Basic Ejector

SBP-C 05 G01 NC AI VS-T

Part no..:10.02.01.01005

https://www.schmalz.com/10.02.01.01005

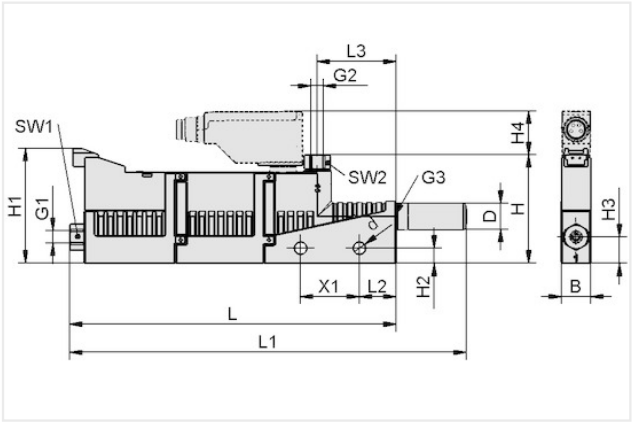
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Basic ejector "BASE PUMP-controlled" with very light construction



- Nozzle diameter: 0.5 mm
- Degree of evacuation: 85 %
- Connection: M5(1)-M5(2)
- Pressure optimal: 4.5 bar
- Suction rate (max.): 7 l/min
- Air consumption suction: 14 l/min
- Control valve: Normally closed
- construction shape compact ejectors: With blow-off impulse
- Function: electronic vacuum switch

Design Data



Attribute	Value
B	10 mm
d	4.20 mm
D	9 mm
G1	M5-F
G2	M5-F
G3	M5-F
H	37 mm
H1	39 mm
H2	5.20 mm
H3	9 mm
H4	14.30 mm
L	111 mm
L1	135 mm
L2	12.50 mm
L3	27 mm
SW1	8 mm
SW2	8 mm
X1	20 mm

Technical Data

Contact Schmalz

Schmalz Vakum San. ve Tic. Ltd. Sti. | Aydinli Mah. Patlayici Maddeler Yolu, Dumankaya Botanik A-89, 34953 Tuzla, Istanbul, Turkey | +90 216 340 0121 | schmalz@schmalz.com.tr

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Attribute	Value
Nozzle diameter	0.50 mm
Degree of evacuation	85 %
Suction rate (max.)	0.40 m³/h
Suction rate (max.)	7 l/min
Air consumption suction	0.80 m³/h
Air consumption suction	14 l/min
Sound level free	58 dB(A)
Sound level suction	53 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar
Pressure optimal	4.50 bar
Recomm. internal hose diameter compressed air	2 mm
Recomm. internal hose diameter vacuum	2 mm
Weight	111.50 g
Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0
Pressure optimal	65.20 psi
Suction rate (max.)	0.25 cfm
Air consumption suction	0.49 cfm
Product family	SBP-C

Note: The supply voltage for vacuum switches and solenoid valves is 24 VDC Air consumption: On version with solenoid valves SBP-C 07 (24) / SBP-C 25 (320) and optimal operating pressure Hose diameter: For max. length 2 m

Accessories



BEF-PL 110x44.5x3 SBP

Part no..:10.02.01.00511

Length L: 110 mm
Width B: 44.5 mm
Height H: 3 mm
Construction use: Basic ejector SBP

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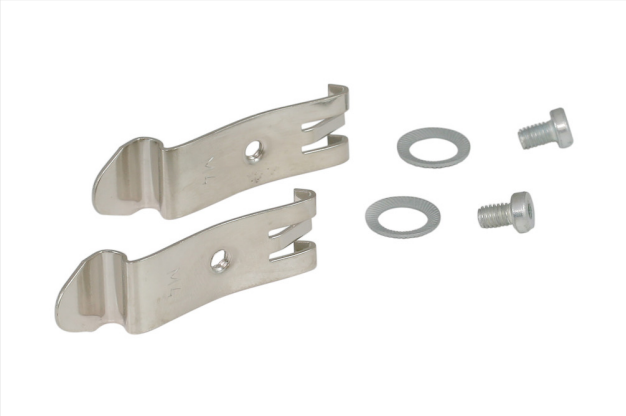
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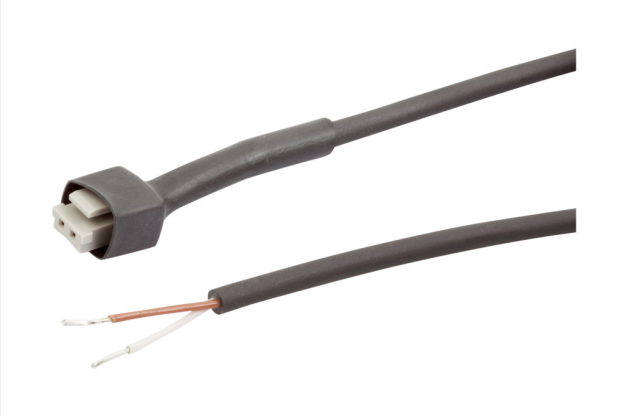
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SET SBP M4-IG

Part no..:10.02.01.00769

Length L: 50 mm
Width B: 14 mm
Construction use: Basic ejector SBP
Type: M4-IG



ASK B-MIC10 3000 K-2P

Part no..:21.04.06.00086

Material hose: PUR cable
Electrical connection: Connect. 10mm



ASK B-M8-4 5000 K-4P

Part no..:10.06.02.00031

Electrical connection: Fem connect M8, 4 pol
Cable length: 5,000 mm
Material hose: PUR cable

Contact Schmalz

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VFI CN6/4 50

Part no..:10.07.01.00241

Connection: Hose 6/4 with Cap nut

Filter pore size: 50 µm



VFI 4/2 50

Part no..:10.07.01.00329

Connection: Hose 4/2

Filter pore size: 50 µm

Spare parts



SD M5-AG 9x24

Part no..:10.02.01.00539

Thread G1: M5-M

External diameter D: 9 mm

Length L: 24 mm

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VS-V-AH-T-PNP M8-4 S

Part no..:10.06.02.00294

Measuring range: -1,0 ... 0,0 bar
Shape: Horizontal
Switching point adjustment: Teach function
Construction shape vacuum switch: PNP switching
Electrical connection: Male connect M8, 4 pole
Indication: LED
Protection type IP: IP 40
with: fixed hysteresis
Inputs/outputs: 2 digital

Contact Schmalz

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