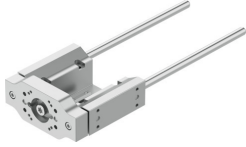


# Guide unit EAGF-P2-KF-60-200

Part number: 8158142

FESTO



 General operating condition

## Data sheet

| Feature  | Value   |
|--|---|
| Size   | 60  |
| Stroke   | 200 mm  |
| Reversing backlash                                 | 0 µm  |
| Mounting position                                  | Any   |
| Guide  | Recirculating ball bearing                        |
| Structural design                                  | Guide   |
| 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 Zone III                                |
| Degree of protection                               | IP40  |
| Ambient temperature                                | 0 °C ... 60 °C                                    |
| Max. force F <sub>y</sub>                          | 380 N   |
| Max. force F <sub>y</sub> static                   | 510 N   |
| Max. force F <sub>z</sub>                          | 380 N   |
| Max. force F <sub>z</sub> static                   | 510 N   |
| Max. torque M <sub>x</sub>                         | 20 Nm   |
| Max. static moment M <sub>x</sub>                  | 27 Nm   |
| Max. torque M <sub>y</sub>                         | 15 Nm   |
| Max. static moment M <sub>y</sub>                  | 20 Nm   |
| Max. torque M <sub>z</sub>                         | 15 Nm   |
| Max. static moment M <sub>z</sub>                  | 20 Nm   |
| Displacement force                                 | 3 N   |
| Moving mass at 0 mm stroke                         | 583 g   |
| Basic weight with 0 mm stroke                      | 1614 g  |
| Additional weight per 10 mm stroke                 | 17.8 g  |
| Additional moving mass per 10 mm stroke            | 17.8 g  |
| Center of gravity of moving mass with 0 mm stroke  | 31 mm   |
| Center of gravity of moving mass with 10 mm stroke | 4.3 mm  |
| Type of mounting                                   | With internal thread                              |
| Note on materials                                  | RoHS compliant                                    |
| Material of guide component                        | Quenched and tempered steel<br>Hard chrome-plated |
| Housing material                                   | Anodized  |
| Material of yoke plate                             | Wrought aluminum alloy<br>Anodized                |