

## Area Gripper

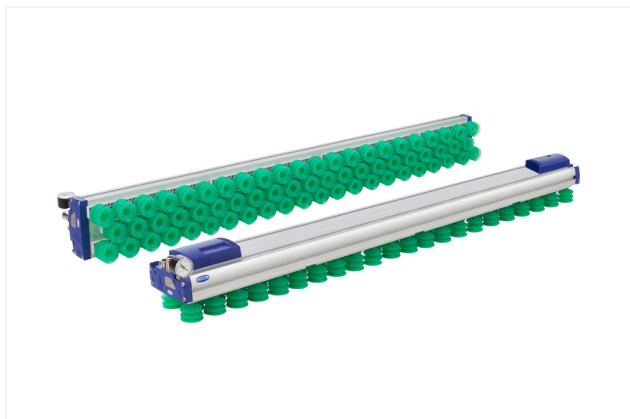
FXP-S-SVK 1432 3R54 SPB2-40-P F

Part no.:10.01.38.00947

<https://www.schmalz.com/10.01.38.00947>

Home > Vakuum tehnologija za automatizaciju > Vacuum Components > Area Gripping Systems and End Effectors > Vacuum Area Gripping System  
FXP/FMP > Area Gripping Systems FXP > FXP-S-SVK 1432 3R54 SPB2-40-P F

### Vacuum area gripping system with integrated pneumatic vacuum ball check valves



Length L: 1.432 mm

Width B: 130 mm

Arrangement: 3R54

Add. function: Filter

Number of suction cells: 77

Add. function: 2x control valve vacuum/blow-off

Design: Multi-stage ejector SEMP

Construction shape vacuum switch: PNP switching

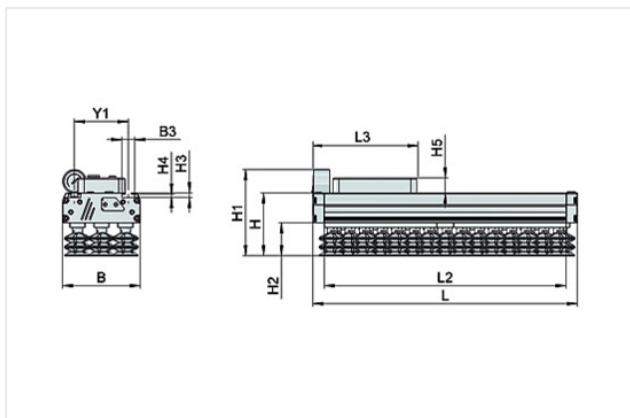
Voltage DC: 24V - DC

Air consumption: 1.000 l/min

Weight: 8,6 kg

Product family: FXP

### Design Data



| Attribute  | Value    |
|------------|----------|
| B          | 130 mm   |
| B3         | 21,60 mm |
| H          | 105 mm   |
| H1         | 144 mm   |
| H2         | 55 mm    |
| H3         | 7,70 mm  |
| H4         | 5,50 mm  |
| H5         | 28 mm    |
| L          | 1432 mm  |
| L2         | 1392 mm  |
| L3         | 154 mm   |
| Y1         | 90 mm    |
| Valve type | SVK      |

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

### Technical Data

| Attribute   | Value |
|-------------|-------|
| Arrangement | 3R54  |

### Contact Schmalz

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info@schmalz.si

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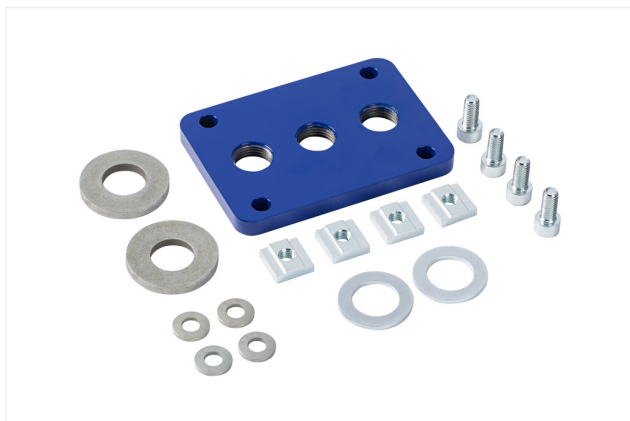
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|                            |                                  |
|----------------------------|----------------------------------|
| Number of suction cells    | 77                               |
| Suction force at -250 mbar | 840 N                            |
| Suction rate (max.)        | 3180 l/min                       |
| Air consumption            | 1000 l/min                       |
| Sealing element            | Suction Cups                     |
| Add. function              | Filter                           |
| Add. function              | Filter                           |
| Add. function              | 2x control valve vacuum/blow-off |
| Weight                     | 8,60 kg                          |
| Product family             | FXP                              |

