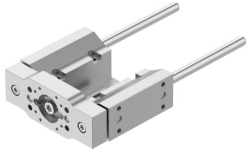


Guide unit EAGF-P2-KF-45-100

Part number: 8158123

FESTO



 General operating condition

Data sheet

Feature	Value
Size	45
Stroke	100 mm
Reversing backlash	0 µm
Mounting position	Any
Guide	Recirculating ball bearing
Structural design	Guide
Max. acceleration	25 m/s ²
Max. speed	1 m/s
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Degree of protection	IP40
Ambient temperature	0 °C ... 60 °C
Max. force F _y	320 N
Max. force F _y static	415 N
Max. force F _z	320 N
Max. force F _z static	415 N
Max. torque M _x	15 Nm
Max. static moment M _x	19 Nm
Max. torque M _y	10 Nm
Max. static moment M _y	12 Nm
Max. torque M _z	10 Nm
Max. static moment M _z	12 Nm
Displacement force	2 N
Moving mass at 0 mm stroke	342 g
Basic weight with 0 mm stroke	1037 g
Additional weight per 10 mm stroke	12.3 g
Additional moving mass per 10 mm stroke	12.3 g
Center of gravity of moving mass with 0 mm stroke	25 mm
Center of gravity of moving mass with 10 mm stroke	4.3 mm
Type of mounting	With internal thread
Note on materials	RoHS compliant
Material of guide component	Quenched and tempered steel Hard chrome-plated
Housing material	Anodized
Material of yoke plate	Wrought aluminum alloy Anodized