

Basic Ejector

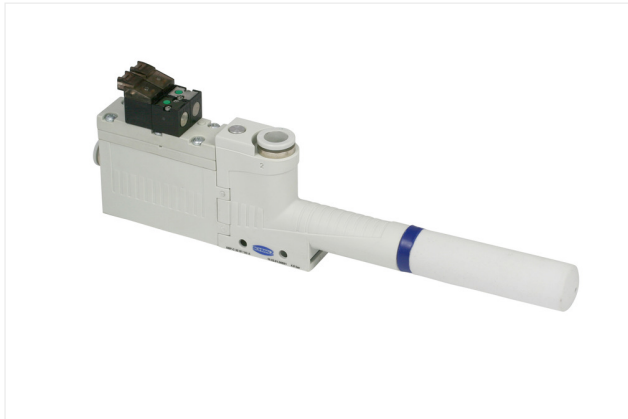
SBP-C 20 S03 NO A

Part no...:10.02.01.00591

<https://www.schmalz.com/10.02.01.00591>

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



Nozzle diameter: 2 mm

Degree of evacuation: 85 %

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

Pressure optimal: 4,5 bar

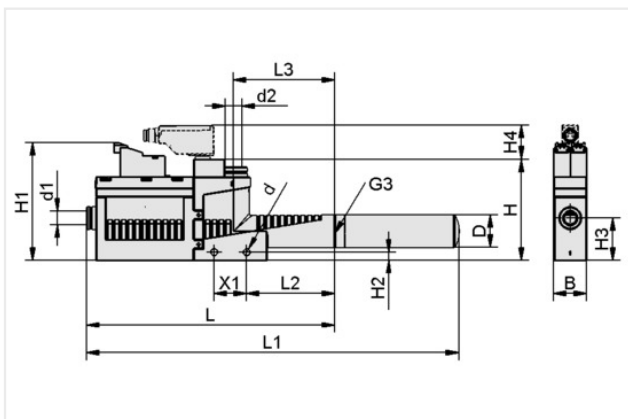
Suction rate (max.): 123 l/min

Air consumption suction: 208 l/min

Control valve: Normally open

construction shape compact ejectors: Blow-off function

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	57,50 mm
H1	72 mm
H2	5,20 mm
H3	26 mm
L	152 mm
L1	228 mm
L2	54 mm
L3	62 mm
X1	20 mm

Technical Data

Attribute	Value
Nozzle diameter	2 mm
Degree of evacuation	85 %
Suction rate (max.)	7,40 m³/h

Contact Schmalz

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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	146 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
Air consumption blow off	3,18 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



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

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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