

# Guide unit FENG-100-250-KF

Part number: 34533

FESTO



 General operating condition

## Data sheet

| Feature                             | Value  |
|-------------------------------------|--|
| Size                                | 100  |
| Stroke                              | 250 mm   |
| Mounting position                   | Any  |
| Guide                               | Recirculating ball bearing guide                                   |
| Structural design                   | Guide  |
| Explosion prevention and 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 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. torque M <sub>x</sub>          | 198 Nm   |
| Max. static moment M <sub>x</sub>   | 268 Nm   |
| Max. torque M <sub>y</sub>          | 197 Nm   |
| Max. static moment M <sub>y</sub>   | 267 Nm   |
| Max. torque M <sub>z</sub>          | 197 Nm   |
| Max. static moment M <sub>z</sub>   | 267 Nm   |
| Displacement force                  | 40 N   |
| Product weight                      | 14915 g  |
| 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              | Tempered steel   |