Vacuum Area Gripper

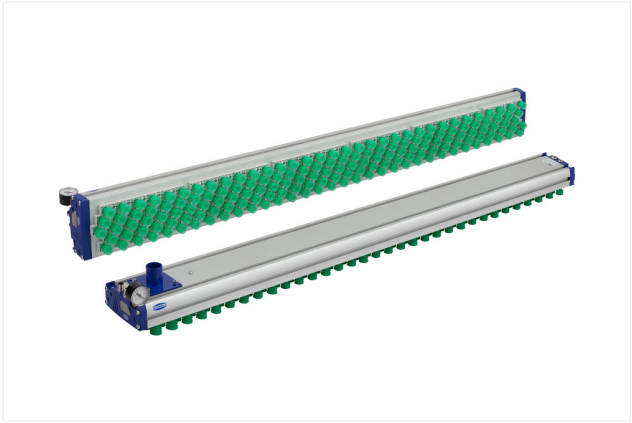
FMP-S-SVK 1432 5R36 SPB2-20-P G60

Part no..:10.01.38.03496

https://www.schmalz.com/10.01.38.03496

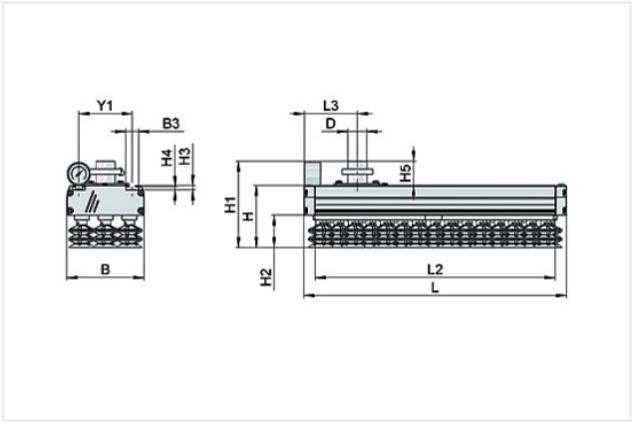
Home > Vacuum Technology for Automation > Vacuum Components > Area Gripping Systems and End Effectors > Vacuum Area Gripping System FXP/FMP > Area Gripping Systems FMP > FMP-S-SVK 1432 5R36 SPB2-20-P G60

Vacuum area gripping system for external vacuum generator, with ball check valves



- Length L: 1,432 mm
- Width B: 130 mm
- Arrangement: 5R36
- construction shape fittings: Straight
- External diameter D: 60 mm
- Add. function: 1x control valve vacuum/blow-off
- Max. air consumption blow off: 800 l/min
- Weight: 8.1 kg
- Product family: FMP

Design Data



Attribute	Value
B	130 mm
B3	21.60 mm
D	60 mm
H	82.70 mm
H1	128.20 mm
H2	33 mm
H3	7.70 mm
H4	5.50 mm
H5	46 mm
L	1432 mm
L2	1392 mm
L3	77 mm
Y1	90 mm
Valve type	SVK

Note: Vacuum hose with internal diameter equal to dimension D required. See Technical Data -> Shape

Technical Data

Attribute	Value
Arrangement	5R36
Number of suction cells	193
Suction force at -250 mbar	630 N

Vacuum Area Gripper

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Add. function	1x control valve vacuum/blow-off
Weight	8.10 kg
Sealing element	Suction Cups
Evacuation rate for pu = -0,25 bar	1050 l/min
Product family	FMP

For compressed air with 5.5 bar input pressure At -0.25 bar and with the gripper fully covered by a workpiece typical for the application (wooden board with structured surface) The external vacuum generator used must supply at least the specified suction flow (at the vacuum connection piece of the FMP) at -0.25 bar but max. 135 % of the specified suction flow

