Area Gripper

FMP-SW70 442 3R18 O20 G32

Part no..:10.01.38.00433

https://www.schmalz.com/10.01.38.00433

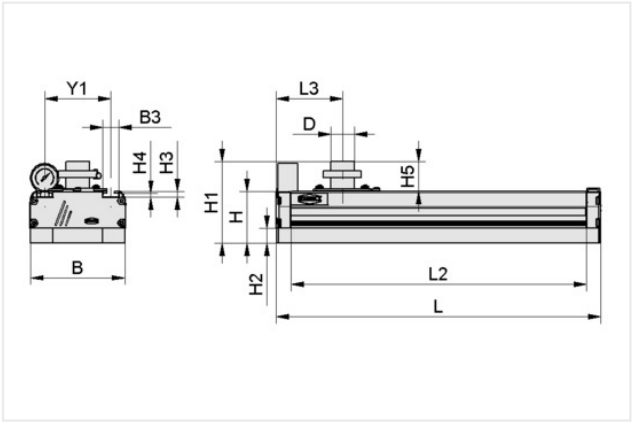
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Vacuum area gripping system for external vacuum generator, with flow resistors



- Length L: 442 mm
- Width B: 130 mm
- Arrangement: 3R18
- Material type: Foam O, Height 20 mm
- construction shape fittings: Straight
- External diameter D: 32 mm
- Weight: 2 kg
- Product family: FMP

Design Data



Attribute	Value
B	130 mm
B3	21.60 mm
D	32 mm
H	70 mm
H1	111 mm
H2	20 mm
H3	7.70 mm
H4	5.50 mm
H5	41 mm
L	442 mm
L2	402 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	3R18
Material type	Foam O, Height 20 mm
Number of suction cells	66

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Suction force at -250 mbar	440 N
Weight	2 kg
Sealing element	Sealing Foam
Evacuation rate for pu = -0,25 bar	300 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 25 24V-DC 3/2 NO/NC

Part no..:10.05.02.00151

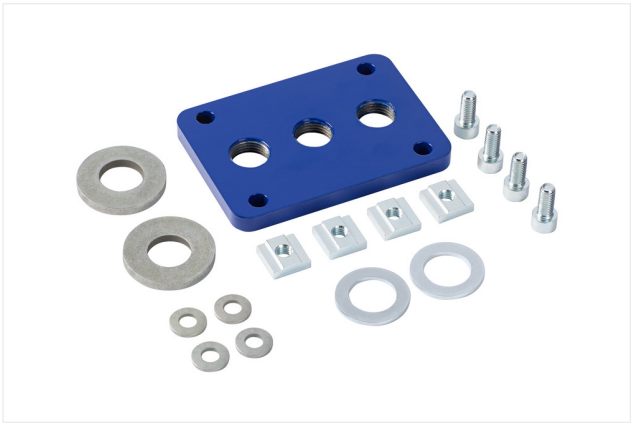
Nominal size: 25 mm
Voltage DC: 24V - DC
Function: 3/2-way valve
Control valve: Optional NO/NC
Connecting thread: G1"-F
Pressure range (operating pressure): bar
Nominal flow rate: 90 m^3/h
Weight: 0.52 kg

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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



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

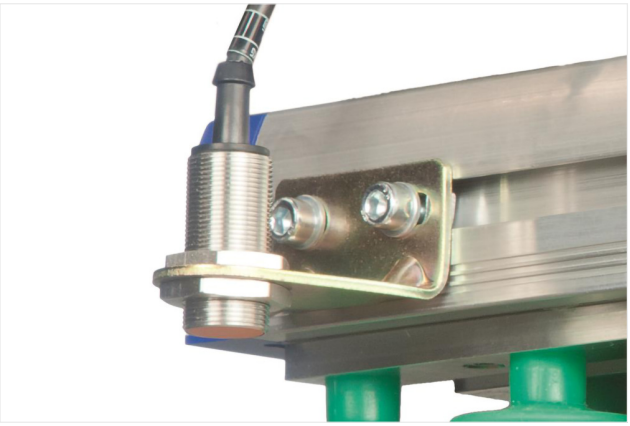
Length L: 120 mm
Width B: 120 mm
Height H: 60 mm
Weight: 1.1 kg
Measuring range: bar
Construction use: Vacuum area gripping system FXP-FMP

Area Gripper

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Part no..:10.01.38.00433

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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



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 G1-1/4-IG N

Part no..:10.07.01.00008

- Connection: G1-1/4"-F
- Shape: Steel housing
- Nominal flow rate: 96 m³/h
- Filter pore size: 3 µm



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

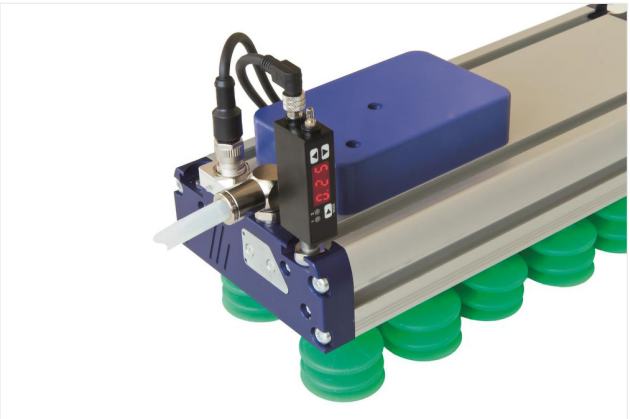
Construction use: Vacuum area gripping system FXP-FMP
Connection: Hose 8/6
Control valve: Normally closed



VSL 42-32 PU-DS-AS TR

Part no..:10.07.09.00036

External diameter D: 42 mm
Internal diameter d: 32 mm
Length max.: 20 m
Material hose: PU, wire spiral, antistatic
Bending radius min.: 25 mm
Pressure range (operating pressure): -1.00 ... 3.77 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-SW70 442 3R18 O20 G32

Part no..:10.01.38.00433

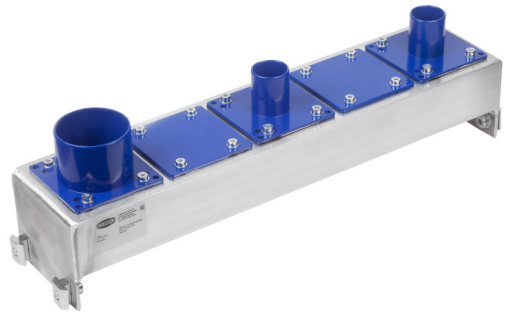
https://www.schmalz.com/10.01.38.00433



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 2xD32

Part no..:10.01.43.00013

Length L: 439 mm
Width B: 100 mm
Height H: 127.5 mm

Spare parts



SPB2 40 SI-55 P

Part no..:10.01.06.03126

Size: 40
Suction cup material: Silicone SI
Material hardness [Shore A]: 55 Shore A
Number of folds: 2.5
Shape: Push In

Area Gripper

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Part no..:10.01.38.00433

https://www.schmalz.com/10.01.38.00433



DI-PL 442x128 3R18 LL-20x7 O20 KE

Part no..:10.01.38.00113

Length L: 442 mm
Width B: 128 mm
Arrangement: 3R18
Material type: Foam O, Height 20 mm
Add. function: Adhesive tape on one side