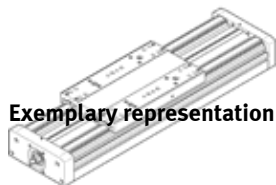


spindle axis EGC-HD-220- -BS

Part number: 556821

FESTO

With recirculating ball bearing guide - heavy-duty guide



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 2,400 mm
Size	220
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	1.5 m/s
Repetition accuracy	±0,02 mm
Duty cycle	100 %
PWIS conformity	VDMA24364 zone III
Protection class	IP40
Ambient temperature	-10 ... 60 °C
Area moment of inertia 2nd degree Iy	5,570E+03 mm ⁴
Area moment of inertia 2nd degree Iz	35,200E+03 mm ⁴
Max. force Fy	13,000 N
Max. force Fz	13,000 N
Max. torque Mx	900 Nm
Max. torque My	1,450 Nm
Max. torque Mz	1,450 Nm
Max. radial force at drive shaft	500 N
Max. feed force Fx	1,500 N
Torsional mass moment of inertia It	3,120E+03 mm ⁴
Mass moment of inertia JH per metre of stroke	0.2756 kgcm ²
Slide weight	5,826 g
Additional slide weight	5,505 g
Basic weight for 0 mm stroke	19,137 g
Additional weight per 10 mm stroke	250 g
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

Feature	Value
Material guide rail	Steel
Material slide	Wrought Aluminium alloy Anodised
Material spindle nut	Steel
Material spindle	Steel