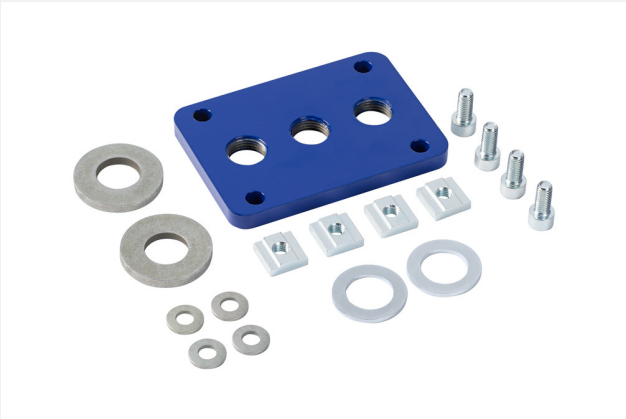
Accessories



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



FLAN-PL 120x85x10 ST FLGR

Part no..:10.01.10.05701

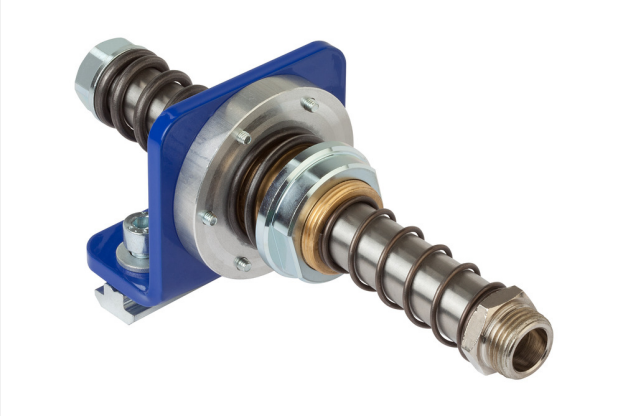
Length L: 120 mm
Width B: 85 mm
Height H: 10 mm
Material: Steel
Construction use: Vacuum area gripping system



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



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



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



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

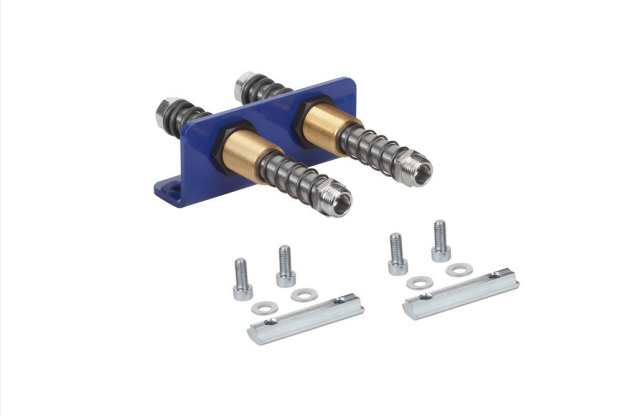
Spring stroke Z: 25 mm
Shape mounting elements: Heavy Duty 2 spring plunger
Construction use: Mounting section



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



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

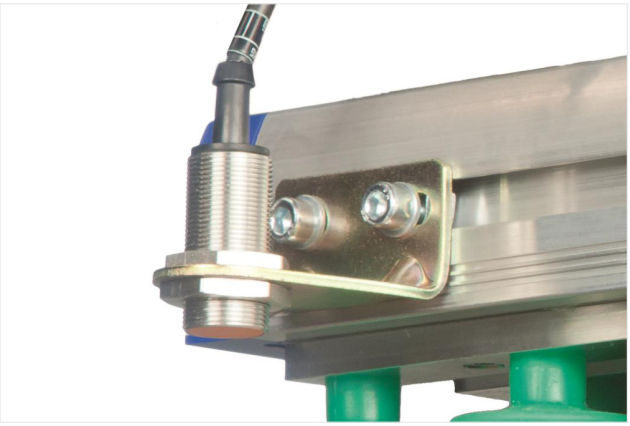
Spring stroke Z: 75 mm
Shape mounting elements: Heavy Duty 2 spring plunger
Construction use: Mounting section



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



SET fuer-Sensor(FXP/FMP)

Part no..:10.01.38.01194

Vacuum Area Gripper

FMP-S-SVK 1432 5R36 SPB2-20-P G60

Part no..:10.01.38.03496

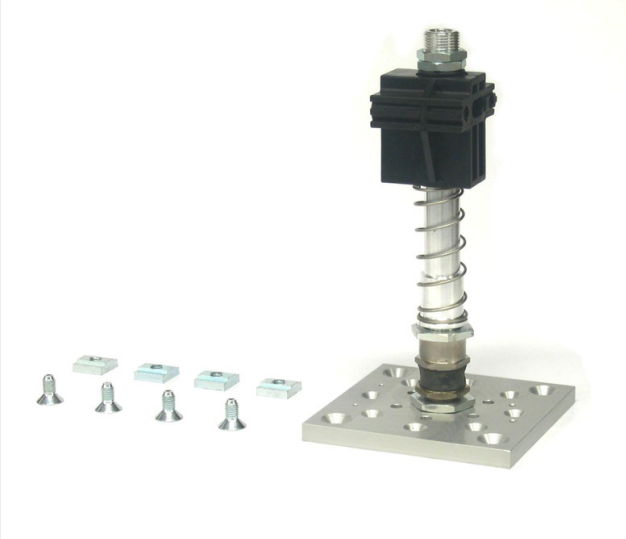
https://www.schmalz.com/10.01.38.03496



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



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



STF 60 P 4.5 SSD

Part no..:10.07.01.00259

Connection: Ø60mm
Shape: Piclon housing
Nominal flow rate: 270 m³/h
Filter pore size: 3 µm
Additional function: Hose clamps SSD



