

Basic Ejector

SBP-C 15 S02 NO A VS-T

Part no.:10.02.01.00994

<https://www.schmalz.com/10.02.01.00994>

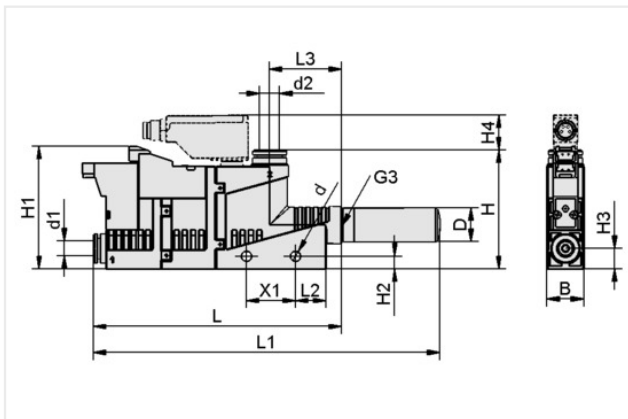
Home > Basic Ejectors SBP-C with Additional Functions > SBP-C 15 S02 NO A VS-T

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



Nozzle diameter: 1.5 mm
Degree of evacuation: 85 %
Connection: Hose D6(1)-D8(2)
Pressure optimal: 5 bar
Suction rate (max.): 71 l/min
Air consumption suction: 118 l/min
Control valve: Normally open
construction shape compact ejectors: Blow-off function
Function: electronic vacuum switch

Design Data



Attribute	Value
B	15 mm
d	4.20 mm
d1	6 mm
d2	8 mm
D	13.50 mm
G3	G1/8"-F
H	49 mm
H1	50 mm
H2	5.20 mm
H3	8.50 mm
H4	14.20 mm
L	101.50 mm
L1	141.50 mm
L2	19 mm
L3	29.50 mm
X1	20 mm

Technical Data

Attribute	Value
Nozzle diameter	1.50 mm
Degree of evacuation	85 %

Contact Schmalz

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Suction rate (max.)	4.30 m³/h
Suction rate (max.)	71 l/min
Air consumption suction	7.10 m³/h
Air consumption suction	118 l/min
Sound level free	72 dB(A)
Sound level suction	65 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar
Pressure optimal	5 bar
Recomm. internal hose diameter compressed air	4 mm
Recomm. internal hose diameter vacuum	6 mm
Weight	140 g
Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0
Pressure optimal	72.50 psi
Suction rate (max.)	2.51 cfm
Air consumption suction	4.17 cfm
Air consumption blow off	1.06 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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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 80

Part no.:10.07.01.00119

Connection: G1/4"-F

Shape: Short filter insert

Nominal flow rate: 110 l/min

Nominal flow rate: 6.6 m³/h

Filter pore size: 80 µm

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



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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