

Basic Ejector

SBP-C 25 S03 VS-T

Part no.:10.02.01.00986

<https://www.schmalz.com/10.02.01.00986>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Basic Ejectors > Basic Ejectors SBP-C with Additional Functions > SBP-C 25 S03 VS-T

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



Nozzle diameter: 2.5 mm

Degree of evacuation: 85 %

Connection: Hose D8(1)-D10(2)

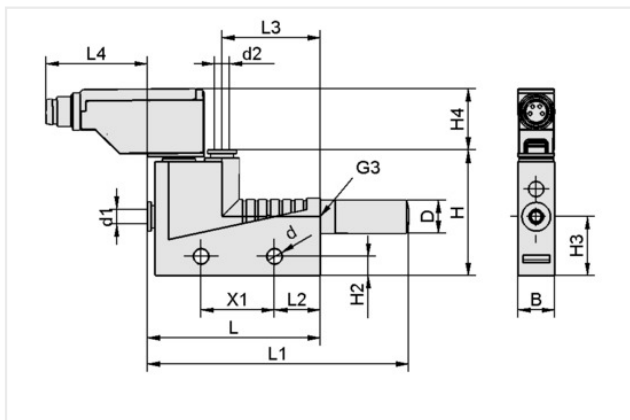
Pressure optimal: 4.5 bar

Suction rate (max.): 215 l/min

Air consumption suction: 311 l/min

Function: electronic vacuum switch

Design Data



Attribute	Value
B	20 mm
d	4.20 mm
d1	8 mm
d2	10 mm
D	20 mm
G3	G3/8"-F
H	62 mm
H2	5.20 mm
H3	18 mm
H4	21 mm
L	92 mm
L1	168 mm
L2	54 mm
L3	62 mm
L4	25.20 mm
X1	20 mm

Technical Data

Attribute	Value
Nozzle diameter	2.50 mm
Degree of evacuation	85 %

Contact Schmalz

Schmalz GmbH | Commerz Park West 1, 4061 Pasching, Austria | +43 7229 24 24 4 | schmalz@schmalz.at

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Suction rate (max.)	12.90 m³/h
Suction rate (max.)	215 l/min
Air consumption suction	18.70 m³/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
Weight	145 g
Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0
Pressure optimal	65.20 psi
Suction rate (max.)	7.59 cfm
Air consumption suction	10.98 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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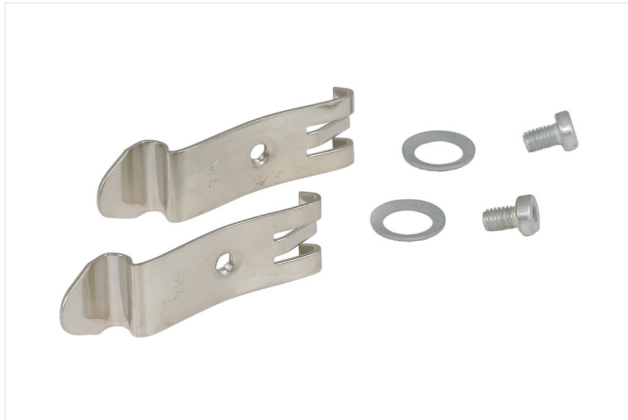
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SET SBP M4-IG

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 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

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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