VAM 40 V U BAR

Part no..:10.07.02.00046

External diameter D: 40 mm
Measuring range: -1,00 ... 0,00 bar



VENT-EINH 8/6 NC 24V-DC

Part no..:10.01.21.02405

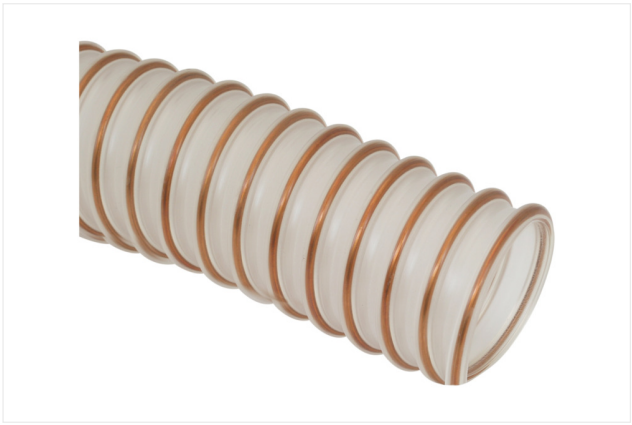
Construction use: Vacuum area gripping system FXP-FMP
Connection: Hose 8/6
Control valve: Normally closed

Vacuum Area Gripper

FMP-S-SVK 1432 5R36 SPB2-20-P G60

Part no..:10.01.38.03496

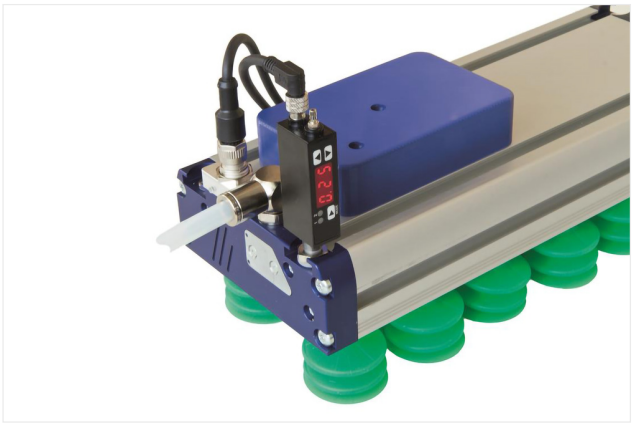
https://www.schmalz.com/10.01.38.03496



VSL 71-60 PU-DS-AS TR

Part no..:10.07.09.00034

External diameter D: 71 mm
Internal diameter d: 60 mm
Length max.: 20 m
Material hose: PU, wire spiral, antistatic
Bending radius min.: 40 mm
Pressure range (operating pressure): -0.69 ... 2.09 bar
Operating temperature: -40 ... 90 °C



VS-MONT 50x15.8x25 VS

Part no..:10.06.02.00343

Length L: 50 mm
Width B: 15.8 mm
Height H: 25 mm
Measuring range: bar
Construction use: Vacuum switch



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

Vacuum Area Gripper

FMP-S-SVK 1432 5R36 SPB2-20-P G60

Part no..:10.01.38.03496

https://www.schmalz.com/10.01.38.03496



VTR-SL 3x RST60

Part no..:10.01.10.02779

Length L: 439 mm
Width B: 100 mm
Height H: 156 mm
Connection: Tube end Ø60



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

VSL 8-6 PU MI-TR

Part no..:10.07.09.00003

External diameter D: 8 mm
Internal diameter d: 6 mm
Length max.: 500 m
Material hose: PU
Bending radius min.: 45 mm
Pressure range (operating pressure): -0.95 ... 10.00 bar
Operating temperature: -35 ... 60 °C



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

Spare parts

VENT-BGR FMP-S-50

Part no..:10.01.38.03682

- Construction use: Vacuum area gripping system FMP-S
- contains: Way-valve pneumatic

Vacuum Area Gripper

FMP-S-SVK 1432 5R36 SPB2-20-P G60

Part no..:10.01.38.03496

https://www.schmalz.com/10.01.38.03496

MASK-FOL SVK 1392 5R36 FXP-FMP

Part no..:10.01.38.00529

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



SPB2 20 SI-40 P

Part no..:10.01.06.03125

Size: 20
Suction cup material: Silicone SI
Material hardness [Shore A]: 40 Shore A
Number of folds: 2.5
Shape: Push In