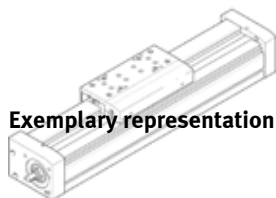


# spindle axis EGC-185- -BS-KF

Part number: 556811

FESTO

With recirculating ball bearing guide



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 3,000 mm
Size	185
Spindle diameter	40 mm
Spindle pitch	40 mm/U
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 <sup>2</sup>
Max. speed	2 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	26,120E+03 mm <sup>4</sup>
Area moment of inertia 2nd degree Iy	26,120E+03 mm <sup>4</sup>
Area moment of inertia 2nd degree Iz	26,120E+03 mm <sup>4</sup>
Max. force Fy	15,200 N
Max. force Fz	15,200 N
Max. torque Mx	529 Nm
Max. radial force at drive shaft	4,000 N
Max. feed force Fx	3,000 N
Torsional mass moment of inertia It	5,140E+03 mm <sup>4</sup>
Mass moment of inertia JH per metre of stroke	18.031 kgcm <sup>2</sup>
Feed constant	40 mm/U
Pneumatic port on clamping unit	M5
Material of end caps	Wrought Aluminium alloy Anodised
Material of moment compensator	Wrought Aluminium alloy Anodised
Material of profile	Wrought Aluminium alloy Anodised
Materials note	Conforms to RoHS
Material drive cover	Wrought Aluminium alloy Anodised
Material guide slide	Steel
Material guide rail	Steel
Material slide	Wrought Aluminium alloy Anodised
Material spindle nut	Steel
Material spindle	Steel