

# Guide unit FEN-12/16-80-KF

Part number: 8204026

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                  | Value                                                |
|--------------------------|------------------------------------------------------|
| Size                     | 12/16                                                |
| Stroke                   | 80 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            | 520 N                                                |
| Max. force Fy static     | 830 N                                                |
| Max. force Fz            | 520 N                                                |
| Max. force Fz static     | 830 N                                                |
| Max. moment Mx           | 12 Nm                                                |
| Max. torque Mx static    | 20 Nm                                                |
| Max. moment My           | 7 Nm                                                 |
| Max. torque My static    | 12 Nm                                                |
| Max. moment Mz           | 7 Nm                                                 |
| Max. torque Mz static    | 12 Nm                                                |
| Displacement force       | 15 N                                                 |
| Moving mass              | 257 g                                                |
| Product weight           | 525 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      | Anodised wrought aluminium alloy                     |