Area Gripper

FMP-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

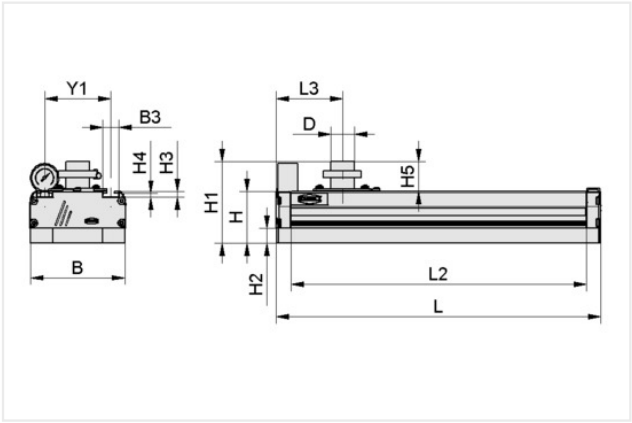
https://www.schmalz.com/10.01.38.00653

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



- Length L: 838 mm
- Width B: 130 mm
- Arrangement: 5R18
- Material type: Foam O, Height 2x10 mm
- Add. function: Filter
- construction shape fittings: Straight
- External diameter D: 60 mm
- Weight: 3.7 kg
- Product family: FMP

Design Data



Attribute	Value
B	130 mm
B3	21.60 mm
D	60 mm
H	70 mm
H1	111 mm
H2	20 mm
H3	7.70 mm
H4	5.50 mm
H5	46 mm
L	838 mm
L2	798 mm
L3	90 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	5R18
Material type	Foam O, Height 2x10 mm
Number of suction cells	220

Area Gripper

FMP-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

https://www.schmalz.com/10.01.38.00653

Suction force at -250 mbar	840 N
Add. function	Filter
Add. function	Filter
Weight	3.70 kg
Sealing element	Sealing Foam
Evacuation rate for pu = -0,25 bar	600 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

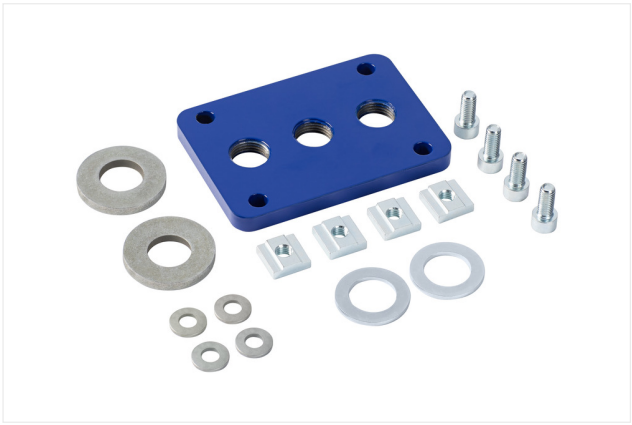
Nominal size: 50 mm
Voltage DC: 24V - DC
Function: 3/2-way valve
Control valve: Normally open
Connecting thread: G2"-F
Pressure range (operating pressure): bar
Nominal flow rate: 310 m^3/h
Weight: 1.36 kg

Area Gripper

FMP-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

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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

Area Gripper

FMP-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

https://www.schmalz.com/10.01.38.00653



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-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

https://www.schmalz.com/10.01.38.00653



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

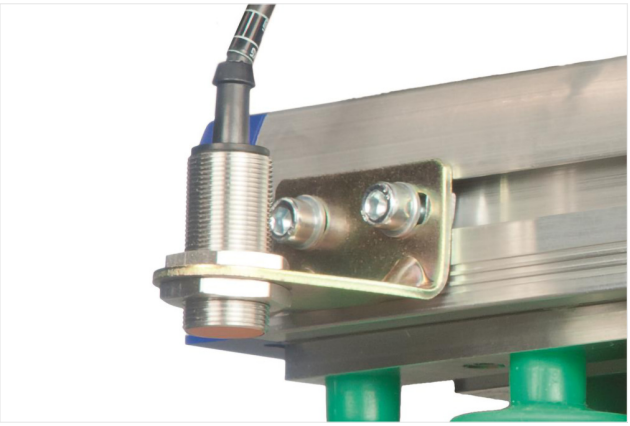
Length L: 120 mm
Width B: 120 mm
Height H: 60 mm
Weight: 1.1 kg
Measuring range: bar
Construction use: Vacuum area gripping system FXP-FMP

Area Gripper

FMP-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

https://www.schmalz.com/10.01.38.00653



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-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

https://www.schmalz.com/10.01.38.00653



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-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

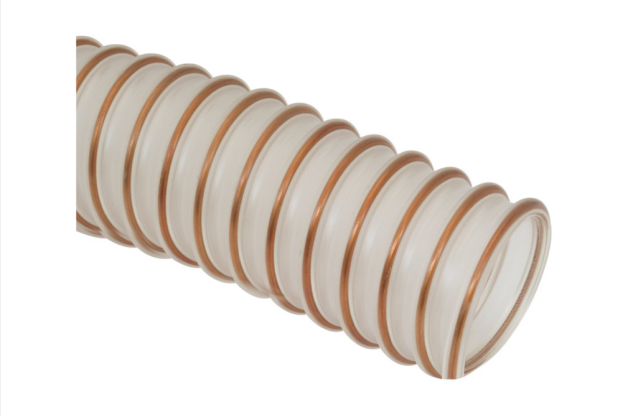
https://www.schmalz.com/10.01.38.00653



VENT-EINH 8/6 NC 24V-DC

Part no..:10.01.21.02405

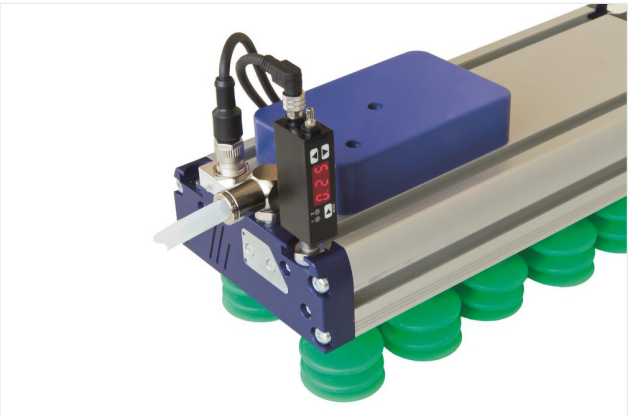
Construction use: Vacuum area gripping system FXP-FMP
Connection: Hose 8/6
Control valve: Normally closed



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-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

https://www.schmalz.com/10.01.38.00653



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-SVK 838 5R18 O10O10 F G60

Part no..:10.01.38.00653

https://www.schmalz.com/10.01.38.00653



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 SVK 798 5R18 FXP-FMP

Part no..:10.01.38.00522

Length L: 798 mm
Width B: 109.8 mm
Height H: 0.4 mm
Measuring range: bar
Construction use: Vacuum area gripping system FXP-FMP



DI-PL 838-5R18 O10O10 F FXP-FMP

Part no..:10.01.38.00628

Length L: 838 mm
Width B: 128 mm
Arrangement: 5R18
Material type: Foam O, Height 2x10 mm
Add. function: Filter
Construction use: Vacuum area gripping system FXP-FMP