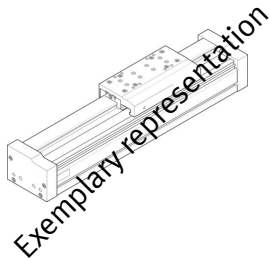


# Guide axis EGC-185- -FA

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	optional
Guide	Recirculating ball bearing guide
Design	Guidance
Max. acceleration	50 m/s <sup>2</sup>
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 <sub>x</sub>	2.34E7 mm <sup>4</sup>
2nd moment of area I <sub>y</sub>	2.74E7 mm <sup>4</sup>
Max. force F <sub>y</sub>	15200 N
Max. force F <sub>z</sub>	15200 N
Max. idle running transfer resistance	15 N
Max. moment M <sub>x</sub>	529 Nm
Max. moment M <sub>y</sub>	1157 Nm ... 1820 Nm
Max. moment M <sub>z</sub>	1157 Nm ... 1820 Nm
Max. force F <sub>y</sub> total axis	15200 N
Max. force F <sub>z</sub> total axis	15200 N
Max. moment M <sub>x</sub> total axis	529 Nm
Max. moment M <sub>y</sub> total axis	1157 Nm ... 1820 Nm
Max. moment M <sub>z</sub> total axis	1157 Nm ... 1820 Nm
Torsional mass moment of inertia I <sub>t</sub>	1.41E7 mm <sup>4</sup>
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