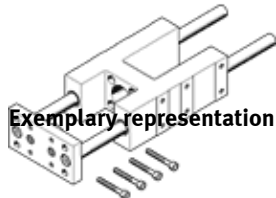


# Guide unit FENG-32- -KF

Part number: 34487

FESTO

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



## Data sheet

| Feature  | Value                            |
|--|----------------------------------|
| Size   | 32                               |
| Stroke   | 10 ... 500 mm                    |
| Assembly position  | Any                              |
| Guide  | Recirculating ball bearing guide |
| Design structure   | Guide                            |
| PWIS conformity  | VDMA24364-B2-L                   |
| Ambient temperature  | -20 ... 80 °C                    |
| Max. force F <sub>y</sub>  | 750 N                            |
| Max. force F <sub>y</sub> static   | 1,020 N                          |
| Max. force F <sub>z</sub>  | 750 N                            |
| Max. force F <sub>z</sub> static   | 1,020 N                          |
| Max. torque M <sub>x</sub>   | 28 Nm                            |
| Max. torque M <sub>x</sub> static  | 38 Nm                            |
| Max. torque M <sub>y</sub>   | 34 Nm                            |
| Max. torque M <sub>y</sub> static  | 46 Nm                            |
| Max. torque M <sub>z</sub>   | 34 Nm                            |
| Max. torque M <sub>z</sub> static  | 46 Nm                            |
| Displacement force   | 15 N                             |
| Additional mass factor per 10 mm of stroke                                 | 18 g                             |
| Basic weight for 0 mm stroke   | 1,530 g                          |
| Additional weight per 10 mm stroke   | 18 g                             |
| Centre of gravity of moving mass with 0 mm stroke                          | 43 mm                            |
| Additional allowance for centre of gravity of moving mass per 10 mm stroke | 4.5 mm                           |
| Mounting type  | with internal (female) thread    |
| Materials note   | Conforms to RoHS                 |
| Material of guide component  | Heat-treatment steel             |
| Material housing   | Anodised wrought aluminium alloy |
| Material yoke plate  | Anodised wrought aluminium alloy |