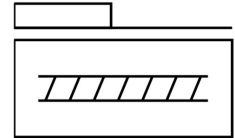


Spindle axis EGC-80-400-BS-10P-KF-0H-ML-GK

Part number: 3013535

FESTO



Data sheet

Feature	Value
Working stroke	400 mm
Size	80
Stroke reserve	0 mm
Spindle diameter	15 mm
Spindle pitch	10 mm/U
Mounting position	optional
Guide	Recirculating ball bearing guide
Design	Electromechanical linear axis With ball screw
Type of motor	Stepper motor Servo motor
Spindle type	Ball screw
Symbol	00991211
Max. acceleration	15 m/s ²
Max. speed	0.5 m/s ... 0.75 m/s
Repetition accuracy	±0.02 mm
Duty cycle	100%
LABS (PWIS) conformity	VDMA24364-B2-L
Degree of protection	IP40
Ambient temperature	-10 °C ... 60 °C
2nd moment of area Ix	981000 mm ⁴
2nd moment of area Iy	1320000 mm ⁴
2nd moment of area Iz	981000 mm ⁴
Max. force Fy	3050 N
Max. force Fz	3050 N
Max. moment Mx	36 Nm
Max. radial force at drive shaft	250 N
Max. feed force Fx	650 N
Torsional mass moment of inertia It	255000 mm ⁴
Mass moment of inertia JH per metre of stroke	0.346 kgcm ²
Feed constant	10 mm/U
Material end cap	Wrought aluminium alloy Anodised
Material driver	Wrought aluminium alloy Anodised
Material profile	Wrought aluminium alloy Anodised

Feature	Value
Note on materials	RoHS-compliant
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