

# guide unit

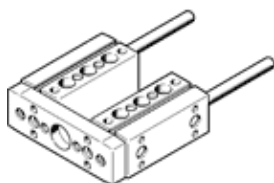
## EAGF-P1-KF-16-50

Part number: 3192932  
Product to be discontinued

FESTO

For electric cylinder EPCO.

Type to be discontinued. Available until 2025. See Support Portal for alternative products.



## Data sheet

Feature	Value
Size	16
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-B2-L
Protection class	IP40
Ambient temperature	0 ... 50 °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	3.2 N
Moving mass with 0 mm stroke	160 g
Basic weight for 0 mm stroke	600 g
Additional weight per 10 mm stroke	8 g
Additional mass factor per 10 mm of stroke	8 g
Centre of gravity of moving mass with 0 mm stroke	29 mm
Additional allowance for centre of gravity of moving mass per 10 mm stroke	4.5 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