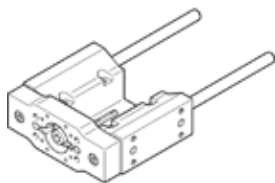


# guide unit EAGF-P2-KF-45-50

Part number: 8158131

FESTO



## Data sheet

Feature	Value
Size	45
Stroke	50 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>	320 N
Max. force F <sub>y</sub> static	415 N
Max. force F <sub>z</sub>	320 N
Max. force F <sub>z</sub> static	415 N
Max. torque M <sub>x</sub>	15 Nm
Max. torque M <sub>x</sub> static	19 Nm
Max. torque M <sub>y</sub>	10 Nm
Max. torque M <sub>y</sub> static	12 Nm
Max. torque M <sub>z</sub>	10 Nm
Max. torque M <sub>z</sub> static	12 Nm
Displacement force	2 N
Moving mass with 0 mm stroke	342 g
Basic weight for 0 mm stroke	1,037 g
Additional weight per 10 mm stroke	12.3 g
Additional mass factor per 10 mm of stroke	12.3 g
Centre of gravity of moving mass with 0 mm stroke	25 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 Aluminium alloy Anodised
Material yoke plate	Wrought Aluminium alloy Anodised