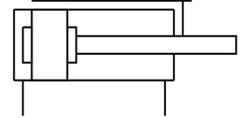


# Guided actuator DGRF-C-GF-25- -P

Part number: 562217

FESTO



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 10 mm ... 400 mm   |
| Piston diameter                          | 25 mm  |
| Type code                                | DGRF   |
| Drive unit operating mode                | Yoke   |
| Cushioning                               | Elastic cushioning rings/pads at both ends                         |
| Mounting position                        | Any  |
| Guide                                    | Sliding guide  |
| Structural design                        | Guide  |
| Symbol                                   | 00991738   |
| Variants                                 | For unlubricated operation   |
| Operating pressure                       | 2.5 bar ... 10 bar   |
| Mode of operation                        | Double-acting  |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 3 - High corrosion stress  |
| For use in the food industry             | See supplementary material information                             |
| Ambient temperature                      | -20 °C ... 80 °C   |
| Impact energy in the end positions       | 0.3 J  |
| Theoretical force at 6 bar, retracting   | 247 N  |
| Theoretical force at 6 bar, advancing    | 295 N  |
| Torsional backlash                       | 0.107 deg  |
| Moving mass at 0 mm stroke               | 486 g  |
| Additional weight per 10 mm stroke       | 54.6 g   |
| Basic weight with 0 mm stroke            | 1199 g   |
| Additional moving mass per 10 mm stroke  | 37.7 g   |
| Type of mounting                         | Optionally:<br>With through-hole<br>With internal thread           |
| Pneumatic connection                     | M5   |
| Note on materials                        | RoHS-compliant   |
| Cover material                           | Wrought aluminum alloy   |
| Guide rod material                       | High-alloy stainless steel   |
| Housing material                         | Wrought aluminum alloy   |
| Piston rod material                      | High-alloy stainless steel   |
| Material of cylinder barrel              | Wrought aluminum alloy   |