Sound level: 74 dB(A) Max. degree of evacuation 55%

### Accessories



#### FLAN-PL 120x85x10 ST FLGR

Part no...:10.01.10.05701

Length L: 120 mm

Width B: 85 mm

Height H: 10 mm

Material: Steel

Construction use: Vacuum area gripping system



#### FLK G1/2-IG G1/2-AG

Part no...:10.01.03.00175

Thread G1: G1/2"-F

Thread G2: G1/2"-M

Operating temperature: 0 ... 70 °C

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### FST-FLEX 25 HD1 G1/2-AG G3/8-IG

Part no...:10.01.10.05697

Spring stroke Z: 25 mm

Shape mounting elements: Heavy Duty 1 spring plunger

Construction use: Mounting section



### FST-FLEX 25 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.05695

Spring stroke Z: 25 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section



### FST-FLEX 50 HD1 G1/2-AG G3/8-IG

Part no...:10.01.10.05687

Spring stroke Z: 50 mm

Shape mounting elements: Heavy Duty 1 spring plunger

Construction use: Mounting section

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### FST-FLEX 50 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.05168

Spring stroke Z: 50 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section



### FST-FLEX 75 HD1 G1/2-AG G3/8-IG

Part no...:10.01.10.05698

Spring stroke Z: 75 mm

Shape mounting elements: Heavy Duty 1 spring plunger

Construction use: Mounting section



### FST-FLEX 75 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.05696

Spring stroke Z: 75 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section

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### FST-STARR 25 HD1 G1/2-AG G3/8-IG

Part no...:10.01.10.05810

Spring stroke Z: 25 mm

Shape mounting elements: Heavy Duty 1 spring plunger

Construction use: Mounting section



### FST-STARR 25 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.05806

Spring stroke Z: 25 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section



### FST-STARR 50 HD1 G1/2-AG G3/8-IG

Part no...:10.01.10.05809

Spring stroke Z: 50 mm

Shape mounting elements: Heavy Duty 1 spring plunger

Construction use: Mounting section

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### FST-STARR 50 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.05805

Spring stroke Z: 50 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section



### FST-STARR 75 HD1 G1/2-AG G3/8-IG

Part no...:10.01.10.05808

Spring stroke Z: 75 mm

Shape mounting elements: Heavy Duty 1 spring plunger

Construction use: Mounting section



### FST-STARR 75 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.05803

Spring stroke Z: 75 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section

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### MOD-FLAN 120x120 FXP-FMP

Part no...:10.01.21.00244

Length L: 120 mm

Width B: 120 mm

Height H: 60 mm

Weight: 1,1 kg

Measuring range: bar

Construction use: Vacuum area gripping system FXP-FMP



### MOD-FLAN 176.6x118 FXP

Part no...:10.01.38.01722

Length L: 176,6 mm

Width B: 118 mm

Height H: 40 mm

Construction use: Vacuum area gripping system FXP



### VS-MONT 84x21x34.5 VSi-V FXP

Part no...:10.01.38.02691

Length L: 84 mm

Width B: 21 mm

Height H: 34,5 mm

Construction use: Vacuum area gripping system FXP

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### SET fuer-Sensor(FXP/FMP)

Part no...:10.01.38.01194



### SET FXC-FMC

Part no...:10.01.21.01291

Length L: 119 mm

Width B: 119 mm

Height H: 9,6 mm

Measuring range: bar

Construction use: Vacuum area gripping system FXC-FMC



### SET FXP-FMP

Part no...:10.01.21.02407

Length L: 232 mm

Width B: 119 mm

Height H: 119 mm

Measuring range: bar

Construction use: Vacuum area gripping system FXP-FMP



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FXP-S-SVK 1432 3R54 SPB2-40-P F

