

Basic Ejector

SBP 25 G03 SDA

Part no.:10.02.01.00604

<https://www.schmalz.com/10.02.01.00604>

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Basic ejector for universal use



Nozzle diameter: 2.5 mm

Add. function: Silencer axial

Degree of evacuation: 85 %

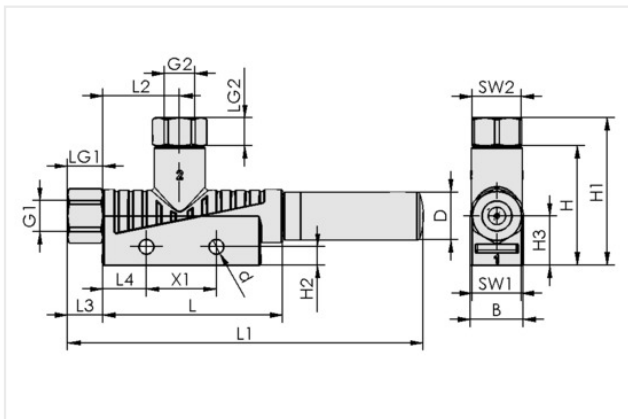
Connection: G1/4"(1)-G3/8"(2)

Pressure optimal: 4.5 bar

Suction rate (max.): 215 l/min

Air consumption suction: 311 l/min

Design Data



Attribute	Value
B	20 mm
d	4.20 mm
D	20 mm
G1	G1/4"-F
G2	G3/8"-F
H	39 mm
H1	53.50 mm
H2	5.20 mm
H3	17 mm
L	86.50 mm
L1	175.50 mm
L2	24.50 mm
L3	13 mm
L4	12.50 mm
LG1	9 mm
LG2	10 mm
SW1	17 mm
SW2	19 mm
X1	20 mm

Technical Data

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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Attribute	Value
Nozzle diameter	2.50 mm
Degree of evacuation	85 %
Suction rate (max.)	12.90 m ³ /h
Suction rate (max.)	215 l/min
Air consumption suction	18.70 m ³ /h
Air consumption suction	311 l/min
Sound level free	78 dB(A)
Sound level suction	70 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar
Pressure optimal	4.50 bar
Recomm. internal hose diameter compressed air	6 mm
Recomm. internal hose diameter vacuum	7 mm
Operating temperature	0 ... 60 °C
Pressure range (operating pressure)	43.5 ... 87.0
Suction rate (max.)	7.59 cfm
Air consumption suction	10.98 cfm
Weight	50 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



VFT G3/8-IG 80

Part no...:10.07.01.00122

Connection: G3/8"-F

Shape: Long filter insert

Nominal flow rate: 245 l/min

Nominal flow rate: 14.7 m³/h

Filter pore size: 80 µm



VFT G3/8-IG 100

Part no...:10.07.01.00123

Connection: G3/8"-F

Shape: Long filter insert

Nominal flow rate: 290 l/min

Nominal flow rate: 17.4 m³/h

Filter pore size: 100 µm

Spare parts

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SD G3/8-AG 20x76 SBP

Part no...:10.02.01.00719

Thread G1: G3/8"-M

External diameter D: 20 mm

Length L: 76 mm

Construction use: Basic ejector SBP

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