

Basic Ejector

SBP HV 3 07 13

Part no.: 10.02.01.01721

<https://www.schmalz.co.jp/10.02.01.01721>

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Basic ejector for universal use



Shape: High Vacuum

Number of stages: 3

Nozzle diameter: 0.7 mm

Size: 13

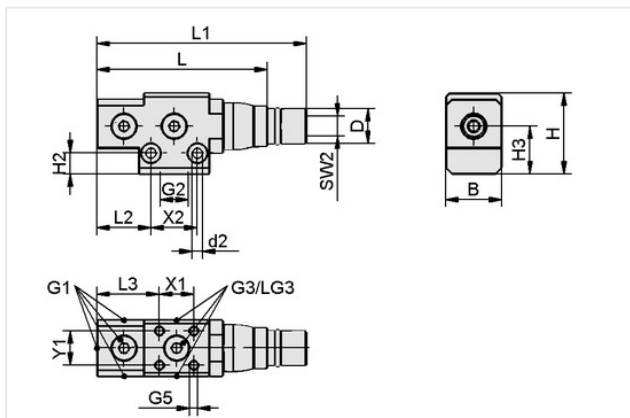
Degree of evacuation: 85 %

Pressure optimal: 4 bar

Suction rate (max.): 76.8 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	88 mm
L1	104 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	3
Degree of evacuation	85 %
Suction rate (max.)	4.73 m³/h
Suction rate (max.)	76.80 l/min
Air consumption suction	1.45 m³/h
Air consumption suction	23.50 l/min
Sound level free	70 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	4 mm
Recomm. internal hose diameter vacuum	6 mm
Weight	89.60 g
Operating temperature	0 ... 60 °C
Pressure range (operating pressure)	29.0 ... 87.0
Pressure optimal	58 psi
Suction rate (max.)	2.71 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 G1/8-AG

Part no.: 10.02.01.01519

External diameter D: 19 mm

Length L: 39.5 mm

Thread G1: G1/8"-F

Thread G2: G1/8"-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

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SEP HV 3 07 13

Part no.: 10.02.01.01395

Shape: High Vacuum

Number of stages: 3

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.): 76.8 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 3 13

Part no.: 10.02.01.01497

Number of stages: 3

Hole diameter: 13 mm

External diameter D: 14.2 mm

Length L: 36.5 mm

Thread G1: M16x1-M

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Product recommendations



SBP HV 3 07 13 SD

Part no.: 10.02.01.01733

Shape: High Vacuum

Number of stages: 3

Nozzle diameter: 0.7 mm

Size: 13

Degree of evacuation: 85 %

Pressure optimal: 4 bar

Suction rate (max.): 76.8 l/min

Air consumption suction: 23.5 l/min

Add. function: Silencer

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