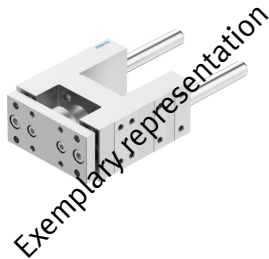


# Guide unit FENG-50- -KF

Part number: 34489

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                            | Value                                      |
|----------------------------------------------------|--------------------------------------------|
| Size                                               | 50                                         |
| Stroke                                             | 10 mm ... 500 mm                           |
| Mounting position                                  | Any                                        |
| Guide                                              | Recirculating ball bearing guide           |
| 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                                      | 1260 N                                     |
| Max. force Fy static                               | 1600 N                                     |
| Max. force Fz                                      | 1260 N                                     |
| Max. force Fz static                               | 1600 N                                     |
| Max. torque Mx                                     | 65 Nm                                      |
| Max. static moment Mx                              | 83 Nm                                      |
| Max. torque My                                     | 70 Nm                                      |
| Max. static moment My                              | 89 Nm                                      |
| Max. torque Mz                                     | 70 Nm                                      |
| Max. static moment Mz                              | 89 Nm                                      |
| Displacement force                                 | 15 N                                       |
| Moving mass at 0 mm stroke                         | 1430 g                                     |
| Additional moving mass per 10 mm stroke            | 49 g                                       |
| Basic weight with 0 mm stroke                      | 4030 g                                     |
| Additional weight per 10 mm stroke                 | 49 g                                       |
| Center of gravity of moving mass with 0 mm stroke  | 60 mm                                      |
| Center of gravity of moving mass with 10 mm stroke | 4.7 mm                                     |
| Type of mounting                                   | With internal thread                       |
| Note on materials                                  | RoHS-compliant                             |
| Material of guide component                        | Tempered steel                             |
| Housing material                                   | Wrought aluminum alloy, anodized           |
| Material of yoke plate                             | Wrought aluminum alloy, anodized           |