

## Basic Ejector

SBP HV 2 07 13

Part no.: 10.02.01.01718

<https://www.schmalz.co.jp/10.02.01.01718>

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### Basic ejector for universal use



Shape: High Vacuum

Number of stages: 2

Nozzle diameter: 0.7 mm

Size: 13

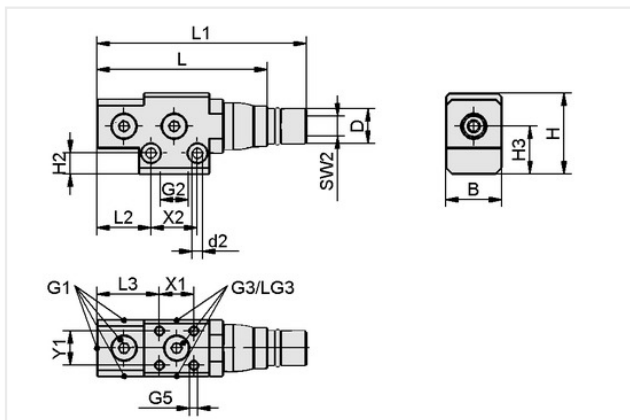
Degree of evacuation: 85 %

Pressure optimal: 4 bar

Suction rate (max.): 42.5 l/min

Air consumption suction: 23.5 l/min

### Design Data



| Attribute | Value    |
|-----------|----------|
| B         | 23 mm    |
| D         | 14.20 mm |
| d2        | 4.20 mm  |
| G1        | G1/8"-F  |
| G2        | G1/4"-F  |
| G3        | G1/8"-F  |
| G5        | M4-F     |
| H         | 33 mm    |
| H2        | 8.50 mm  |
| H3        | 19.50 mm |
| L         | 69.50 mm |
| L1        | 85.50 mm |
| L2        | 22 mm    |
| L3        | 25.50 mm |
| LG3       | 5.50 mm  |
| SW2       | 8 mm     |
| X1        | 14 mm    |
| X2        | 19 mm    |
| Y1        | 14 mm    |

### Contact Schmalz

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### Technical Data

| Attribute                                     | Value           |
|-----------------------------------------------|-----------------|
| Nozzle diameter                               | 0.70 mm         |
| Number of stages                              | 2               |
| Degree of evacuation                          | 85 %            |
| Suction rate (max.)                           | 2.62 m³/h       |
| Suction rate (max.)                           | 42.50 l/min     |
| Air consumption suction                       | 1.45 m³/h       |
| Air consumption suction                       | 23.50 l/min     |
| Sound level free                              | 72 dB(A)        |
| Sound level suction                           | 62 dB(A)        |
| Pressure range (operating pressure)           | 2.0 ... 6.0 bar |
| Pressure optimal                              | 4 bar           |
| Recomm. internal hose diameter compressed air | 4 mm            |
| Recomm. internal hose diameter vacuum         | 6 mm            |
| Weight                                        | 84.90 g         |
| Operating temperature                         | 0 ... 60 °C     |
| Pressure range (operating pressure)           | 29.0 ... 87.0   |
| Pressure optimal                              | 58 psi          |
| Suction rate (max.)                           | 1.50 cfm        |
| Air consumption suction                       | 0.83 cfm        |
| Product family                                | SBP-HV-HF       |

### Accessories



#### SET SFE 13

Part no.: 10.02.01.01579

Width B: 20 mm

Height H: 20 mm

Length L: 27 mm

Construction use: Schmalz Fixation Element

Size: 13

Thread G1: G1/8"-M

Thread G2: M8-M

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**BEF-WIN 36x40x27 5 SFE-13**

Part no.: 10.08.03.00314

Width B: 36 mm

Height H: 40 mm

Length L: 27 mm

Construction use: Schmalz Fixation Element

Size: 13



**SEV G1/8-IG G1/4-AG**

Part no.: 10.02.01.01471

External diameter D: 19 mm

Length L: 37 mm

Thread G1: G1/8"-F

Thread G2: G1/4"-M



**SD 16.5x51.5 SHC 13**

Part no.: 10.02.01.01498

External diameter D: 16.5 mm

Length L: 51.5 mm

Construction use: Schmalz Holder Cap

Size: 13

## Spare parts

### Contact Schmalz

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### SEP HV 2 07 13

Part no.: 10.02.01.01394

Shape: High Vacuum

Number of stages: 2

Nozzle size: 0.7 mm

Hole diameter: 13 mm

Degree of evacuation: 85 %

Pressure range (operating pressure): 2.0 ... 6.0 bar

Pressure optimal: 4 bar

Suction rate (max.): 42.5 l/min

Air consumption suction: 23.5 l/min



### SFE 13 AL

Part no.: 10.02.01.01419

Hole diameter: 13 mm

Width B: 23 mm

Height H: 33 mm

Length L: 51.5 mm

Thread G1: G1/8"-F

Thread G2: G1/4"-F

Compressed-air connection: G1/8"-F

Suction cup connection: G1/4"-F

Vacuum connection: G1/8"-F



### SHC 2 13

Part no.: 10.02.01.01496

Number of stages: 2

Hole diameter: 13 mm

External diameter D: 14.2 mm

Length L: 18 mm

Thread G1: M16x1-M

## Contact Schmalz

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### Product recommendations



SBP HV 2 07 13 SD

Part no. : 10.02.01.01730

Shape: High Vacuum

Number of stages: 2

Nozzle diameter: 0.7 mm

Size: 13

Degree of evacuation: 85 %

Pressure optimal: 4 bar

Suction rate (max.): 42.5 l/min

Air consumption suction: 23.5 l/min

Add. function: Silencer

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