

Basic Ejector

SBP 05 G01 SDA

Part no.:10.02.01.00599

<https://www.schmalz.com/10.02.01.00599>

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Basic ejector for universal use



Nozzle diameter: 0.5 mm

Add. function: Axial silencer

Degree of evacuation: 85 %

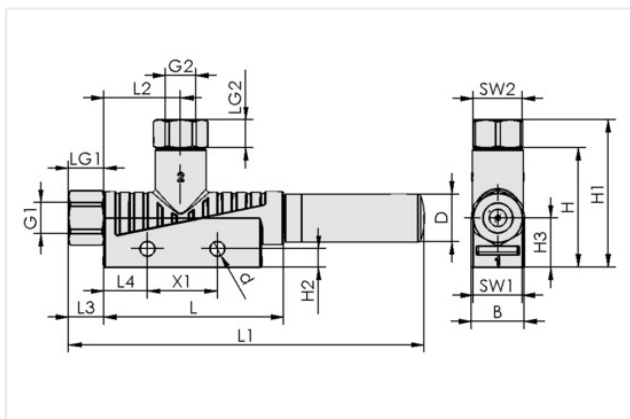
Connection: M5(1)-M5(2)

Pressure optimal: 4.5 bar

Suction rate (max.): 8 l/min

Air consumption suction: 13.5 l/min

Design Data



Attribute	Value
B	10 mm
d	4.20 mm
D	9 mm
G1	M5-F
G2	M5-F
H	26 mm
H1	31 mm
H2	5.20 mm
H3	12 mm
L	45 mm
L1	74 mm
L2	18 mm
L3	5 mm
L4	12.50 mm
LG1	5 mm
LG2	5 mm
SW1	8 mm
SW2	8 mm
X1	20 mm

Technical Data

Contact Schmalz

Schmalz Sp.z.o.o. | ul. Fabianowska 131/A1, 62-052 Komorniki, Poland | +48 61 628 67 70 | schmalz@schmalz.pl

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Attribute	Value
Nozzle diameter	0.50 mm
Degree of evacuation	85 %
Suction rate (max.)	0.50 m³/h
Suction rate (max.)	8 l/min
Air consumption suction	0.80 m³/h
Air consumption suction	13.50 l/min
Sound level free	58 dB(A)
Sound level suction	53 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar
Pressure optimal	4.50 bar
Recomm. internal hose diameter compressed air	2 mm
Recomm. internal hose diameter vacuum	2 mm
Operating temperature	0 ... 60 °C
Pressure range (operating pressure)	43.5 ... 87.0
Suction rate (max.)	0.28 cfm
Air consumption suction	0.48 cfm
Weight	7.50 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

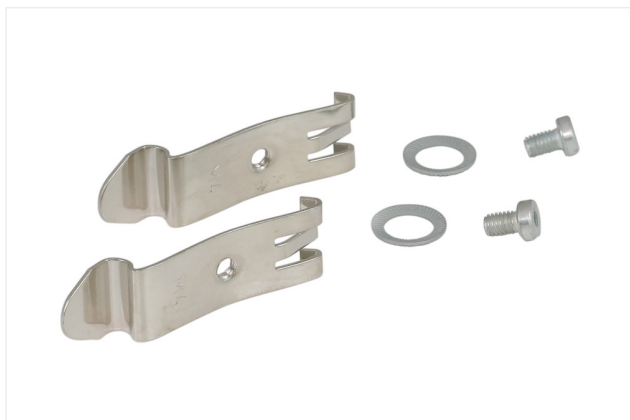
Construction use: Basic ejector SBP

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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



VFI CN6/4 50

Part no...:10.07.01.00241

Connection: Hose 6/4 with Cap nut

Filter pore size: 50 µm



VFI 4/2 50

Part no...:10.07.01.00329

Connection: Hose 4/2

Filter pore size: 50 µm

Spare parts

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SD M5-AG 9x24

Part no...:10.02.01.00539

Thread G1: M5-M

External diameter D: 9 mm

Length L: 24 mm

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