

Basic ejector

SBP-C 05 S01 NC AI VS-T

<https://www.schmalz.com/10.02.01.00989>



Part no.: 10.02.01.00989

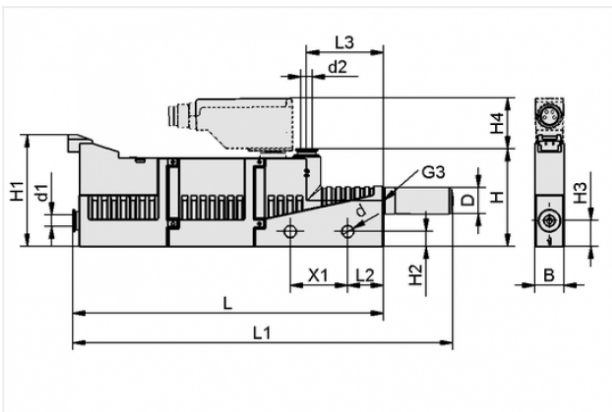
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Basic ejector BASE PUMP-controlled with very light construction



Nozzle size: 0,5 mm
 Connection: Hose D4(1)-D4(2)
 Pressure optimal: 4.5 bar
 Suction rate (max): 7 l/min
 Air consumption (during evac.): 14 l/min
 Control: Normally closed
 Shape: With blow-off system with: electronic vacuum switch

Design Data



Attribute	Value
B	10 mm
d	4.2 mm
d1	4 mm
d2	4 mm
D	9 mm
G3	M5-F
H	34 mm
H1	39 mm
H2	5.2 mm
H3	9 mm
H4	17.7 mm
L	108 mm
L1	132 mm

Contact to Schmalz

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Attribute	Value
L2	12.5 mm
L3	27 mm
X1	20 mm

Technical Data

Attribute	Value
Nozzle diameter	0.5 mm
Degree of evacuation	85 %
Suction rate (max)	0.4 m ³ /h
Suction rate (max)	7 l/min
Air consumption (during evac.)	0.8 m ³ /h
Air consumption (during evac.)	14 l/min
Noise level (free)	58 dB
Noise level (workp. gripped)	53 dB
Pressure range (operating pressure)	3.0 ... 6.0 bar
Pressure optimal	4.5 bar
Int. hose diameter (recom.) comp.-air	2 mm
Int. hose diameter (recom.) vacuum side	2 mm
Weight	111 g
Ambient temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0 psi
Pressure optimal	65.2 psi
Suction rate (max)	0.247 cfm
Air consumption (during evac.)	0.494 cfm

Note:

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- 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

Spare Parts



SD M5-AG 9x24

Part no. 10.02.01.00539

Silencer for vacuum generators

Thread G1: M5-M

External diameter D: 9 mm

Length L: 24 mm

Accessories



BEF-PL 111.1x45x3 SBP

Part no. 10.02.01.00511

Mounting plate

Length L: 111.1 mm

Width B: 45 mm

Height H: 3 mm

for: Basic ejectors SBP



SET SBP M4-IG

Part no. 10.02.01.00769

Mounting set

for: Basic ejectors SBP

Type: M4-IG



ASK B-MIC10 3000 K-2P

Part no. 21.04.06.00086

Connection cable

Interface Connection cable:

Connect. 10mm

Cable length: 3000 mm

Interface Connection cable: Cable 2

Material: PUR-Cable



ASK B-M8-4 5000 K-4P

Part no. 10.06.02.00031

Connection cable

Interface Connection cable:

Fem connect M8, 4 pol

Cable length: 5000 mm

Interface Connection cable: Cable 4

Material: PUR-Cable