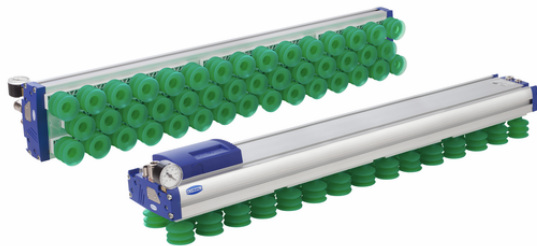


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**Technical data**

| Attribute                        | Value                              |
|----------------------------------|------------------------------------|
| Nozzle diameter                  | 1.4 mm                             |
| Construction vacuum switch       | PNP switching                      |
| Weight                           | 4.100 kg                           |
| Voltage DC                       | 24 V - DC                          |
| Air consumption [l/min]          | 375.0 l/min                        |
| Design vacuum generator          | Multi-stage ejector SEMP           |
| Number of suction cells          | 33                                 |
| Additional function area gripper | 1x control valve vacuum / blow-off |
| Length L                         | 640.00 mm                          |
| Width B                          | 130.00 mm                          |

FXP-S-SW140 640 3R54 SPB2-40-P

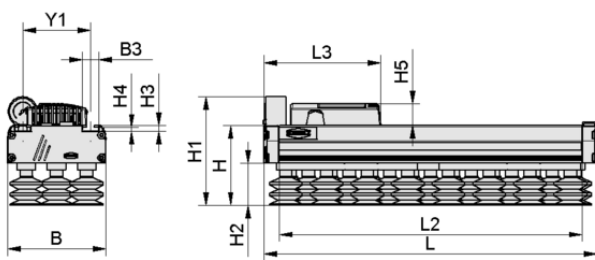
- Integrated control valves at FXP-S (optional)
- Control of vacuum on/off (24V DC, normally open) and blow off on/off (24V DC, normally closed) on version FXP-S
- Integrated in the end cover
- Electrical connection: M12 plug (4-pole)

Available spare parts: sealing foam (DI-PL), suction cup (SPB2)

**Design data**

| Attribute | Value     |
|-----------|-----------|
| Length L2 | 600.00 mm |
| Length L  | 640.00 mm |
| Width B   | 130.00 mm |
| Height H1 | 144.00 mm |
| Height H2 | 55.00 mm  |
| Height H  | 105.00 mm |
| Length L3 | 154.00 mm |
| Width B3  | 21.60 mm  |
| Height H3 | 7.70 mm   |
| Height H4 | 5.50 mm   |

Permissible dimensional tolerances for elastomer parts according to DIN ISO 3302-1 M3 Note: Two ejectors and silencer box covers are used for the 1,234 mm and 1,432 mm lengths. Type FXP requires compressed air hose 12/9 mm.



Design data FXP-S-SW140 640 3R54 SPB2-40-P



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**Technical data**

| Attribute                                            | Value                              |
|------------------------------------------------------|------------------------------------|
| Weight                                               | 4.100 kg                           |
| Air consumption [l/min]                              | 375.0 l/min                        |
| Number of suction cells                              | 33                                 |
| Additional function area gripper                     | 1x control valve vacuum / blow-off |
| Suction rate (max.)                                  | 1,350.0 l/min                      |
| Product family                                       | FXP                                |
| Arrangement                                          | 3R54                               |
| Voltage                                              | 24V - DC                           |
| Sealing element                                      | Suction Cups                       |
| Suction force at -250 mbar                           | 290.00 N                           |
| Sound level: 74 dB(A) Max. degree of evacuation 55 % |                                    |

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.38.00949](http://www.schmalz.com/10.01.38.00949)

**Discontinued item**

The product family will be discontinued and is available until **31.12.2027**  
Starting from this time, the article can no longer be ordered.  
alternative article



