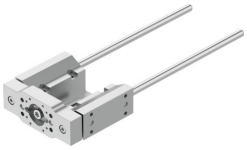
# Guide unit
# EAGF-P2-KF-45-150

Part number: 8158125



## Data sheet

| Feature | Value |
|---|---|
| Size | 45 |
| Stroke | 150 mm |
| Reversing backlash | 0 µm |
| Mounting position | Any |
| Guide | Recirculating ball bearing |
| Structural design | Guide |
| Max. acceleration | 25 m/s² |
| 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 Fy | 320 N |
| Max. force Fy static | 415 N |
| Max. force Fz | 320 N |
| Max. force Fz static | 415 N |
| Max. torque Mx | 15 Nm |
| Max. static moment Mx | 19 Nm |
| Max. torque My | 10 Nm |
| Max. static moment My | 12 Nm |
| Max. torque Mz | 10 Nm |
| Max. static moment Mz | 12 Nm |
| Displacement force | 2 N |
| Moving mass at 0 mm stroke | 342 g |
| Basic weight with 0 mm stroke | 1037 g |
| Additional weight per 10 mm stroke | 12.3 g |
| Additional moving mass per 10 mm stroke | 12.3 g |
| Center of gravity of moving mass with 0 mm stroke | 25 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 |

| Feature | Value |
|---|---|
| Material of guide component | Quenched and tempered steel<br>Hard chrome-plated |
| Housing material | Wrought aluminum alloy<br>Anodized |
| Material of yoke plate | Wrought aluminum alloy<br>Anodized |