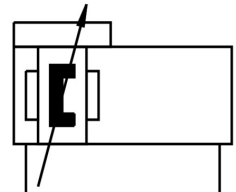


# Linear actuator DLGF-G-32-400-PPSA

Part number: 5074786

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 400 mm                                                             |
| Piston diameter                          | 32 mm                                                              |
| Type code                                | DLGF                                                               |
| Cushioning                               | Self-adjusting pneumatic end-position cushioning                   |
| Mounting position                        | Any                                                                |
| Guide                                    | Basic guide                                                        |
| Driver principle                         | Positive locking (slot)                                            |
| Position sensing                         | For proximity sensor                                               |
| Symbol                                   | 00995280                                                           |
| Operating pressure                       | 0.15 MPa ... 0.8 MPa                                               |
| Operating pressure                       | 1.5 bar ... 8 bar                                                  |
| Mode of operation                        | Double-acting                                                      |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:-:-]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 1 - Low corrosion stress                                           |
| Ambient temperature                      | 0 °C ... 60 °C                                                     |
| Cushioning length                        | 11.6 mm                                                            |
| Max. force Fy                            | 0 N                                                                |
| Max. force Fz (towards actuator)         | 276 N                                                              |
| Max. force +Fz (away from actuator)      | 138 N                                                              |
| Max. torque Mx                           | 1.8 Nm                                                             |
| Max. torque My                           | 7.6 Nm                                                             |
| Max. torque Mz                           | 2.9 Nm                                                             |
| Theoretical force at 6 bar, retracting   | 483 N                                                              |
| Theoretical force at 6 bar, advancing    | 483 N                                                              |
| Moving mass                              | 208 g                                                              |
| Product weight                           | 3893 g                                                             |
| Alternative connections                  | See product drawing                                                |
| Type of mounting                         | Direct mounting via through-hole<br>With accessories               |
| Pneumatic connection                     | G1/8                                                               |
| Note on materials                        | RoHS-compliant<br>Copper-free                                      |
| Cover material                           | Die-cast aluminum, coated                                          |
| Seals material                           | NBR<br>TPE-U(PU)                                                   |

| Feature          | Value              |
|------------------|--------------------|
| Housing material | Aluminum, anodized |