Art.-Nr.: 10.01.38.00949

**Ordering Data Accessories 10.01.38.00949**

| Typ                      |                                   | Item number    |
|--------------------------|-----------------------------------|----------------|
| Flange plate             | FLAN-PL 120x85x10 ST FLGR         | 10.01.10.05701 |
| Flexolink                | FLK G1/2-IG G1/2-AG               | 10.01.03.00175 |
| Suspension, flexible     | FST-FLEX 25 HD1 G1/2-AG G3/8-IG   | 10.01.10.05697 |
| Suspension, flexible     | FST-FLEX 25 HD2 G1/2-AG G3/8-IG   | 10.01.10.05695 |
| Suspension, flexible     | FST-FLEX 50 HD1 G1/2-AG G3/8-IG   | 10.01.10.05687 |
| Suspension, flexible     | FST-FLEX 50 HD2 G1/2-AG G3/8-IG   | 10.01.10.05168 |
| Suspension, flexible     | FST-FLEX 75 HD1 G1/2-AG G3/8-IG   | 10.01.10.05698 |
| Suspension, flexible     | FST-FLEX 75 HD2 G1/2-AG G3/8-IG   | 10.01.10.05696 |
| Suspension, rigid        | FST-STARR 25 HD1 G1/2-AG G3/8-IG  | 10.01.10.05810 |
| Suspension, rigid        | FST-STARR 25 HD2 G1/2-AG G3/8-IG  | 10.01.10.05806 |
| Suspension, rigid        | FST-STARR 50 HD1 G1/2-AG G3/8-IG  | 10.01.10.05809 |
| Suspension, rigid        | FST-STARR 50 HD2 G1/2-AG G3/8-IG  | 10.01.10.05805 |
| Suspension, rigid        | FST-STARR 75 HD1 G1/2-AG G3/8-IG  | 10.01.10.05808 |
| Suspension, rigid        | FST-STARR 75 HD2 G1/2-AG G3/8-IG  | 10.01.10.05803 |
| Flange module            | MOD-FLAN 120x120 FXP-FMP          | 10.01.21.00244 |
| Flange module            | MOD-FLAN 176.6x118 FXP            | 10.01.38.01722 |
| Vacuum switch (inst)     | VS-MONT 84x21x34.5 VSi-V FXP      | 10.01.38.02691 |
| Mounting set reed switch | SET fuer-Sensor(FXP/FMP)          | 10.01.38.01194 |
| Mounting set             | SET FXC-FMC                       | 10.01.21.01291 |
| Mounting set             | SET FXP-FMP                       | 10.01.21.02407 |
| Mounting set             | SET FXP-FMP 4NUTSTEIN G20         | 10.01.21.00243 |
| Vacuum gauge             | VAM 40 V U BAR                    | 10.07.02.00046 |
| Vacuum hose (meter)      | VSL 12-9 PU MI-TR                 | 10.07.09.00037 |
| Sliding block            | NUT-STEI 20x20 M8-IG 10           | 25.09.06.00012 |
| Sliding block            | NUT-STEI 20x20 M6-IG 10           | 25.09.06.00036 |
| Cover (complex)          | ABDK-PROF-10x7x1450-KU-SW-FXP-FMP | 26.07.03.00002 |
| Connection cable         | ASK B-M12-5 5000 K-5P             | 21.04.05.00080 |
| Flange plate             | FLAN-PL 120x120x10 FXC-FMC        | 10.01.21.00313 |
| Flexolink                | FLK G1/2-IG G1/2-AG V             | 10.01.03.00207 |
| Vacuum switch (inst)     | VS-MONT 76.5x19 VSi FXP-FMP       | 10.01.38.02485 |

**Ordering Data Spare Parts 10.01.38.00949**

| Typ                          |                                 | Item number    |
|------------------------------|---------------------------------|----------------|
| Set of spare parts           | ERS FXP-S-SEMP-75 DECKEL        | 10.01.38.02191 |
| Masking foil (glued)         | MASK-FOL SW140 600 3R54 FXP-FMP | 10.01.38.00539 |
| Silencer (cube-shaped-inst.) | SD 120x79x29 FXP                | 10.01.38.01607 |



Area Gripper

## FXP-S-SW140 640 3R54 SPB2-40-P



Art.-Nr.: 10.01.38.00949



Ordering Data Wear Parts 10.01.38.00949

| Typ                         |                 | Item number    |
|-----------------------------|-----------------|----------------|
| Bellows suction cup (round) | SPB2 40 SI-55 P | 10.01.06.03126 |



[WWW.SCHMALZ.COM/10.01.38.00949](http://WWW.SCHMALZ.COM/10.01.38.00949)