

Vacuum Area Gripper

FEL SW60 352 5R18 O10 G12 PZ1

Part no...:10.01.46.00117

<https://www.schmalz.com/10.01.46.00117>

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



Length L: 352 mm

Width B: 130 mm

Height H: 26.5 mm

Shape: 1x passive zone / 1x suction zone

Length L4: 144 mm

Length L5: 180 mm

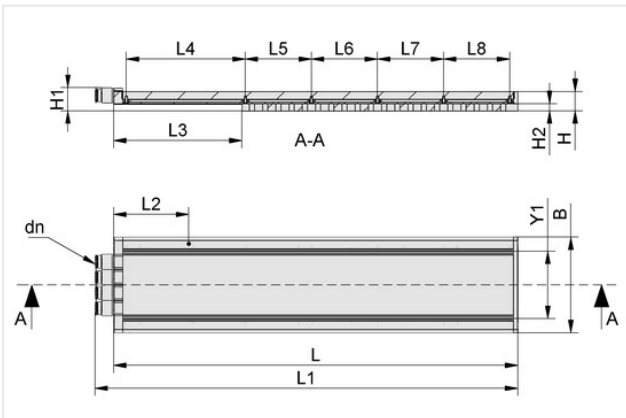
Arrangement suction cells: 5 rows, 18 mm

Material type: Foam O, Height 10 mm

Nominal diameter dn: 12 mm

Weight: 1.2 kg

Design Data



Attribute	Value
B	130 mm
dn	12 mm
H	26.50 mm
H1	31.30 mm
H2	10 mm
L	352 mm
L1	377.70 mm
L2	112 mm
L3	156.50 mm
L4	144 mm
L5	180 mm
Y1	90 mm

Technical Data

Attribute	Value
Shape	1x passive zone / 1x suction zone
Material type	Foam O, Height 10 mm
Suction force at -300 mbar	110 N
Nozzle diameter	0.60 mm
Arrangement suction cells	5 rows, 18 mm
Number of suction cells	46

Contact Schmalz

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Evacuation rate for pu = -0,3 bar

