

Basic Ejector

SBP 10 S02 SDA

Part no...:10.02.01.00565

<https://www.schmalz.com/10.02.01.00565>



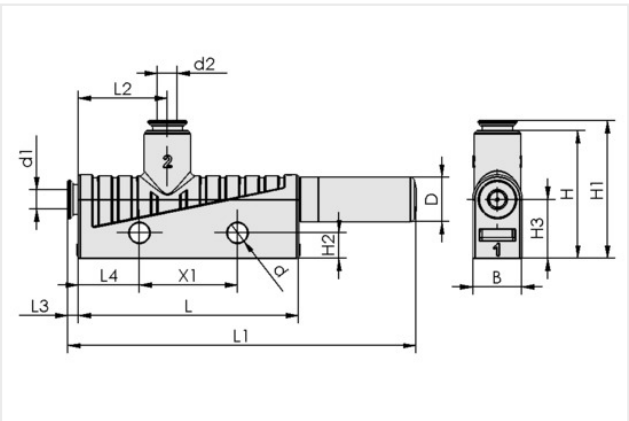
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Basic ejector for universal use



Nozzle diameter:	1 mm
Add. function:	Axial silencer
Degree of evacuation:	85 %
Connection:	Hose D6(1)-D8(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
d1	6 mm
d2	8 mm
D	14 mm
H	34 mm
H1	40 mm
H2	5.20 mm
H3	14 mm
L	51.50 mm
L1	97 mm
L2	22 mm
L3	5.50 mm
L4	12.50 mm
X1	20 mm

Technical Data

Attribute	Value
Nozzle diameter	1 mm
Degree of evacuation	85 %
Suction rate (max.)	2.30 m³/h

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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

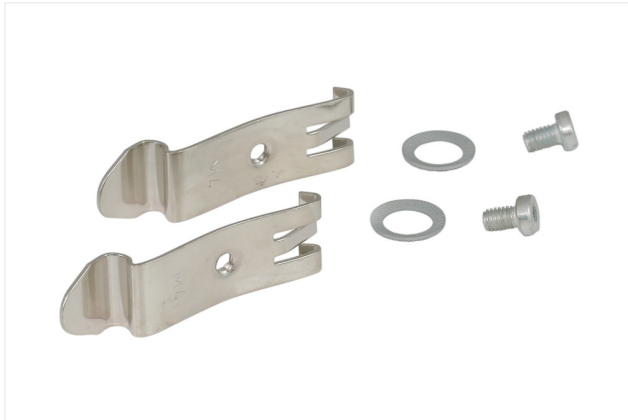
Construction use: Basic ejector SBP

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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

Contact Schmalz

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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

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