

Art.-Nr.: 10.01.46.00131

**Technical data**

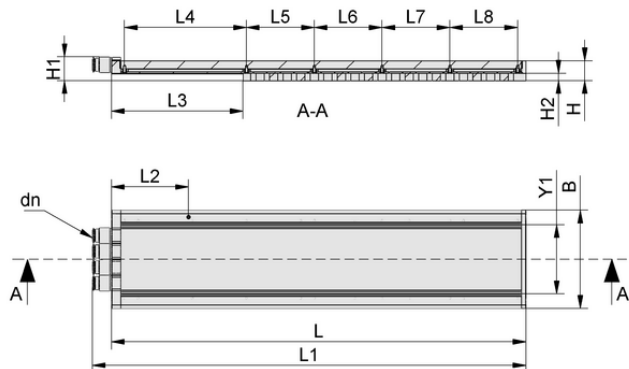
| Attribute                 | Value                             |
|---------------------------|-----------------------------------|
| Weight                    | 1.800 kg                          |
| Length L                  | 550.00 mm                         |
| Width B                   | 130.00 mm                         |
| Height H                  | 26.50 mm                          |
| Nominal diameter dn       | 12.00 mm                          |
| Length L4                 | 162.00 mm                         |
| Length L5                 | 90.00 mm                          |
| Shape                     | 1x passive zone / 4x suction zone |
| Arrangement suction cells | 3 rows, 18 mm                     |

FEL SW70 550 3R18 O10 G12 PZ4

The area gripping systems FEL are available as a ready-to-connect product. Customized grippers are available on request.

Available spare parts: sealing foam

Available accessories: vacuum hose, vacuum/pressure switches, spring plungers, ball joints, flange modules, external vacuum generators, vacuum filters, valves, magnetic valves, vacuum gauges

**Design data**

| Attribute           | Value     |
|---------------------|-----------|
| Length L1           | 575.70 mm |
| Length L2           | 112.00 mm |
| Length L            | 550.00 mm |
| Width B             | 130.00 mm |
| Height H1           | 31.30 mm  |
| Height H2           | 10.00 mm  |
| Height H            | 26.50 mm  |
| Nominal diameter dn | 12.00 mm  |
| Length L3           | 174.50 mm |
| Length L4           | 162.00 mm |

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**Technical data**

| Attribute                                   | Value                             |
|---------------------------------------------|-----------------------------------|
| Nozzle diameter                             | 0.7 mm                            |
| Weight                                      | 1.800 kg                          |
| Required suction capacity for pu = -0.3 bar | 208.0 l/min                       |
| Number of suction cells                     | 52                                |
| Shape                                       | 1x passive zone / 4x suction zone |
| Arrangement suction cells                   | 3 rows, 18 mm                     |
| Suction force at -300 mbar                  | 280.00 N                          |

**Further documentation**CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.46.00131](http://www.schmalz.com/10.01.46.00131)**Ordering Data Accessories 10.01.46.00131**

| Typ                             |                            | Item number    |
|---------------------------------|----------------------------|----------------|
| Flange module                   | MOD-FLAN 130x90 FEL        | 10.01.46.00136 |
| Solenoid valve                  | EMVP 10 230V-AC 3/2 NO/NC  | 10.05.02.00143 |
| Compact ejector                 | SMPI 25 NO RD M12-5        | 10.02.02.03363 |
| Connection cable                | ASK B-M12-5 5000 K-5P      | 21.04.05.00080 |
| Compressed-air connection plate | GP 2 SMP 15..30/SCP 20..30 | 10.02.02.00917 |
| Compressed-air connection plate | GP 3 SMP 15..25/SCP 20..25 | 10.02.02.00918 |
| Compressed-air connection plate | GP 4 SMP 15..20/SCP 20     | 10.02.02.00919 |
| Sliding block                   | NUT-STEI 11.5x8 M4-IG      | 25.09.06.00153 |
| Sliding block                   | NUT-STEI 17x10.6 M6-IG     | 25.09.06.00048 |

**Ordering Data Spare Parts 10.01.46.00131**

| Typ                          |                                      | Item number    |
|------------------------------|--------------------------------------|----------------|
| Sealing plate (FEL)          | DI-PL 88.5x10 ZEL                    | 10.01.46.00071 |
| Sleeve                       | HUEL 5.4-3.4x4-FEL                   | 10.01.46.00073 |
| Sealing cord                 | DI-SCHN 2.5 NBR-70                   | 10.07.04.00166 |
| Sealing plate                | DI-PL 84.9x9.3 ZEL PU KE FEL         | 10.01.46.00043 |
| Self-cutting lens head screw | SCHR WN1552 5x20 ST VZ T25           | 20.10.03.00008 |
| Sealing plate (FEL)          | DI-PL 375.5x128 3R18 LL-20x7 O10 PZ4 | 10.01.46.00132 |
| Sealing plate (FEL)          | DI-PL 174.5x128 P09                  | 10.01.46.00100 |

