

# Basic Ejector

SBP-C 15 S02 NO A VS-T

Part no...:10.02.01.00994

<https://www.schmalz.ru/10.02.01.00994>

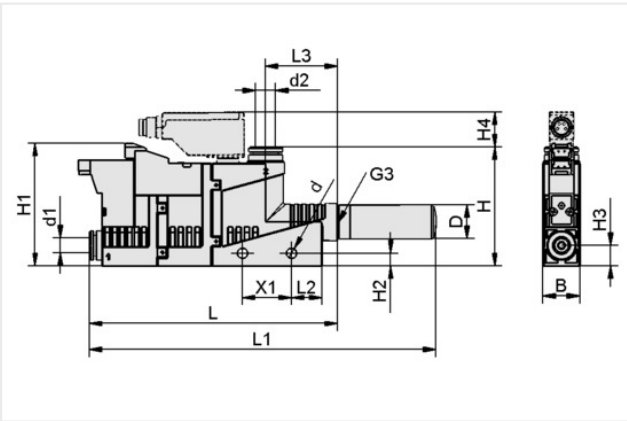
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## Basic ejector "BASE PUMP-controlled" with very light construction



|                                                        |
|--------------------------------------------------------|
| Nozzle diameter: 1.5 mm                                |
| Degree of evacuation: 85 %                             |
| Connection: Hose D6(1)-D8(2)                           |
| Pressure optimal: 5 bar                                |
| Suction rate (max.): 71 l/min                          |
| Air consumption suction: 118 l/min                     |
| Control valve: Normally open                           |
| construction shape compact ejectors: Blow-off function |
| Function: electronic vacuum switch                     |

## 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   |
| H4        | 14.20 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      | 1.50 mm |
| Degree of evacuation | 85 %    |

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|                                               |                 |
|-----------------------------------------------|-----------------|
| Suction rate (max.)                           | 4.30 m³/h       |
| Suction rate (max.)                           | 71 l/min        |
| Air consumption suction                       | 7.10 m³/h       |
| Air consumption suction                       | 118 l/min       |
| Sound level free                              | 72 dB(A)        |
| Sound level suction                           | 65 dB(A)        |
| Pressure range (operating pressure)           | 3.0 ... 6.0 bar |
| Pressure optimal                              | 5 bar           |
| Recomm. internal hose diameter compressed air | 4 mm            |
| Recomm. internal hose diameter vacuum         | 6 mm            |
| Weight                                        | 140 g           |
| Operating temperature                         | 0 ... 50 °C     |
| Pressure range (operating pressure)           | 43.5 ... 87.0   |
| Pressure optimal                              | 72.50 psi       |
| Suction rate (max.)                           | 2.51 cfm        |
| Air consumption suction                       | 4.17 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



### 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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### VFT G1/4-IG 80

Part no...:10.07.01.00119

Connection: G1/4"-F

Shape: Short filter insert

Nominal flow rate: 110 l/min

Nominal flow rate: 6.6 m³/h

Filter pore size: 80 µm

## 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

## Contact Schmalz

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