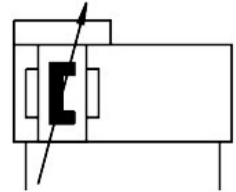


# Linear drive DLGF-G-25-200-PPSA

Part number: 5072352

FESTO



 General operating condition

## Data sheet

| Feature                                                      | Value                                                                                      |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Stroke                                                       | 200 mm                                                                                     |
| Piston diameter                                              | 25 mm                                                                                      |
| Cushioning                                                   | Self-adjusting pneumatic end-position cushioning                                           |
| Mounting position                                            | optional                                                                                   |
| Guide                                                        | Basic guide                                                                                |
| Coupling design                                              | Positive-locking (slot)                                                                    |
| Position detection                                           | Via proximity switch                                                                       |
| 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 to ISO 8573-1:2010 [7:-:-]                                                  |
| Note on operating and pilot medium                           | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                               | 1 - Low corrosion stress                                                                   |
| LABS (PWIS) conformity                                       | VDMA24364-B1/B2-L                                                                          |
| Ambient temperature                                          | 0 °C ... 60 °C                                                                             |
| Cushioning length                                            | 9 mm                                                                                       |
| Max. force F <sub>y</sub>                                    | 0 N                                                                                        |
| Max. force -F <sub>z</sub> (towards drive)                   | 164 N                                                                                      |
| Max. force +F <sub>z</sub> (away from drive)                 | 95 N                                                                                       |
| Max. moment M <sub>x</sub>                                   | 1.1 Nm                                                                                     |
| Max. moment M <sub>y</sub>                                   | 4.5 Nm                                                                                     |
| Max. moment M <sub>z</sub>                                   | 1.4 Nm                                                                                     |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 295 N                                                                                      |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 295 N                                                                                      |
| Moving mass                                                  | 110 g                                                                                      |
| Product weight                                               | 1660 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>Free of copper                                                           |
| Material cover                                               | Cast aluminium, coated                                                                     |

| Feature          | Value              |
|------------------|--------------------|
| Material seals   | NBR<br>TPE-U(PU)   |
| Material housing | Anodised aluminium |