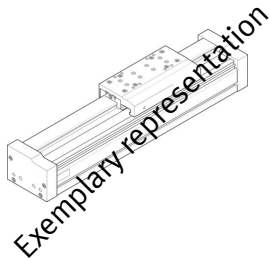


Guide axis EGC-120- -FA

Part number: 558866

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 mm ... 8500 mm
Size	120
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 I _x	4620000 mm ⁴
2nd moment of area I _y	5650000 mm ⁴
Max. force F _y	6890 N
Max. force F _z	6890 N
Max. idle running transfer resistance	15 N
Max. moment M _x	144 Nm
Max. moment M _y	380 Nm ... 680 Nm
Max. moment M _z	380 Nm ... 680 Nm
Max. force F _y total axis	6890 N
Max. force F _z total axis	6890 N
Max. moment M _x total axis	144 Nm
Max. moment M _y total axis	380 Nm ... 680 Nm
Max. moment M _z total axis	380 Nm ... 680 Nm
Torsional mass moment of inertia I _t	2680000 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
Material guide slide	Steel
Material guide rail	Steel

Feature	Value
Material slide	Wrought aluminium alloy Anodised