °C
Area moment of inertia 2nd degree Ix	981E+03 mm ⁴
Area moment of inertia 2nd degree Iy	1,320E+03 mm ⁴
Area moment of inertia 2nd degree Iz	981E+03 mm ⁴
Max. force Fy	3,050 N
Max. force Fz	3,050 N
Max. torque Mx	36 Nm
Max. radial force at drive shaft	250 N
Max. feed force Fx	650 N
Torsional mass moment of inertia It	255E+03 mm ⁴
Mass moment of inertia JH per meter of stroke	0.346 kgcm ²
Feed constant	10 ... 20 mm/U
Pneumatic port on clamping unit	M5
Material of end caps	Wrought Aluminum alloy Anodized
Material of moment compensator	Wrought Aluminum alloy Anodized
Material of profile	Wrought Aluminum alloy Anodized
Materials note	Conforms to RoHS
Material drive cover	Wrought Aluminum alloy Anodized
Material guide slide	Steel
Material guide rail	Steel
Material slide	Wrought Aluminum alloy Anodized
Material spindle nut	Steel
Material spindle	Steel