

## Basic Ejector

SBP-C 10 S02 NO A

Part no.: 10.02.01.00589

<https://www.schmalz.co.jp/10.02.01.00589>

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



Nozzle diameter: 1 mm

Degree of evacuation: 85 %

Connection: Hose D6(1)-D8(2)

Pressure optimal: 4.5 bar

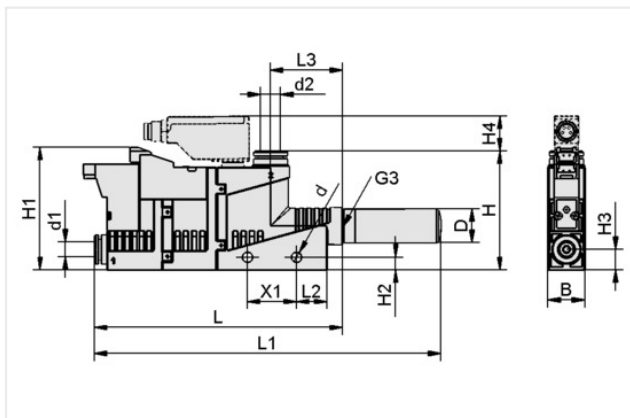
Suction rate (max.): 35 l/min

Air consumption suction: 48 l/min

Control valve: Normally open

construction shape compact ejectors: Blow-off function

### Design Data



| Attribute | Value     |
|-----------|-----------|
| B         | 15 mm     |
| d         | 4.20 mm   |
| d1        | 6 mm      |
| d2        | 8 mm      |
| D         | 13.50 mm  |
| G3        | G1/8"-F   |
| H         | 49 mm     |
| H1        | 50 mm     |
| H2        | 5.20 mm   |
| H3        | 8.50 mm   |
| L         | 101.50 mm |
| L1        | 141.50 mm |
| L2        | 19 mm     |
| L3        | 29.50 mm  |
| X1        | 20 mm     |

### Technical Data

| Attribute            | Value |
|----------------------|-------|
| Nozzle diameter      | 1 mm  |
| Degree of evacuation | 85 %  |

### Contact Schmalz

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|                                               |                 |
|-----------------------------------------------|-----------------|
| Suction rate (max.)                           | 2.10 m³/h       |
| Suction rate (max.)                           | 35 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                                        | 65 g            |
| Operating temperature                         | 0 ... 50 °C     |
| Pressure range (operating pressure)           | 43.5 ... 87.0   |
| Pressure optimal                              | 65.20 psi       |
| Suction rate (max.)                           | 1.24 cfm        |
| Air consumption suction                       | 1.70 cfm        |
| Air consumption blow off                      | 1.06 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



### VFI CN8/6 50

Part no.: 10.07.01.00245

Connection: Hose 8/6 with Cap nut

Filter pore size: 50 µm

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### 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



### 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

### Contact Schmalz

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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

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