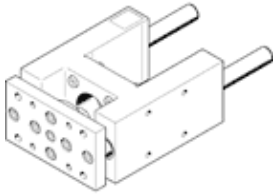


# guide unit EAGF-V2-KF-80-100

Part number: 1725846

FESTO

For electric cylinder ESBF.



## Data sheet

| Feature  | Value                               |
|--|-------------------------------------|
| Size   | 80                                  |
| Stroke   | 100 mm                              |
| Reversing backlash   | 0 µm                                |
| Assembly position  | Any                                 |
| Guide  | Recirculating ball bearing guide    |
| Design structure   | Guide                               |
| Corrosion resistance classification CRC                                    | 0 - No corrosion stress             |
| PWIS conformity  | VDMA24364-B2-L                      |
| Ambient temperature  | -20 ... 80 °C                       |
| Max. force F <sub>y</sub>  | 2,300 N                             |
| Max. force F <sub>y</sub> static   | 3,120 N                             |
| Max. force F <sub>z</sub>  | 2,300 N                             |
| Max. force F <sub>z</sub> static   | 3,120 N                             |
| Max. torque M <sub>x</sub>   | 170 Nm                              |
| Max. torque M <sub>x</sub> static  | 231 Nm                              |
| Max. torque M <sub>y</sub>   | 191 Nm                              |
| Max. torque M <sub>y</sub> static  | 259 Nm                              |
| Max. torque M <sub>z</sub>   | 191 Nm                              |
| Max. torque M <sub>z</sub> static  | 259 Nm                              |
| Displacement force   | 40 N                                |
| Moving mass  | 5,910 g                             |
| Product weight   | 11,277 g                            |
| Centre of gravity of moving mass with 0 mm stroke                          | 54 mm                               |
| Additional allowance for centre of gravity of moving mass per 10 mm stroke | 3.8 mm                              |
| Mounting type  | with internal (female) thread       |
| Materials note   | Conforms to RoHS                    |
| Material of guide component  | Heat-treatment steel                |
| Material housing   | Wrought Aluminium alloy<br>Anodised |
| Material yoke plate  | Steel                               |