

Basic Ejector

SBP 10 G02 SDA

Part no.:10.02.01.00601

<https://www.schmalz.com/10.02.01.00601>

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Basic ejector for universal use



Nozzle diameter: 1 mm

Add. function: Axial silencer

Degree of evacuation: 85 %

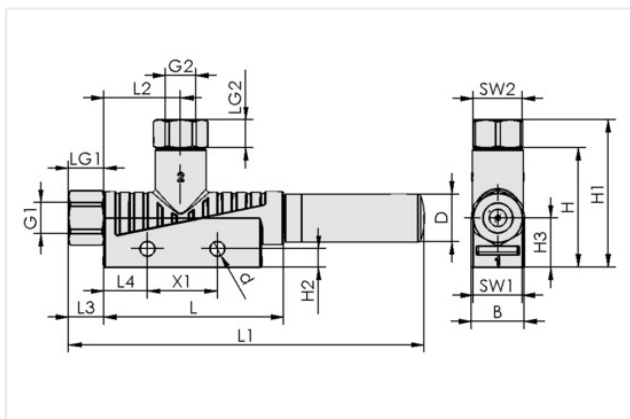
Connection: G1/8"(1)-G1/8"(2)

Pressure optimal: 4.5 bar

Suction rate (max.): 37.7 l/min

Air consumption suction: 48 l/min

Design Data



Attribute	Value
B	15 mm
d	4.20 mm
D	14 mm
G1	G1/8"-F
G2	G1/8"-F
H	34 mm
H1	42 mm
H2	5.20 mm
H3	14 mm
L	51.50 mm
L1	102 mm
L2	22 mm
L3	10 mm
L4	12.50 mm
LG1	8 mm
LG2	8 mm
SW1	14 mm
SW2	14 mm
X1	20 mm

Technical Data

Contact Schmalz

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Attribute	Value
Nozzle diameter	1 mm
Degree of evacuation	85 %
Suction rate (max.)	2.30 m³/h
Suction rate (max.)	37.70 l/min
Air consumption suction	2.90 m³/h
Air consumption suction	48 l/min
Sound level free	65 dB(A)
Sound level suction	59 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar
Pressure optimal	4.50 bar
Recomm. internal hose diameter compressed air	4 mm
Recomm. internal hose diameter vacuum	6 mm
Operating temperature	0 ... 60 °C
Pressure range (operating pressure)	43.5 ... 87.0
Suction rate (max.)	1.33 cfm
Air consumption suction	1.70 cfm
Weight	22 g
Product family	SBP

Note: Air consumption: At optimal operating pressure Hose diameter: For max. length 2 m

Accessories



BEF-PL 110x44.5x3 SBP

Part no.:10.02.01.00511

Length L: 110 mm

Width B: 44.5 mm

Height H: 3 mm

Construction use: Basic ejector SBP

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SET SBP M4-IG

Part no.:10.02.01.00769

Length L: 50 mm

Width B: 14 mm

Construction use: Basic ejector SBP

Type: M4-IG



VFI CN8/6 50

Part no.:10.07.01.00245

Connection: Hose 8/6 with Cap nut

Filter pore size: 50 µm



VFI 6/4 50

Part no.:10.07.01.00328

Connection: Hose 6/4

Filter pore size: 50 µm

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VFT G1/8-IG 80

Part no...:10.07.01.00116

Connection: G1/8"-F

Shape: Short filter insert

Nominal flow rate: 45 l/min

Nominal flow rate: 2.7 m³/h

Filter pore size: 80 µm



SEG 10 HS

Part no...:10.02.01.00247

Nozzle diameter: 1 mm

Shape: For high vacuum

Suction rate (max.): 34 l/min

Air consumption suction: 49 l/min



VS-V-W-D PNP K 3C-D

Part no...:10.06.02.00678

Measuring range: -1,0 ... 0,0 bar

Shape: Cube, digital display

Construction shape vacuum switch: PNP switching

Electrical connection: Cable

Inputs/outputs: 2 digital

Display: Display 3-color / 2-line

Protection type IP: IP 40

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VS-P10-W-D PNP K 3C-D

Part no.:10.06.02.00680

Measuring range: 0,0 ... 10,0 bar

Shape: Cube, digital display

Construction shape vacuum switch: PNP switching

Electrical connection: Cable

Inputs/outputs: 2 digital

Display: Display 3-color / 2-line

Protection type IP: IP 40

Spare parts



SD G1/8-AG 14x40

Part no.:10.02.01.00540

Thread G1: G1/8"-M

External diameter D: 14 mm

Length L: 40 mm