

Vacuum Area Gripper

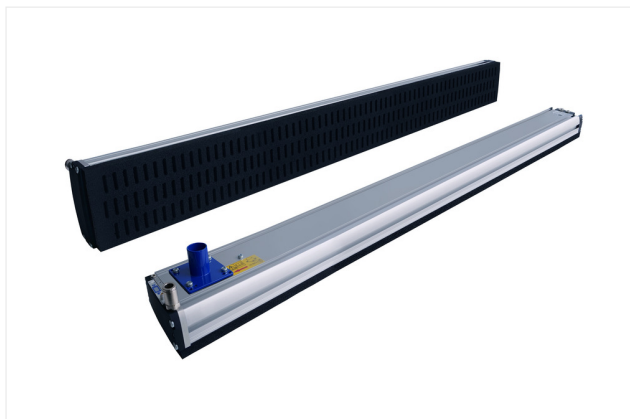
FMP-i-SVK 1234 3R18 O20 G60

Part no.:10.01.38.07436

<https://www.schmalz.ru/10.01.38.07436>

Home > Vacuum Technology for Automation > Vacuum Components > Area Gripping Systems and End Effectors > Vacuum Area Gripping System
FXP/FMP > Area Gripping Systems FMP > FMP-i-SVK 1234 3R18 O20 G60

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



Length L: 1,234 mm

Length L1: 1,238 mm

Width B: 130 mm

Arrangement: 3R18

Material type: Foam O, Height 20 mm

construction shape fittings: Straight

External diameter D: 60 mm

Add. function: 1x control valve vacuum/blow-off

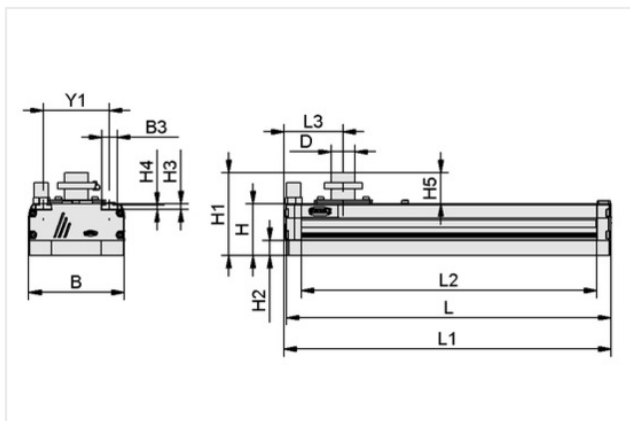
Max. air consumption blow off: 800 l/min

Construction shape vacuum switch: Normally open

Weight: 5.8 kg

Product family: FMP

Design Data



Attribute	Value
B	130 mm
B3	21.60 mm
D	60 mm
H	80 mm
H1	116 mm
H2	20 mm
H3	7.70 mm
H4	5.50 mm
H5	46 mm
L	1234 mm
L1	1238 mm
L2	1194 mm
L3	80.90 mm
Y1	90 mm
Valve type	SVK

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

Technical Data

Contact Schmalz

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Vacuum Area Gripper

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Attribute	Value
Arrangement	3R18
Material type	Foam O, Height 20 mm
Number of suction cells	197
Suction force at -250 mbar	1650 N
Electrical connection	Male connect M8, 6 pole
Add. function	1x control valve vacuum/blow-off
Weight	5.80 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



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



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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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



ASK WB-M8-6 2000 K-6P

Part no...:21.04.05.00488

Cable length: 2,000 mm

Material hose: PUR cable



ASK B-M8-6 5000 K-6P

Part no...:21.04.05.00255

Electrical connection: Fem connect M8, 6 pol

Cable length: 5,000 mm

Material hose: PUR cable

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ASK WB-M8-6 2000 S-M12-5

Part no...:21.04.05.00489

Cable length: 2,000 mm

Material hose: PUR cable



PE-PR-39x21.3x16.7-FXP-/FMP-i

Part no...:10.01.38.06443

Length L: 39 mm

Width B: 21.3 mm

Height H: 16.7 mm

Hole spacing X1: 31 mm

Construction use: Vacuum area gripping system FXP-i/FMP-i



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

Vacuum Area Gripper

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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



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



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

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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 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



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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Part no...:10.01.38.07436

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

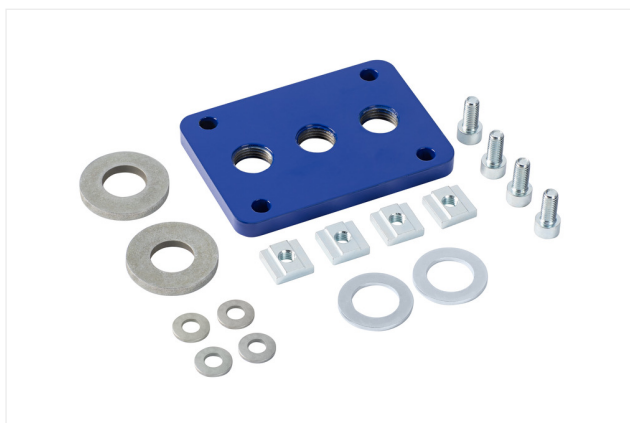
Part no...:10.01.03.00207

Thread G1: G1/2"-F

Thread G2: G1/2"-M

Operating temperature: 0 ... 70 °C

Shape mounting elements: Reinforced



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



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

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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 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



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 m³/h

Weight: 1.36 kg

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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



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

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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



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

Spare parts



VENT-BGR FMP-i-50 NO

Part no...:10.01.38.06657

Length L: 130 mm

Width B: 23.9 mm

Height H: 50 mm

Measuring range: bar

Control valve: Normally open

Valve type: FMP-i

Nominal size: 50 mm

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MASK-FOL SVK 1194 3R18 FXP-/FMP-i

Part no...:10.01.38.07242

Length L: 1,194 mm

Width B: 109.8 mm

Height H: 0.4 mm

Measuring range: bar

Construction use: Vacuum area gripping system FXP-i/FMP-i



DI-PL 1234x128 3R18 LL-20x7 O20 KE

Part no...:10.01.38.07311

Length L: 1,234 mm

Width B: 128 mm

Height H: 20 mm

Arrangement suction cells: 3 rows, 18 mm

Material type: Foam O, Height 20 mm

Add. function: Adhesive tape on one side

Measuring range: bar

Weight: 0.075 kg