

# guide unit FENG-80-400-KF

Part number: 34527

FESTO

with recirculating ball bearing guide, serves for protection against rotation, provides a high accuracy of guidance.



## Data sheet

| Feature                     | Value                                       |
|-----------------------------|---|
| Size                        | 80  |
| Stroke                      | 400 mm                                      |
| Assembly position           | Any   |
| Guide                       | Recirculating ball bearing guide            |
| Design structure            | Guide                                       |
| Ambient temperature         | -20 ... 80 °C                               |
| Max. force $F_y$            | 2,300 N                                     |
| Max. force $F_y$ static     | 3,120 N                                     |
| Max. force $F_z$            | 2,300 N                                     |
| Max. force $F_z$ static     | 3,120 N                                     |
| Max. torque $M_x$           | 170 Nm                                      |
| Max. torque $M_x$ static    | 231 Nm                                      |
| Max. torque $M_y$           | 191 Nm                                      |
| Max. torque $M_y$ static    | 259 Nm                                      |
| Max. torque $M_z$           | 191 Nm                                      |
| Max. torque $M_z$ static    | 259 Nm                                      |
| Displacement force          | 40 N  |
| Product weight              | 13,510 g                                    |
| Mounting type               | with internal (female) thread               |
| Materials note              | Free of copper and PTFE<br>Conforms to RoHS |
| Material of guide component | Heat-treatment steel                        |
| Material housing            | Anodised wrought aluminium alloy            |
| Material yoke plate         | Heat-treatment steel                        |