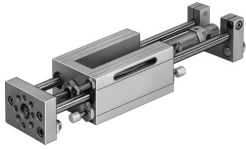


# Linear unit

## SLE-10- -KF-A

Part number: 150088

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 10 mm...100 mm                                                     |
| Piston diameter                          | 10 mm                                                              |
| Drive unit operating mode                | Yoke                                                               |
| Cushioning                               | Pneumatic shock absorber, hard characteristic curve                |
| Mounting position                        | Any                                                                |
| Guide                                    | Recirculating ball bearing                                         |
| Structural design                        | Guide                                                              |
| Position sensing                         | Via proximity switch<br>For inductive sensors                      |
| Operating pressure                       | 0.25 MPa...1 MPa<br>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)         | 0 - No corrosion stress                                            |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                     |
| Ambient temperature                      | -20 °C...80 °C                                                     |
| Theoretical force at 6 bar, retracting   | 40 N                                                               |
| Theoretical force at 6 bar, advancing    | 47 N                                                               |
| Moving mass at 0 mm stroke               | 160 g                                                              |
| Additional moving mass per 10 mm stroke  | 8 g                                                                |
| Basic weight with 0 mm stroke            | 560 g                                                              |
| Additional weight per 10 mm stroke       | 10 g                                                               |
| Pneumatic connection                     | M5                                                                 |
| Cover material                           | Aluminum                                                           |
| Seals material                           | PA                                                                 |
| Housing material                         | Aluminum                                                           |
| Piston rod material                      | high-alloy stainless steel                                         |