

Basic Ejector

SBP HV 2 04 7

Part no.:10.02.01.01716

<https://www.schmalz.com/10.02.01.01716>

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Basic ejector for universal use



Shape: High Vacuum

Number of stages: 2

Nozzle diameter: 0.4 mm

Size: 7

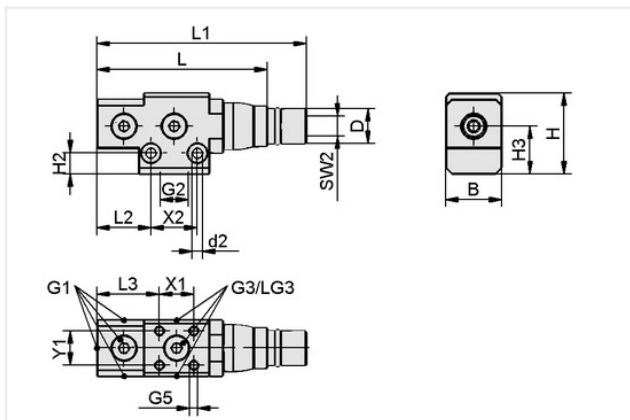
Degree of evacuation: 79 %

Pressure optimal: 4 bar

Suction rate (max.): 13.2 l/min

Air consumption suction: 6.5 l/min

Design Data



Attribute	Value
B	19 mm
D	6 mm
G1	G1/8"-F
G2	G1/8"-F
G3	G1/8"-F
G5	M4-F
H	22 mm
H3	12.50 mm
L	37 mm
L1	48 mm
L3	16 mm
LG3	6 mm
SW2	4 mm
X1	12 mm
Y1	12 mm

Technical Data

Attribute	Value
Nozzle diameter	0.40 mm
Number of stages	2

Contact Schmalz

Schmalz Vacuum Technology Ltd. | 14-2900 Argentia Rd, L5N 7X9 Mississauga, ON, Canada | +1 905 569 9520 | schmalz@schmalz.ca

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Degree of evacuation	79 %
Suction rate (max.)	0.81 m³/h
Suction rate (max.)	13.20 l/min
Air consumption suction	0.40 m³/h
Air consumption suction	6.50 l/min
Sound level free	65 dB(A)
Sound level suction	57 dB(A)
Pressure range (operating pressure)	2.0 ... 6.0 bar
Pressure optimal	4 bar
Recomm. internal hose diameter compressed air	2 mm
Recomm. internal hose diameter vacuum	4 mm
Weight	28.70 g
Operating temperature	0 ... 60 °C
Pressure range (operating pressure)	29.0 ... 87.0
Pressure optimal	58 psi
Suction rate (max.)	0.47 cfm
Air consumption suction	0.23 cfm
Product family	SBP-HV-HF

Accessories



BEF-WIN 30x40x25.5 4 SFE-7

Part no.:10.08.03.00313

Width B: 30 mm

Height H: 40 mm

Length L: 25.5 mm

Construction use: Schmalz Fixation Element

Size: 7

Spare parts

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SEP HV 2 04 7

Part no...:10.02.01.01393

Shape: High Vacuum

Number of stages: 2

Nozzle size: 0.4 mm

Hole diameter: 7 mm

Degree of evacuation: 79 %

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

Pressure optimal: 4 bar

Suction rate (max.): 13.2 l/min

Air consumption suction: 6.5 l/min



SHC 2 7

Part no...:10.02.01.01510

Number of stages: 2

Hole diameter: 7 mm

External diameter D: 6 mm

Length L: 6 mm

Thread G1: M8x0.5-M



SFE 7 AL

Part no...:10.02.01.01464

Hole diameter: 7 mm

Width B: 19 mm

Height H: 22 mm

Length L: 37 mm

Thread G1: G1/8"-F

Thread G2: G1/8"-F

Compressed-air connection: G1/8"-F

Suction cup connection: G1/8"-F

Vacuum connection: G1/8"-F

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