Part no...:10.01.38.00947

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### SET FXP-FMP 4NUTSTEIN

Part no...:10.01.21.00243

contains: 4 slot nuts

Measuring range: bar

Construction use: Vacuum area gripping system FXP-FMP



### VAM 40 V U BAR

Part no...:10.07.02.00046

External diameter D: 40 mm

Measuring range: -1,00 ... 0,00 bar



### VSL 12-9 PU MI-TR

Part no...:10.07.09.00037

External diameter D: 12 mm

Internal diameter d: 9 mm

Length max.: 50 m

Material hose: PU

Bending radius min.: 70 mm

Pressure range (operating pressure): -0.95 ... 10.00 bar

Operating temperature: -20 ... 90 °C

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### NUT-STEI 20x20 M8-IG 10

Part no...:25.09.06.00012

Width B: 20 mm

Height H: 4,9 mm

Material: Steel

Length L: 20 mm

Thread G1: M8-F

Shape mounting elements: With step

Surface: galvanised

Weight: 15,9 g



### NUT-STEI 20x20 M6-IG 10

Part no...:25.09.06.00036

Width B: 20 mm

Height H: 5 mm

Material: Steel

Length L: 20 mm

Thread G1: M6-F

Shape mounting elements: With step

Surface: galvanised



### ABDK-PROF-10x7x1450-KU-SW-FXP-FMP

Part no...:26.07.03.00002

Length L: 1.450 mm

Width B: 10 mm

Height H: 7 mm

Material: Plastics

Measuring range: bar

Construction use: Vacuum area gripping system FXP-FMP

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Part no...:10.01.38.00947

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### ASK B-M12-5 5000 K-5P

Part no...:21.04.05.00080

Electrical connection: Fem connect M12, 5 pol

Cable length: 5.000 mm

Material hose: PUR cable



### FLAN-PL 120x120x10 FXC-FMC

Part no...:10.01.21.00313

Length L: 120 mm

Width B: 120 mm

Height H: 10 mm

Measuring range: bar

Construction use: Vacuum area gripping system FXC-FMC



### FLK G1/2-IG G1/2-AG V

Part no...:10.01.03.00207

Thread G1: G1/2"-F

Thread G2: G1/2"-M

Operating temperature: 0 ... 70 °C

Shape mounting elements: Reinforced

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### VS-MONT 76.5x19 VSi FXP-FMP

Part no...:10.01.38.02485

Length L: 76,5 mm

Width B: 19 mm

Add. function: Vacuum and pressure switch VSi

Measuring range: bar

Add. function: Vacuum and pressure switch

Construction use: Vacuum area gripping system FXP-FMP

## Spare parts



### ERS FXP-S-SEMP-100 DECKEL

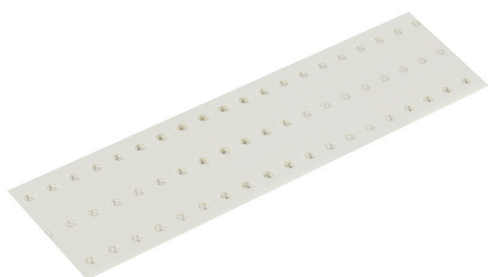
Part no...:10.01.38.02192

Measuring range: bar

Size: SEMP-100

contains: Cover

Construction use: Vacuum area gripping system FXP-S



### MASK-FOL SVK 1392 3R54 FXP-FMP

Part no...:10.01.38.00500

Length L: 1.392 mm

Width B: 109,8 mm

Height H: 0,4 mm

Measuring range: bar

Construction use: Vacuum area gripping system FXP-FMP

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### SD 120x79x29 FXP

Part no...:10.01.38.01607

Length L: 120 mm

Width B: 79 mm

Height H: 29 mm

Construction use: Vacuum area gripping system FXP



### SPB2 40 SI-55 P F

Part no...:10.01.38.00452

Add. function: Filter