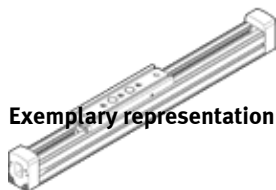
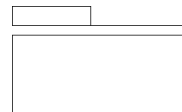


# guide axis FDG-40- -ZR-RF

Part number: 538792

FESTO



Exemplary representation

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                              | Value                     |
|--------------------------------------|---------------------------|
| Size                                 | 40                        |
| Stroke                               | 1 ... 5,000 mm            |
| Stroke reserve                       | 136 mm                    |
| Assembly position                    | Any                       |
| Guide                                | Roller guide              |
| Design structure                     | Guide                     |
| Max. acceleration                    | $\leq 50 \text{ m/s}^2$   |
| Max. speed                           | $\leq 10 \text{ m/s}$     |
| Ambient temperature                  | 0 ... 60 °C               |
| Area moment of inertia 2nd degree Ix | 2,479E+03 mm <sup>4</sup> |
| Area moment of inertia 2nd degree Iy | 946.3E+03 mm <sup>4</sup> |
| Max. force Fy                        | 300 N                     |
| Max. force Fz                        | 300 N                     |
| Max. torque Mx                       | 18 Nm                     |
| Displacement force                   | 5 ... 35 N                |
| Additional weight per 10 mm stroke   | 59.1 g                    |
| Mounting type                        | with accessories          |
| Materials note                       | Free of copper and PTFE   |
| Material cover cap                   | PA                        |
| Material guide rail                  | Steel                     |
| Material of guide component          | Steel                     |
| Material housing                     | Aluminium<br>Anodised     |