

Basic Ejector

SBP-C 10 G02 VS-T

Part no. : 10.02.01.00999

<https://www.schmalz.co.jp/10.02.01.00999>

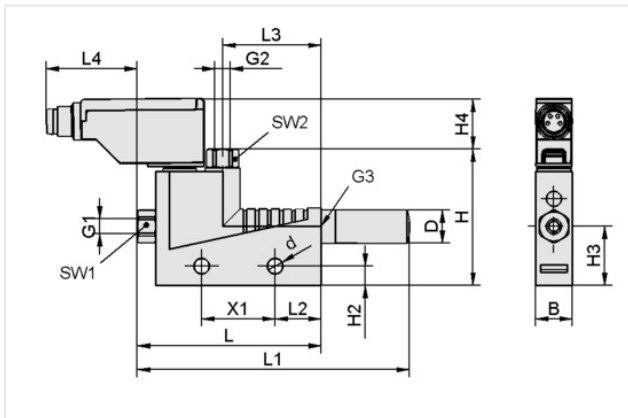
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Basic ejector "BASE PUMP-controlled" with very light construction



Nozzle diameter: 1 mm
Degree of evacuation: 85 %
Connection: G1/8" (1)–G1/8" (2)
Pressure optimal: 4.5 bar
Suction rate (max.): 38 l/min
Air consumption suction: 48 l/min
Function: electronic vacuum switch

Design Data



Attribute	Value
B	15 mm
d	4. 20 mm
D	13. 50 mm
G1	G1/8"-F
G2	G1/8"-F
G3	G1/8"-F
H	51 mm
H2	5. 20 mm
H3	18 mm
H4	11. 80 mm
L	61. 50 mm
L1	101. 50 mm
L2	19 mm
L3	29. 50 mm
L4	19. 80 mm
SW1	14 mm
SW2	14 mm
X1	20 mm

Technical Data

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

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Attribute	Value
Nozzle diameter	1 mm
Degree of evacuation	85 %
Suction rate (max.)	2.30 m³/h
Suction rate (max.)	38 l/min
Air consumption suction	2.90 m³/h
Air consumption suction	48 l/min
Sound level free	65 dB(A)
Sound level suction	59 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar
Pressure optimal	4.50 bar
Recomm. internal hose diameter compressed air	4 mm
Recomm. internal hose diameter vacuum	6 mm
Weight	105 g
Operating temperature	0 ... 50 ° C
Pressure range (operating pressure)	43.5 ... 87.0
Pressure optimal	65.20 psi
Suction rate (max.)	1.34 cfm
Air consumption suction	1.70 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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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

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VFI CN8/6 50

Part no.: 10.07.01.00245

Connection: Hose 8/6 with Cap nut

Filter pore size: 50 µm



VFI 6/4 50

Part no.: 10.07.01.00328

Connection: Hose 6/4

Filter pore size: 50 µm



VFT G1/8-IG 80

Part no.: 10.07.01.00116

Connection: G1/8"-F

Shape: Short filter insert

Nominal flow rate: 45 l/min

Nominal flow rate: 2.7 m³/h

Filter pore size: 80 µm

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SEG 10 HS

Part no.: 10.02.01.00247

Nozzle diameter: 1 mm

Shape: For high vacuum

Suction rate (max.): 34 l/min

Air consumption suction: 49 l/min

Spare parts



SD G1/8-AG 14x40

Part no.: 10.02.01.00540

Thread G1: G1/8"-M

External diameter D: 14 mm

Length L: 40 mm



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

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