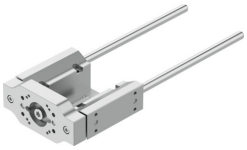
Guide unit
EAGF-P2-KF-60-300

Part number: 8158031



Data sheet

Feature	Value
Size	60
Stroke	300 mm
Reversing backlash	0 µm
Mounting position	Any
Guide	Recirculating ball bearing
Structural design	Guide
Max. acceleration	25 m/s²
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 Fy	380 N
Max. force Fy static	510 N
Max. force Fz	380 N
Max. force Fz static	510 N
Max. torque Mx	20 Nm
Max. static moment Mx	27 Nm
Max. torque My	15 Nm
Max. static moment My	20 Nm
Max. torque Mz	15 Nm
Max. static moment Mz	20 Nm
Displacement force	3 N
Moving mass at 0 mm stroke	583 g
Basic weight with 0 mm stroke	1614 g
Additional weight per 10 mm stroke	17.8 g
Additional moving mass per 10 mm stroke	17.8 g
Center of gravity of moving mass with 0 mm stroke	31 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

Feature	Value
Material of guide component	Quenched and tempered steel Hard chrome-plated
Housing material	Wrought aluminum alloy Anodized
Material of yoke plate	Wrought aluminum alloy Anodized