

Area Gripper

FMP-SVK 1036 3R18 O10010 F G60

Part no.:10.01.38.01315

<https://www.schmalz.ru/10.01.38.01315>

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



Length L: 1,036 mm

Width B: 130 mm

Arrangement: 3R18

Material type: Foam O, Height 2x10 mm

Add. function: Filter

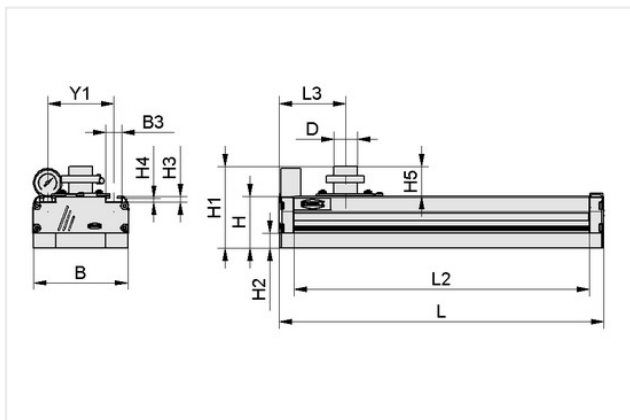
construction shape fittings: Straight

External diameter D: 60 mm

Weight: 4.3 kg

Product family: FMP

Design Data



Attribute	Value
B	130 mm
B3	21.60 mm
D	60 mm
H	70 mm
H1	116 mm
H2	20 mm
H3	7.70 mm
H4	5.50 mm
H5	46 mm
L	1036 mm
L2	996 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	3R18
Material type	Foam O, Height 2x10 mm
Number of suction cells	165

Contact Schmalz

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Suction force at -250 mbar 1370 N

Add. function Filter

Add. function Filter

Weight 4.30 kg

Sealing element Sealing Foam

Evacuation rate for $p_u = -0,25$ bar 750 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 m³/h

Weight: 1.36 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

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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

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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

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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

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Part no...:10.01.38.01315

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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

Art-Nr...: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

Art-Nr...: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

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SET fuer-Sensor(FXP/FMP)

Art-Nr...:10.01.38.01194



SET FXC-FMC

Art-Nr...: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

Art-Nr...: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

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SET FXP-FMP 4NUTSTEIN

Art-Nr...: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

Art-Nr...: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

Art-Nr...:10.07.02.00046

External diameter D: 40 mm

Measuring range: -1,00 ... 0,00 bar

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VENT-EINH 8/6 NC 24V-DC

Art-Nr.: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

Art-Nr.: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

Art-Nr.:10.06.02.00343

Length L: 50 mm

Width B: 15.8 mm

Height H: 25 mm

Measuring range: bar

Construction use: Vacuum switch

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VS-MONT 76.5x19 VSi FXP-FMP

Art-Nr...: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

Art-Nr...: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

Art-Nr...: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

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

Art-Nr...:10.01.03.00207

Thread G1: G1/2"-F

Thread G2: G1/2"-M

Operating temperature: 0 ... 70 °C

Shape mounting elements: Reinforced

Ersatzteile



MASK-FOL SVK 996 3R18 FXP-FMP

Art-Nr...:10.01.38.01176

Length L: 996 mm

Width B: 109.8 mm

Height H: 0.4 mm

Measuring range: bar

Construction use: Vacuum area gripping system FXP-FMP



DI-PL 1036-3R18 O10010 F FXP-FMP

Art-Nr...:10.01.38.01314

Length L: 1,036 mm

Width B: 128 mm

Height H: 20 mm

Construction use: Vacuum area gripping system FXP-FMP

with: Filter

Material type: Foam O, Height 2x10 mm

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