

## Basic Ejector

SBP HF 3 13 22 SD

Part no.:10.02.01.01738

<https://www.schmalz.ru/10.02.01.01738>

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### Basic ejector for universal use



Shape: High Flow

Number of stages: 3

Nozzle diameter: 1.3 mm

Size: 22

Degree of evacuation: 61 %

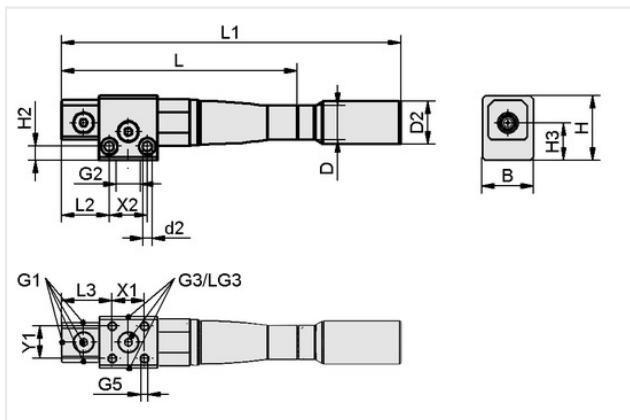
Pressure optimal: 4 bar

Suction rate (max.): 297.6 l/min

Air consumption suction: 74 l/min

Add. function: Silencer

### Design Data



| Attribute | Value     |
|-----------|-----------|
| B         | 35 mm     |
| D         | 23 mm     |
| D2        | 29 mm     |
| d2        | 6.40 mm   |
| G1        | G1/4"-F   |
| G2        | G3/8"-F   |
| G3        | G1/4"-F   |
| G5        | M6-F      |
| H         | 44 mm     |
| H2        | 9.50 mm   |
| H3        | 25.50 mm  |
| L         | 160.50 mm |
| L1        | 231 mm    |
| L2        | 32.50 mm  |
| L3        | 34.50 mm  |
| LG3       | 7 mm      |
| X1        | 22 mm     |
| X2        | 26 mm     |
| Y1        | 22 mm     |

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### Technical Data

| Attribute                                     | Value           |
|-----------------------------------------------|-----------------|
| Nozzle diameter                               | 1.30 mm         |
| Number of stages                              | 3               |
| Degree of evacuation                          | 61 %            |
| Suction rate (max.)                           | 18.31 m³/h      |
| Suction rate (max.)                           | 297.60 l/min    |
| Air consumption suction                       | 4.55 m³/h       |
| Air consumption suction                       | 74 l/min        |
| Sound level free                              | 69 dB(A)        |
| Sound level suction                           | 61 dB(A)        |
| Pressure range (operating pressure)           | 2.0 ... 6.0 bar |
| Pressure optimal                              | 4 bar           |
| Recomm. internal hose diameter compressed air | 6 mm            |
| Recomm. internal hose diameter vacuum         | 12 mm           |
| Weight                                        | 295 g           |
| Operating temperature                         | 0 ... 60 °C     |
| Pressure range (operating pressure)           | 28.8 ... 87.0   |
| Pressure optimal                              | 58 psi          |
| Suction rate (max.)                           | 10.51 cfm       |
| Air consumption suction                       | 2.61 cfm        |
| Product family                                | SBP-HV-HF       |

### Accessories



#### BEF-WIN 50x40x41 5 SFE-22

Part no.:10.08.03.00315

Width B: 50 mm

Height H: 40 mm

Length L: 41 mm

Construction use: Schmalz Fixation Element

Size: 22

### Contact Schmalz

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### SET SFE 22

Part no...:10.02.01.01577

Width B: 20 mm

Height H: 20 mm

Length L: 27 mm

Construction use: Schmalz Fixation Element

Size: 22

Thread G1: G1/4"-M

Thread G2: M8-M



### 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

## Spare parts



### SEP HF 3 13 22

Part no...:10.02.01.01348

Shape: High Flow

Number of stages: 3

Nozzle size: 1.3 mm

Hole diameter: 22 mm

Degree of evacuation: 61 %

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

Pressure optimal: 4 bar

Suction rate (max.): 297.6 l/min

Air consumption suction: 74 l/min

## Contact Schmalz

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### SFE 22 AL

Part no...:10.02.01.01421

Hole diameter: 22 mm

Width B: 35 mm

Height H: 44 mm

Length L: 87.5 mm

Thread G1: G1/4"-F

Thread G2: G3/8"-F

Compressed-air connection: G1/4"-F

Suction cup connection: G3/8"-F

Vacuum connection: G1/4"-F



### SHC 3 22

Part no...:10.02.01.01514

Number of stages: 3

Hole diameter: 22 mm

External diameter D: 20 mm

Length L: 73 mm

Thread G1: M27x1.5-M



### SD 29x70 SHC 22

Part no...:10.02.01.01517

External diameter D: 29 mm

Length L: 70 mm

Construction use: Schmalz Holder Cap

Size: 22