

Basic Ejector

SBP-C 20 G03 VS-T

Part no...:10.02.01.01001

<https://www.schmalz.com/10.02.01.01001>

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Basic ejector "BASE PUMP-controlled" with very light construction



Nozzle diameter: 2 mm

Degree of evacuation: 85 %

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

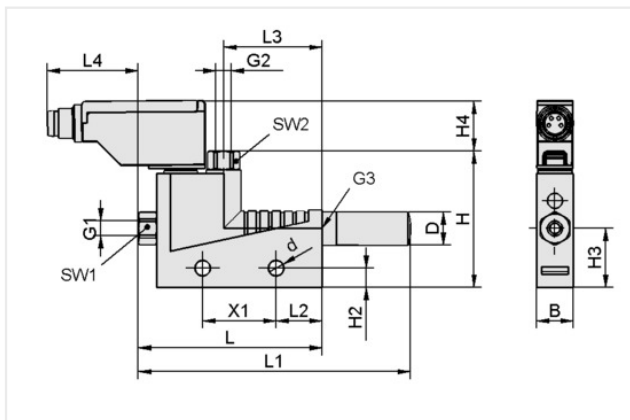
Pressure optimal: 4.5 bar

Suction rate (max.): 123 l/min

Air consumption suction: 208 l/min

Function: electronic vacuum switch

Design Data



Attribute	Value
B	20 mm
d	4.20 mm
D	20 mm
G1	G1/4"-F
G2	G3/8"-F
G3	G3/8"-F
H	65.50 mm
H2	5.20 mm
H3	18 mm
H4	17.30 mm
L	99.50 mm
L1	175.50 mm
L2	54 mm
L3	62 mm
L4	17.80 mm
SW1	17 mm
SW2	19 mm
X1	20 mm

Technical Data

Contact Schmalz

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Attribute	Value
Nozzle diameter	2 mm
Degree of evacuation	85 %
Suction rate (max.)	7.40 m³/h
Suction rate (max.)	123 l/min
Air consumption suction	12.50 m³/h
Air consumption suction	208 l/min
Sound level free	77 dB(A)
Sound level suction	68 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
Weight	143 g
Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0
Pressure optimal	65.20 psi
Suction rate (max.)	4.34 cfm
Air consumption suction	7.35 cfm
Product family	SBP-C

Note: The supply voltage for vacuum switches and solenoid valves is 24 VDC Air consumption: On version with solenoid valves SBP-C 07 (24) / SBP-C 25 (320) and 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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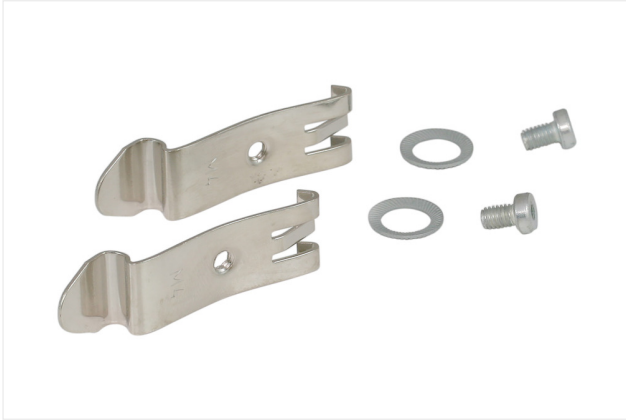
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SET SBP M4-IG

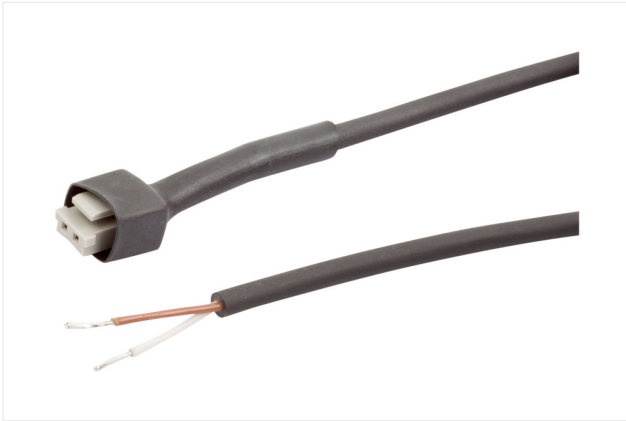
Part no...:10.02.01.00769

Length L: 50 mm

Width B: 14 mm

Construction use: Basic ejector SBP

Type: M4-IG



ASK B-MIC10 3000 K-2P

Part no...:21.04.06.00086

Material hose: PUR cable

Electrical connection: Connect. 10mm



ASK B-M8-4 5000 K-4P

Part no...:10.06.02.00031

Electrical connection: Fem connect M8, 4 pol

Cable length: 5,000 mm

Material hose: PUR cable

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VFT G1/4-IG 100

Part no...:10.07.01.00120

Connection: G1/4"-F

Shape: Short filter insert

Nominal flow rate: 140 l/min

Nominal flow rate: 8.4 m³/h

Filter pore size: 100 µm

Spare parts



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



VS-V-AH-T-PNP M8-4 S

Part no...:10.06.02.00294

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

Shape: Horizontal

Switching point adjustment: Teach function

Construction shape vacuum switch: PNP switching

Electrical connection: Male connect M8, 4 pole

Indication: LED

Protection type IP: IP 40

with: fixed hysteresis

Inputs/outputs: 2 digital

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