

# Guide unit FENG-80-100-KF

Part number: 34522

FESTO



 [General operating condition](#)

## Data sheet

| Feature                           | Value  |
|-----------------------------------|--|
| Size                              | 80   |
| Stroke                            | 100 mm   |
| Mounting position                 | Any  |
| 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 F <sub>y</sub>         | 2300 N   |
| Max. force F <sub>y</sub> static  | 3120 N   |
| Max. force F <sub>z</sub>         | 2300 N   |
| Max. force F <sub>z</sub> static  | 3120 N   |
| Max. moment M <sub>x</sub>        | 170 Nm   |
| Max. torque M <sub>x</sub> static | 231 Nm   |
| Max. moment M <sub>y</sub>        | 191 Nm   |
| Max. torque M <sub>y</sub> static | 259 Nm   |
| Max. moment M <sub>z</sub>        | 191 Nm   |
| Max. torque M <sub>z</sub> static | 259 Nm   |
| Displacement force                | 40 N   |
| Product weight                    | 11200 g  |
| Type of mounting                  | With female thread                                   |
| Note on materials                 | RoHS compliant                                       |
| Material guide component          | Tempered steel                                       |
| Material housing                  | Anodised wrought aluminium alloy                     |
| Material yoke plate               | Tempered steel                                       |