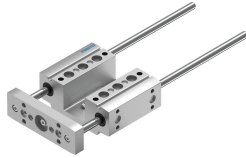


# Guide unit EAGF-P1-KF-16-150

Part number: 3192936

FESTO



## Data sheet

| Feature                                               | Value                            |
|-------------------------------------------------------|----------------------------------|
| Size                                                  | 16                               |
| Stroke                                                | 150 mm                           |
| Reversing backlash theoretical                        | 0 µm                             |
| Mounting position                                     | optional                         |
| Guide                                                 | Recirculating ball bearing guide |
| Design                                                | Guidance                         |
| Max. acceleration                                     | 25 m/s <sup>2</sup>              |
| Max. speed                                            | 1 m/s                            |
| Corrosion resistance class CRC                        | 0 - No corrosion stress          |
| LABS (PWIS) conformity                                | VDMA24364-B2-L                   |
| Degree of protection                                  | IP40                             |
| Ambient temperature                                   | 0 °C...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. moment M <sub>x</sub>                            | 6 Nm                             |
| Max. torque M <sub>x</sub> static                     | 13 Nm                            |
| Max. moment M <sub>y</sub>                            | 4 Nm                             |
| Max. torque M <sub>y</sub> static                     | 9 Nm                             |
| Max. moment M <sub>z</sub>                            | 4 Nm                             |
| Max. torque M <sub>z</sub> static                     | 9 Nm                             |
| Displacement force                                    | 3.2 N                            |
| Moving mass for 0 mm stroke                           | 160 g                            |
| Basic weight for 0 mm stroke                          | 600 g                            |
| Additional weight per 10 mm stroke                    | 8 g                              |
| Additional moving mass per 10 mm stroke               | 8 g                              |
| Centre of gravity at 0 mm stroke                      | 29 mm                            |
| Centre of gravity additional of moving mass per 10 mm | 4.5 mm                           |
| Type of mounting                                      | Via female thread                |
| Note on materials                                     | RoHS-compliant                   |

| Feature                  | Value                                |
|--------------------------|--------------------------------------|
| Material guide component | Tempered steel<br>Hard-chrome-plated |
| Material housing         | Wrought aluminium alloy<br>Anodised  |
| Material yoke plate      | Wrought aluminium alloy<br>Anodised  |