

Area Gripper

FMP-SVK 442 5R18 N10SU G32

Part no.: 10.01.38.02972

<https://www.schmalz.co.jp/10.01.38.02972>

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



Length L: 442 mm

Width B: 130 mm

Arrangement: 5R18

Material type: Foam N+SU, Height 10mm

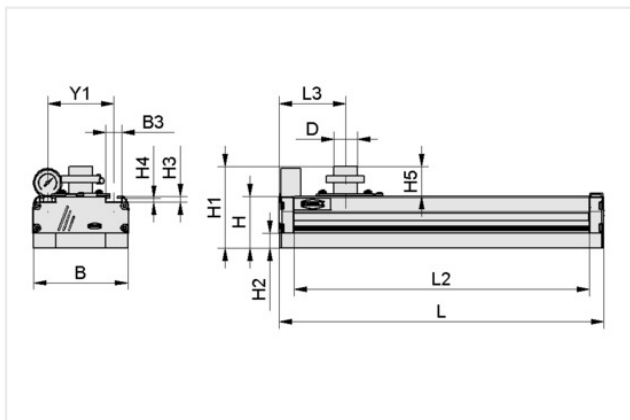
construction shape fittings: Straight

External diameter D: 32 mm

Weight: 2.5 kg

Product family: FMP

Design Data



Attribute	Value
B	130 mm
B3	21.60 mm
D	32 mm
H	60 mm
H1	101 mm
H2	10 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	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 N+SU, Height 10mm
Weight	2.50 kg

Contact Schmalz

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Sealing element

Sealing Foam

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 m³/h

Weight: 0.52 kg

Contact Schmalz

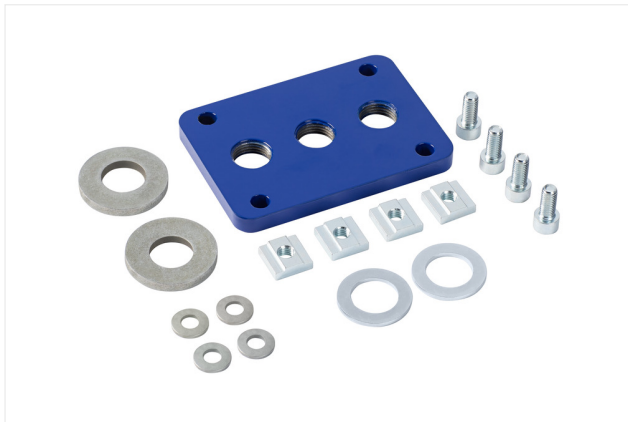
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FLAN-PL 120x85x10 ST FLGR

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

№. д е т а л и.: 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

№. детали.: 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

№. детали.: 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

№. детали.: 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

№. детали.: 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

№. детали.: 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

№. детали.: 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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FST-STARR 75 HD1 G1/2-AG G3/8-IG

No. детали.: 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

No. детали.: 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

No. детали.: 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)

No. детали.: 10.01.38.01194



SET FXC-FMC

No. детали.: 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

No. детали.: 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

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Part no.: 10.01.38.02972

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SET FXP-FMP 4NUTSTEIN

No. детали.: 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

No. детали.: 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

No. детали.: 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

No. детали.: 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

No. детали.: 10.07.09.00036

External diameter D: 42 mm

Internal diameter d: 32 mm

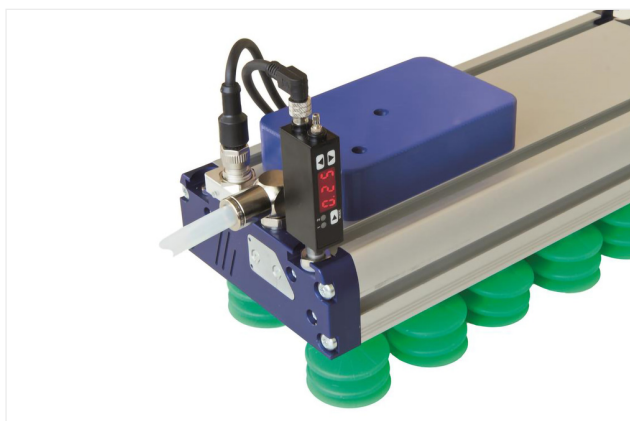
Length max.: 20 m

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

No. детали.: 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

No. детали.: 10.01.38.02485

Length L: 76.5 mm

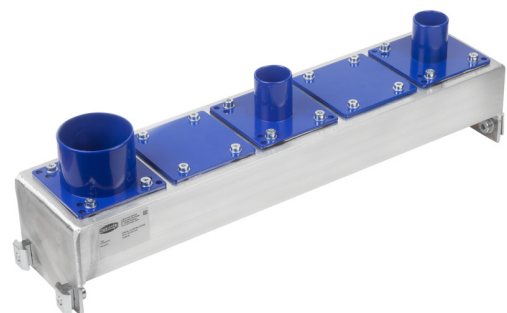
Width B: 19 mm

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

No. детали.: 10.01.43.00013

Length L: 439 mm

Width B: 100 mm

Height H: 127.5 mm



FLAN-PL 120x120x10 FXC-FMC

No. детали.: 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

No. детали.: 10.01.03.00207

Thread G1: G1/2"-F

Thread G2: G1/2"-M

Operating temperature: 0 ... 70 °C

Shape mounting elements: Reinforced

Запасные части



MASK-FOL SVK 402 5R18 FXP-FMP

No. детали.: 10.01.38.00520

Length L: 402 mm

Width B: 109.8 mm

Height H: 0.4 mm

Measuring range: bar

Construction use: Vacuum area gripping system FXP-FMP



SU-FLGR 442x131 SU FXP-FMP

No. детали.: 10.01.38.02858

Length L: 442 mm

Width B: 131 mm

Material type: protective layer

Construction use: Vacuum area gripping system FXP-FMP

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DI-PL 442x131 5R18 ZYL-D6 N10SU

№. д е т а л и . : 10.01.38.02863

Length L: 442 mm

Width B: 131 mm

Arrangement: 5R18

Material type: Foam N+SU, Height 10mm

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