

# Guide unit

## EAGF-P2-KF-32-100

Part number: 8158029

FESTO



### Data sheet

Feature	Value
Size	32
Stroke	100 mm
Reversing backlash	0 µm
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide
Max. acceleration	25 m/s <sup>2</sup>
Max. speed	1 m/s
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364 zone III
Protection class	IP40
Ambient temperature	0 ... 60 °C
Max. force F <sub>y</sub>	160 N
Max. force F <sub>y</sub> static	355 N
Max. force F <sub>z</sub>	160 N
Max. force F <sub>z</sub> static	355 N
Max. torque M <sub>x</sub>	6 Nm
Max. torque M <sub>x</sub> static	13 Nm
Max. torque M <sub>y</sub>	4 Nm
Max. torque M <sub>y</sub> static	9 Nm
Max. torque M <sub>z</sub>	4 Nm
Max. torque M <sub>z</sub> static	9 Nm
Displacement force	1.6 N
Moving mass with 0 mm stroke	170 g
Basic weight for 0 mm stroke	613 g
Additional weight per 10 mm stroke	7.9 g
Additional mass factor per 10 mm of stroke	7.9 g
Centre of gravity of moving mass with 0 mm stroke	26 mm
Additional allowance for centre of gravity of moving mass per 10 mm stroke	4.3 mm
Mounting type	with internal (female) thread
Materials note	Conforms to RoHS
Material of guide component	Heat-treatment steel hard-chromium plated
Material housing	Wrought Aluminum alloy Anodized
Material yoke plate	Wrought Aluminum alloy Anodized