

Guide unit EAGF-P1-KF-16-100

Part number: 3192934

FESTO



Data sheet

Feature	Value
Size	16
Stroke	100 mm
Reversing backlash	0 µm
Type code	EAGF
Mounting position	Any
Guide	Recirculating ball bearing guide
Structural design	Guide
Max. acceleration	25 m/s ²
Max. speed	1 m/s
Corrosion resistance class (CRC)	1 - Low corrosion stress
Degree of protection	IP40
Ambient temperature	0 °C ... 50 °C
Max. force F _y	160 N
Max. force F _y static	355 N
Max. force F _z	160 N
Max. force F _z static	355 N
Max. torque M _x	6 Nm
Max. static moment M _x	13 Nm
Max. torque M _y	4 Nm
Max. static moment M _y	9 Nm
Max. torque M _z	4 Nm
Max. static moment M _z	9 Nm
Displacement force	3.2 N
Moving mass at 0 mm stroke	160 g
Additional weight per 10 mm stroke	8 g
Basic weight with 0 mm stroke	600 g
Additional moving mass per 10 mm stroke	8 g
Center of gravity of moving mass with 0 mm stroke	29 mm
Center of gravity of moving mass with 10 mm stroke	4.5 mm
Type of mounting	With internal thread
Note on materials	Free of copper and PTFE RoHS-compliant
Material of guide component	Tempered steel Hard-chrome-plated
Housing material	Wrought aluminum alloy Anodized

Feature	Value
Material of yoke plate	Wrought aluminum alloy Anodized