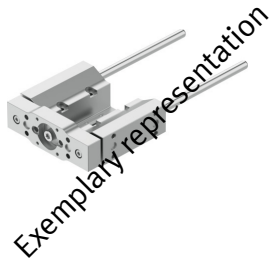


Guide unit EAGF-P2-KF-32-

Part number: 8158030



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|----------------------------------------------------|--------------------------------------|
| Size | 32 |
| Stroke | 1 mm ... 200 mm |
| Reversing backlash | 0 µm |
| Mounting position | Any |
| Guide | Recirculating ball bearing guide |
| Structural design | Guide |
| Max. acceleration | 25 m/s ² |
| 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 _y | 160 N |
| Max. force F _y static | 355 N |
| Max. force F _z | 160 N |
| Max. force F _z static | 355 N |
| Max. torque M _x | 6 Nm |
| Max. static moment M _x | 13 Nm |
| Max. torque M _y | 4 Nm |
| Max. static moment M _y | 9 Nm |
| Max. torque M _z | 4 Nm |
| Max. static moment M _z | 9 Nm |
| Displacement force | 1.6 N |
| Moving mass at 0 mm stroke | 170 g |
| Basic weight with 0 mm stroke | 613 g |
| Additional weight per 10 mm stroke | 7.9 g |
| Additional moving mass per 10 mm stroke | 7.9 g |
| Center of gravity of moving mass with 0 mm stroke | 26 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 | Tempered steel Hard-chrome-plated |
| Housing material | Anodized |

| Feature | Value |
|------------------------|------------------------------------|
| Material of yoke plate | Wrought aluminum alloy Anodized |