Area Gripper

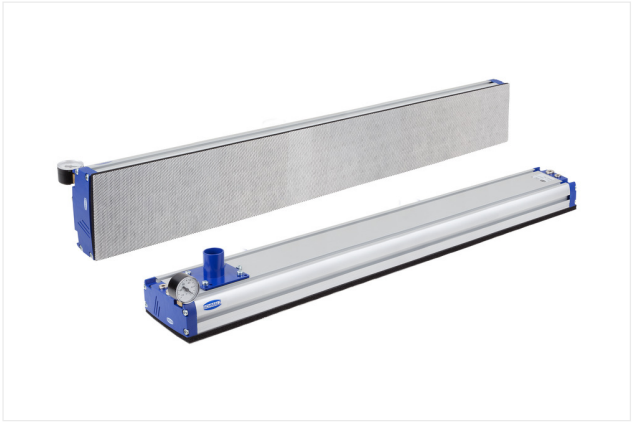
FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

https://www.schmalz.com/10.01.38.02970

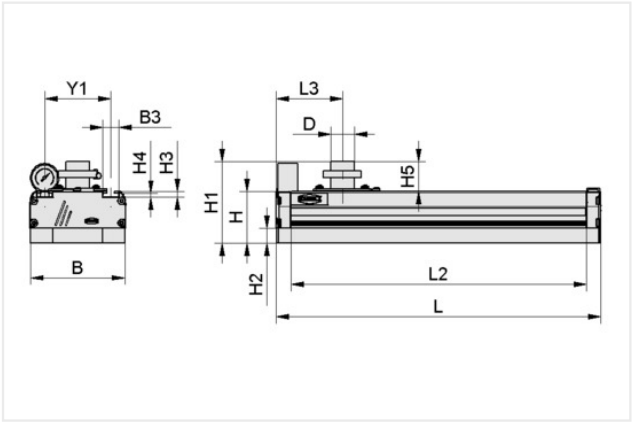
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Vacuum area gripping system for external vacuum generator, with flow resistors



- Length L: 1,234 mm
- Width B: 130 mm
- Arrangement: 5R18
- Material type: Foam N+SU, Height 10mm
- construction shape fittings: Straight
- External diameter D: 60 mm
- Weight: 5.4 kg
- Product family: FMP

Design Data



Attribute	Value
B	130 mm
B3	21.60 mm
D	60 mm
H	60 mm
H1	90 mm
H2	10 mm
H3	7.70 mm
H4	5.50 mm
H5	41 mm
L	1234 mm
L2	1194 mm
L3	90 mm
Y1	90 mm
Valve type	SW

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

Technical Data

Attribute	Value
Arrangement	5R18
Material type	Foam N+SU, Height 10mm
Number of suction cells	330

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

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Suction force at -250 mbar	1010 N
Weight	5.40 kg
Sealing element	Sealing Foam
Evacuation rate for pu = -0,25 bar	900 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



EMVP 50 24V-DC 3/2 NO

Part no..:10.05.02.00069

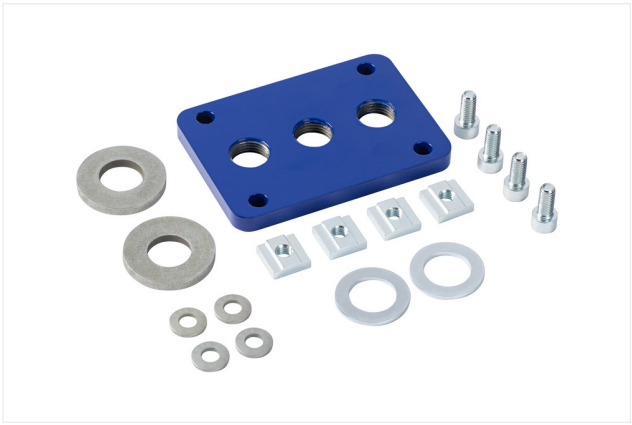
Nominal size: 50 mm
Voltage DC: 24V - DC
Function: 3/2-way valve
Control valve: Normally open
Connecting thread: G2"-F
Pressure range (operating pressure): bar
Nominal flow rate: 310 m^3/h
Weight: 1.36 kg

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

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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

