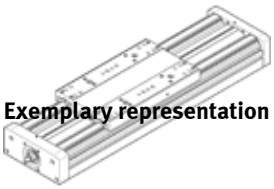
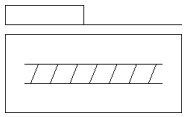
spindle axis
EGC-HD-125- -BS

Part number: 556819

With recirculating ball bearing guide - heavy-duty guide



Exemplary representation



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 ... 900 mm
Size	125
Spindle diameter	12 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/s2
Max. speed	0.5 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	715E+03 mm4
Area moment of inertia 2nd degree Iz	4,110E+03 mm4
Max. force Fy	3,650 N
Max. force Fz	3,650 N
Max. torque Mx	140 Nm
Max. torque My	275 Nm
Max. torque Mz	275 Nm
Max. radial force at drive shaft	220 N
Max. feed force Fx	400 N
Torsional mass moment of inertia It	380E+03 mm4
Mass moment of inertia JH per metre of stroke	0.0142 kgcm2
Slide weight	1,049 g
Additional slide weight	978 g
Basic weight for 0 mm stroke	4,123 g
Additional weight per 10 mm stroke	90 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