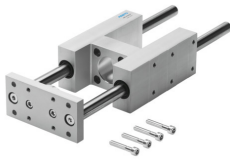


# Guide unit FENG-80- -KF

Part number: 34491

**FESTO**



## Data sheet

| Feature                                               | Value                                                |
|-------------------------------------------------------|------------------------------------------------------|
| Size                                                  | 80                                                   |
| Stroke                                                | 10 mm...500 mm                                       |
| Mounting position                                     | optional                                             |
| Guide                                                 | Recirculating ball bearing guide                     |
| Design                                                | Guidance                                             |
| Explosion protection                                  | The information in the certificate must be observed! |
| 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. moment Mx                                        | 170 Nm                                               |
| Max. torque Mx static                                 | 231 Nm                                               |
| Max. moment My                                        | 191 Nm                                               |
| Max. torque My static                                 | 259 Nm                                               |
| Max. moment Mz                                        | 191 Nm                                               |
| Max. torque Mz static                                 | 259 Nm                                               |
| Displacement force                                    | 40 N                                                 |
| Additional moving mass per 10 mm stroke               | 77 g                                                 |
| Basic weight for 0 mm stroke                          | 10430 g                                              |
| Additional weight per 10 mm stroke                    | 77 g                                                 |
| Centre of gravity at 0 mm stroke                      | 54 mm                                                |
| Centre of gravity additional of moving mass per 10 mm | 3.9 mm                                               |
| Type of mounting                                      | Via female thread                                    |
| Note on materials                                     | RoHS-compliant                                       |
| Material guide component                              | Tempered steel                                       |
| Material housing                                      | Anodised wrought aluminium alloy                     |
| Material yoke plate                                   | Tempered steel                                       |