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

https://www.schmalz.com/10.01.38.02970



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

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

https://www.schmalz.com/10.01.38.02970



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

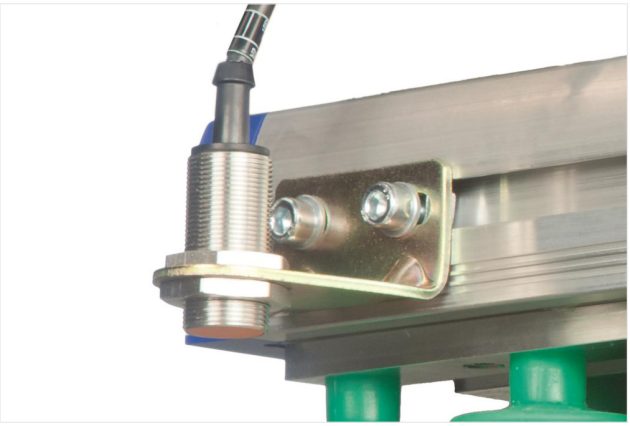
Length L: 120 mm
Width B: 120 mm
Height H: 60 mm
Weight: 1.1 kg
Measuring range: bar
Construction use: Vacuum area gripping system FXP-FMP

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

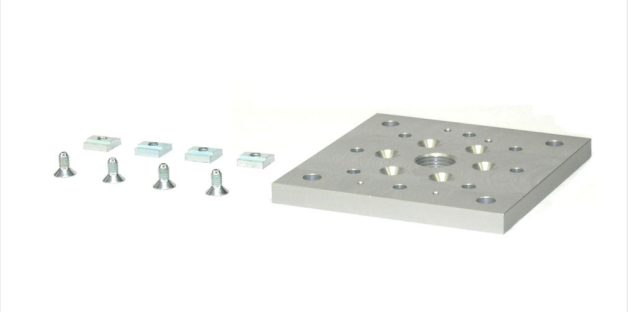
Part no..:10.01.38.02970

https://www.schmalz.com/10.01.38.02970



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

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

https://www.schmalz.com/10.01.38.02970



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

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

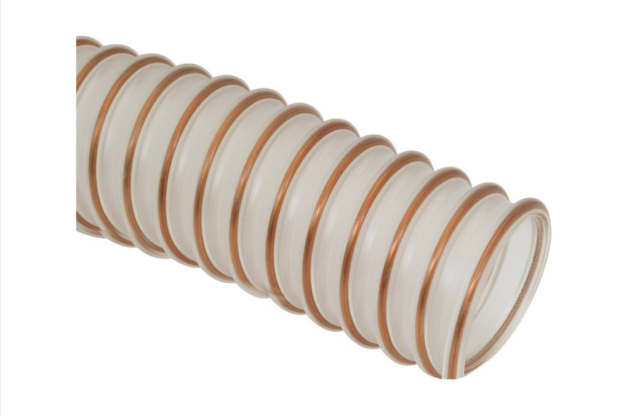
https://www.schmalz.com/10.01.38.02970



VENT-EINH 8/6 NC 24V-DC

Part no..:10.01.21.02405

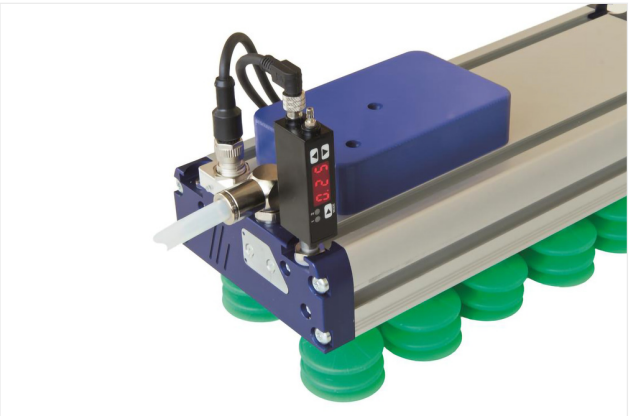
Construction use: Vacuum area gripping system FXP-FMP
Connection: Hose 8/6
Control valve: Normally closed



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

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

https://www.schmalz.com/10.01.38.02970



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



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



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

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

https://www.schmalz.com/10.01.38.02970



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

MASK-FOL SW60 1194 5R18 FXP-FMP

Part no..:10.01.38.00640

Length L: 1,194 mm
Width B: 109.8 mm
Height H: 0.4 mm
Measuring range: bar
Nozzle diameter: 0.6 mm
Construction use: Vacuum area gripping system FXP-FMP

SU-FLGR 1234x131 SU FXP-FMP

Part no..:10.01.38.02861

Length L: 1,234 mm
Width B: 131 mm
Material type: protective layer
Construction use: Vacuum area gripping system FXP-FMP

Area Gripper

FMP-SW60 1234 5R18 N10SU G60

Part no..:10.01.38.02970

https://www.schmalz.com/10.01.38.02970



DI-PL 1234x131 5R18 ZYL-D6 N10SU

Part no..:10.01.38.02866

Length L: 1,234 mm
Width B: 131 mm
Arrangement: 5R18
Material type: Foam N+SU, Height 10mm