

Guide axis EGC-70- -FA

Part number: 558864

FESTO



Data sheet

Feature	Value
Working stroke	50 mm...5000 mm
Size	70
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	395000 mm ⁴
2nd moment of area Iy	577000 mm ⁴
Max. force Fy	1850 N
Max. force Fz	1850 N
Max. idle running transfer resistance	15 N
Max. moment Mx	16 Nm
Max. moment My	51 Nm...132 Nm
Max. moment Mz	51 Nm...132 Nm
Max. force Fy total axis	1850 N
Max. force Fz total axis	1850 N
Max. moment Mx total axis	16 Nm
Max. moment My total axis	51 Nm...132 Nm
Max. moment Mz total axis	51 Nm...132 Nm
Torsional mass moment of inertia It	240000 mm ⁴
Material profile	Wrought aluminium alloy Anodised
Note on materials	RoHS-compliant
Material cover profile	ABS
Material cover	Wrought aluminium alloy Anodised
Material guide slide	Steel

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