

# Linear unit SLM-25- -KF-A

Part number: 32784

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                  | Value                                                                                             |
|------------------------------------------|---------------------------------------------------------------------------------------------------|
| Stroke                                   | 10 mm ... 1500 mm                                                                                 |
| Piston diameter                          | 25 mm                                                                                             |
| Cushioning                               | Elastic cushioning rings/pads at both ends<br>Pneumatic shock absorber, hard characteristic curve |
| Mounting position                        | Any                                                                                               |
| Guide                                    | Recirculating ball bearing guide                                                                  |
| Position sensing                         | For proximity sensor<br>For inductive proximity sensors                                           |
| Variants                                 | Standard design<br>Hollow guide rod<br>Hollow guide rod and reversing plate                       |
| Operating pressure                       | 0.7 MPa                                                                                           |
| Operating pressure                       | 7 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                                                                          |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                                                    |
| Ambient temperature                      | -20 °C ... 60 °C                                                                                  |
| Theoretical force at 6 bar, retracting   | 295 N                                                                                             |
| Theoretical force at 6 bar, advancing    | 295 N                                                                                             |
| Moving mass                              | 2150 g                                                                                            |
| Additional moving mass per 10 mm stroke  | 36 g                                                                                              |
| Basic weight with 0 mm stroke            | 3800 g                                                                                            |
| Additional weight per 10 mm stroke       | 36 g                                                                                              |
| Pneumatic connection                     | G1/8                                                                                              |
| Cover material                           | Aluminum                                                                                          |
| Seals material                           | PA<br>TPE-U(PU)                                                                                   |
| Housing material                         | Aluminum                                                                                          |