

Electric linear actuator EGC-80- -FA

Part number: 558865

FESTO



Data sheet

Feature	Value
Working stroke	50 mm...8500 mm
Size	80
Mounting position	Any
Guide	Recirculating ball bearing guide
Structural design	Guide
Max. acceleration	50 m/s ²
Max. speed	5 m/s
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Degree of protection	IP40
Ambient temperature	-10 °C...60 °C
2nd moment of area Ix	844000 mm ⁴
2nd moment of area Iy	1160000 mm ⁴
Max. force Fy	3050 N
Max. force Fz	3050 N
Max. no-load resistance to shifting	15 N
Max. torque Mx	36 Nm
Max. torque My	97 Nm...228 Nm
Max. torque Mz	97 Nm...228 Nm
Max. force Fy total axis	3050 N
Max. force Fz total axis	3050 N
Max. moment Mx total axis	36 Nm
Max. moment My total axis	97 Nm...228 Nm
Max. moment Mz total axis	97 Nm...228 Nm
Torsion moment of inertia It	551000 mm ⁴
Pneumatic port on clamping unit	M5
Profile material	Wrought aluminum alloy Anodized
Note on materials	RoHS-compliant
Cover profile material	ABS
Cover material	Wrought aluminum alloy Anodized

Feature	Value
Slide carriage material	Steel
Guide rail material	Steel
Slide material	Wrought aluminum alloy Anodized