124 l/min

Weight

1.20 kg

Accessories



MOD-FLAN 130x90 FEL

Part no...:10.01.46.00136

Length L: 130 mm

Width B: 90 mm

Height H: 84 mm

Construction use: Vacuum area gripping system

Weight: 0.681 kg



EMVP 10 230V-AC 3/2 NO/NC

Part no...:10.05.02.00143

Nominal size: 10 mm

Voltage DC: 230 V - AC

Function: 3/2 multiway valve

Control valve: Optional NO / NC

Connecting thread: G3/8"-F

Pressure range (operating pressure): bar

Nominal flow rate: 10 m³/h

Weight: 0.42 kg

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SMPi 25 NO RD M12-5

Part no...:10.02.02.03363

Nozzle diameter: 2.5 mm

Suction rate (max.): 185 l/min

Air consumption suction: 290 l/min

Pressure range (operating pressure): 4.0 ... 7.0 bar

Max. vacuum: -850 mbar

Control valve: Normally open

Function: Digital air-saving function

Electrical connection: Male connect M12, 5 pol

Protection type IP: IP 65



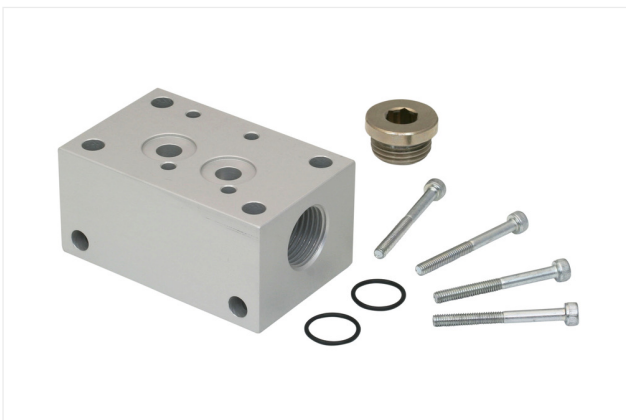
ASK B-M12-5 5000 K-5P

Part no...:21.04.05.00080

Electrical connection: Fem connect M12, 5 pol

Cable length: 5,000 mm

Material hose: PUR cable



GP 2 SMP 15..30/SCP 20..30

Part no...:10.02.02.00917

Pressure range (operating pressure): bar

Number of connections: 2

Length L: 78 mm

Width B: 38 mm

Height H: 49.5 mm

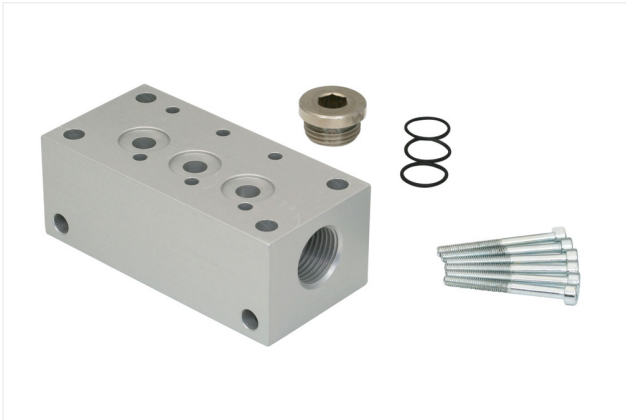
Internal diameter d: 7 mm

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GP 3 SMP 15..25/SCP 20..25

Part no...:10.02.02.00918

Pressure range (operating pressure): bar

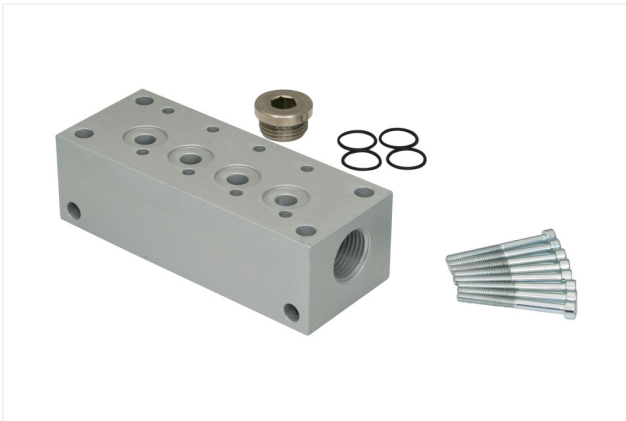
Number of connections: 3

Length L: 101 mm

Width B: 38 mm

Height H: 49.5 mm

Internal diameter d: 7 mm



GP 4 SMP 15..20/SCP 20

Part no...:10.02.02.00919

Pressure range (operating pressure): bar

Number of connections: 4

Length L: 124 mm

Width B: 38 mm

Height H: 49.5 mm

Internal diameter d: 7 mm



NUT-STEI 11.5x8 M4-IG

Part no...:25.09.06.00153

Length L: 11.5 mm

Width B: 8 mm

Height H: 4.5 mm

Thread G1: M4-F

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NUT-STEI 17x10.6 M6-IG

Part no...:25.09.06.00048

Length L: 17 mm

Width B: 10.6 mm

Height H: 6.4 mm

Thread G1: M6-F

Shape mounting elements: half-round

Spare parts



DI-PL 88.5x10 ZEL

Part no...:10.01.46.00071

Length L: 88.5 mm

Width B: 10 mm

Height H: 8 mm

Material type: Cellular rubber

Add. function: Adhesive tape on one side

Construction use: Vacuum area gripping system



HUEL 5.4-3.4x4-FEL

Part no...:10.01.46.00073

External diameter D: 5.4 mm

Internal diameter d: 3.4 mm

Length L: 4 mm

Construction use: Vacuum area gripping system

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DI-SCHN 2.5 NBR-70

Part no...:10.07.04.00166

External diameter D: 2.5 mm

Material hardness [Shore A]: 70 Shore A

Sealing material: Nitrile rubber



DI-PL 84.9x9.3 ZEL PU KE FEL

Part no...:10.01.46.00043

Length L: 84.9 mm

Width B: 9.3 mm

Height H: 2 mm

Material type: Cellular rubber

Sealing material: Polyurethane PU

Add. function: Adhesive tape on one side

Construction use: Vacuum area gripping system



SCHR WN1552 5x20 ST VZ T25

Part no...:20.10.03.00008

External diameter D: 5 mm

Material: Steel

Length L: 20 mm

Surface: galvanised

Weight: 3.9 g

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DI-PL 195.5x128 5R18 LL-12x5 O10 PZ1

Part no...:10.01.46.00118

Length L: 195.5 mm

Width B: 128 mm

Height H: 10 mm

Material type: Foam O, Height 10 mm

Add. function: Adhesive tape on one side

Construction use: Vacuum area gripping system



DI-PL 156.5x128 P09

Part no...:10.01.46.00107

Length L: 156.5 mm

Width B: 128 mm

Height H: 0.9 mm

Material type: Foam P, Height 0,9 mm

Add. function: Adhesive tape on one side

Construction use: Vacuum area gripping system