

Guide axis EGC-80- -FA

Part number: 558865

FESTO



Data sheet

Feature	Value
Working stroke	50 mm...8500 mm
Size	80
Mounting position	optional
Guide	Recirculating ball bearing guide
Design	Guidance
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. idle running transfer resistance	15 N
Max. moment Mx	36 Nm
Max. moment My	97 Nm...228 Nm
Max. moment 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
Torsional mass moment of inertia It	551000 mm ⁴
Pneumatic connection, clamping unit	M5
Material profile	Wrought aluminium alloy Anodised
Note on materials	RoHS-compliant
Material cover profile	ABS
Material cover	Wrought aluminium alloy Anodised

Feature	Value
Material guide slide	Steel
Material guide rail	Steel
Material slide	Wrought aluminium alloy Anodised