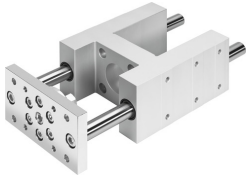


# Guide unit EAGF-V2-KF-80-100

Part number: 1725846

FESTO



## Data sheet

| Feature                                            | Value                                     |
|----------------------------------------------------|-------------------------------------------|
| Size                                               | 80                                        |
| Stroke                                             | 100 mm                                    |
| Reversing backlash                                 | 0 µm                                      |
| Type code                                          | EAGF                                      |
| Mounting position                                  | Any                                       |
| Guide                                              | Recirculating ball bearing guide          |
| Structural design                                  | Guide                                     |
| Corrosion resistance class (CRC)                   | 0 - No corrosion stress                   |
| Ambient temperature                                | -20 °C ... 80 °C                          |
| Max. force Fy                                      | 2300 N                                    |
| Max. force Fy static                               | 3120 N                                    |
| Max. force Fz                                      | 2300 N                                    |
| Max. force Fz static                               | 3120 N                                    |
| Max. torque Mx                                     | 170 Nm                                    |
| Max. static moment Mx                              | 231 Nm                                    |
| Max. torque My                                     | 191 Nm                                    |
| Max. static moment My                              | 259 Nm                                    |
| Max. torque Mz                                     | 191 Nm                                    |
| Max. static moment Mz                              | 259 Nm                                    |
| Displacement force                                 | 40 N                                      |
| Moving mass                                        | 5910 g                                    |
| Product weight                                     | 11277 g                                   |
| Center of gravity of moving mass with 0 mm stroke  | 54 mm                                     |
| Center of gravity of moving mass with 10 mm stroke | 3.8 mm                                    |
| Type of mounting                                   | With internal thread                      |
| Note on materials                                  | Free of copper and PTFE<br>RoHS-compliant |
| Material of guide component                        | Tempered steel                            |
| Housing material                                   | Wrought aluminum alloy<br>Anodized        |
| Material of yoke plate                             | Steel                                     |