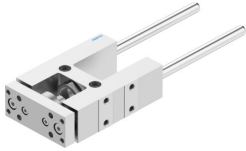


# Guide unit FEN-20- -KF

Part number: 33482

FESTO



## Data sheet

| Feature                                            | Value                                      |
|----------------------------------------------------|--------------------------------------------|
| Size                                               | 20                                         |
| Stroke                                             | 2 mm...250 mm                              |
| Mounting position                                  | Any                                        |
| Guide                                              | Recirculating ball bearing                 |
| Structural design                                  | Guide                                      |
| Explosion prevention and protection                | Observe the information on the certificate |
| 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. torque Mx                                     | 15 Nm                                      |
| Max. static moment Mx                              | 24 Nm                                      |
| Max. torque My                                     | 20 Nm                                      |
| Max. static moment My                              | 31 Nm                                      |
| Max. torque Mz                                     | 20 Nm                                      |
| Max. static moment Mz                              | 31 Nm                                      |
| Displacement force                                 | 15 N                                       |
| Moving mass at 0 mm stroke                         | 269 g                                      |
| Additional moving mass per 10 mm stroke            | 12 g                                       |
| Basic weight with 0 mm stroke                      | 828 g                                      |
| Additional weight per 10 mm stroke                 | 12 g                                       |
| Center of gravity of moving mass with 0 mm stroke  | 42 mm                                      |
| Center of gravity of moving mass with 10 mm stroke | 4.7 mm                                     |
| Type of mounting                                   | With internal thread                       |
| Note on materials                                  | RoHS compliant                             |
| Material of guide component                        | Quenched and tempered steel                |
| Housing material                                   | Wrought aluminum alloy, anodized           |
| Material of yoke plate                             | Wrought aluminum alloy, anodized           |