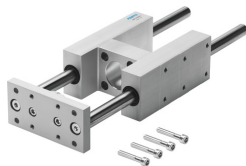


# Guide unit FENG-80-100-KF

Part number: 34522

FESTO



 General operating condition

## Data sheet

| Feature                  | Value                                                              |
|--------------------------|--------------------------------------------------------------------|
| Size                     | 80                                                                 |
| Stroke                   | 100 mm                                                             |
| Mounting position        | optional                                                           |
| Guide                    | Recirculating ball bearing guide                                   |
| Design                   | Guidance                                                           |
| Explosion protection     | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| 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                                                               |
| Product weight           | 11200 g                                                            |
| 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                                                     |