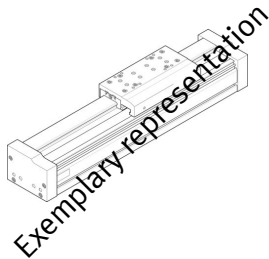


Guide axis EGC-185- -FA

Part number: 558868

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Working stroke	50 mm ... 8500 mm
Size	185
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 I _x	2.34E7 mm ⁴
2nd moment of area I _y	2.74E7 mm ⁴
Max. force F _y	15200 N
Max. force F _z	15200 N
Max. no-load resistance to shifting	15 N
Max. torque M _x	529 Nm
Max. torque M _y	1157 Nm ... 1820 Nm
Max. torque M _z	1157 Nm ... 1820 Nm
Max. force F _y total axis	15200 N
Max. force F _z total axis	15200 N
Max. moment M _x total axis	529 Nm
Max. moment M _y total axis	1157 Nm ... 1820 Nm
Max. moment M _z total axis	1157 Nm ... 1820 Nm
Torsion moment of inertia I _t	1.41E7 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
Slide carriage material	Steel
Guide rail material	Steel

Feature	Value
Slide material	Wrought aluminum alloy Anodized