

Basic Ejector

SBP HF 3 13 22 SD

Part no.:10.02.01.01738

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

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Basic Ejectors > Basic Ejectors SBP-HV/HF > SBP HF 3 13 22 SD

Basic ejector for universal use



Shape: High Flow

Number of stages: 3

Nozzle diameter: 1.3 mm

Size: 22

Degree of evacuation: 61 %

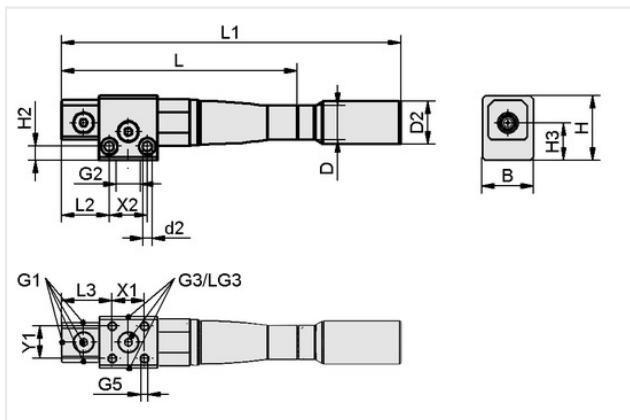
Pressure optimal: 4 bar

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

Contact Schmalz

Schmalz Inc. | 5850 Oak Forest Drive, Raleigh, NC 27616, United States | +1 (919) 713-0880 | schmalz.us@schmalz.com

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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

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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

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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

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