

# guide unit

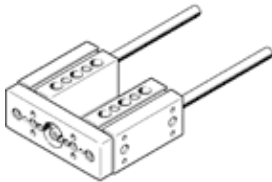
## EAGF-P1-KF-25-100

Part number: 3192945  
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   | 25   |
| 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-B2-L                               |
| Protection class   | IP40   |
| Ambient temperature  | 0 ... 50 °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   | 4 N  |
| Moving mass with 0 mm stroke   | 300 g  |
| Basic weight for 0 mm stroke   | 1,080 g                                      |
| Additional weight per 10 mm stroke   | 12 g   |
| Additional mass factor per 10 mm of stroke                                 | 12 g   |
| Centre of gravity of moving mass with 0 mm stroke                          | 30 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<br>hard-chromium plated |
| Material housing   | Wrought Aluminium alloy<br>Anodised          |
| Material yoke plate  | Wrought Aluminium alloy<br>Anodised          |