Basic Ejector

SBP-C 10 S02 NO A VS-T

Part no..:10.02.01.00993

https://www.schmalz.com/10.02.01.00993

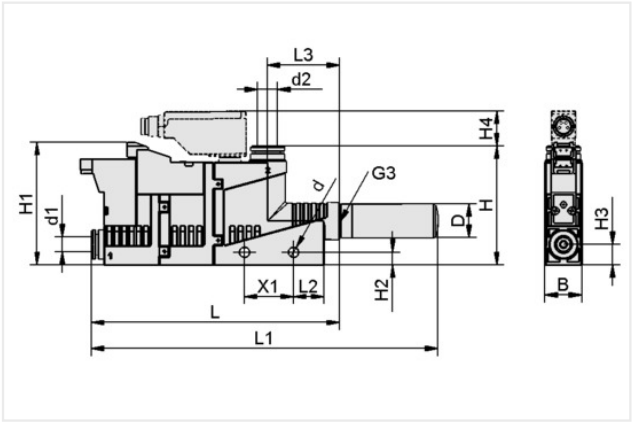
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Basic Ejectors > Basic Ejectors SBP-C with Additional Functions > SBP-C 10 S02 NO A VS-T

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



- Nozzle diameter: 1 mm
- Degree of evacuation: 85 %
- Connection: Hose D6(1)-D8(2)
- Pressure optimal: 4.5 bar
- Suction rate (max.): 35 l/min
- Air consumption suction: 48 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	12.50 mm
L3	29.50 mm
X1	20 mm

Technical Data

Attribute	Value
Nozzle diameter	1 mm
Degree of evacuation	85 %

Contact Schmalz

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

Basic Ejector

SBP-C 10 S02 NO A VS-T

Part no..:10.02.01.00993

https://www.schmalz.com/10.02.01.00993

Suction rate (max.)	2.10 m³/h
Suction rate (max.)	35 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
Weight	140 g
Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0
Pressure optimal	65.20 psi
Suction rate (max.)	1.24 cfm
Air consumption suction	1.70 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

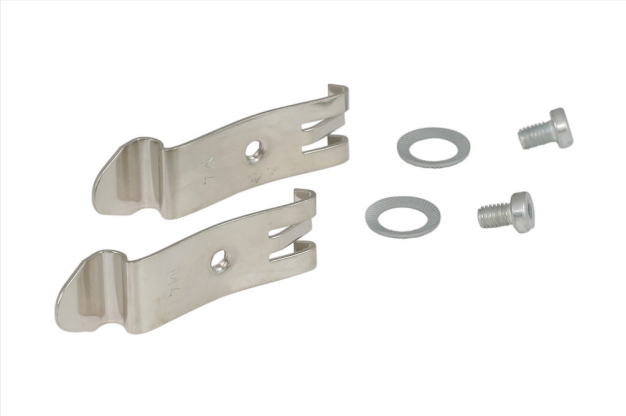
Accessories



BEF-PL 110x44.5x3 SBP

Part no..:10.02.01.00511

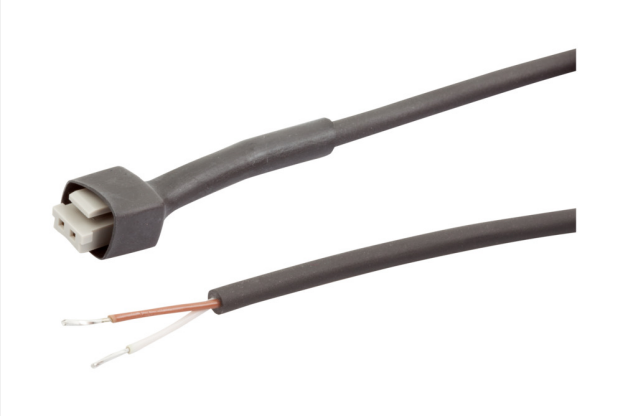
Length L: 110 mm
Width B: 44.5 mm
Height H: 3 mm
Construction use: Basic ejector SBP



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



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



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

Basic Ejector

SBP-C 10 S02 NO A VS-T

Part no..:10.02.01.00993

https://www.schmalz.com/10.02.01.00993



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



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