

# Guide unit FENG-80-50-KF

Part number: 34521

**FESTO**



## Data sheet

| Feature                             | Value                                      |
|-------------------------------------|--------------------------------------------|
| Size                                | 80                                         |
| Stroke                              | 50 mm                                      |
| Mounting position                   | Any                                        |
| Guide                               | Recirculating ball bearing                 |
| Structural design                   | Guide                                      |
| Explosion prevention and protection | Observe the information on the certificate |
| LABS (PWIS) conformity              | VDMA24364-B2-L                             |
| Ambient temperature                 | -20 °C...80 °C                             |
| Max. force Fy                       | 2300 N                                     |
| Max. force Fy static                | 3120 N                                     |
| Max. force Fz                       | 2300 N                                     |
| Max. force Fz static                | 3120 N                                     |
| Max. torque Mx                      | 170 Nm                                     |
| Max. static moment Mx               | 231 Nm                                     |
| Max. torque My                      | 191 Nm                                     |
| Max. static moment My               | 259 Nm                                     |
| Max. torque Mz                      | 191 Nm                                     |
| Max. static moment Mz               | 259 Nm                                     |
| Displacement force                  | 40 N                                       |
| Product weight                      | 10815 g                                    |
| Type of mounting                    | With internal thread                       |
| Note on materials                   | RoHS compliant                             |
| Material of guide component         | Quenched and tempered steel                |
| Housing material                    | Wrought aluminum alloy, anodized           |
| Material of yoke plate              | Quenched and tempered steel                |