# Basic Ejector

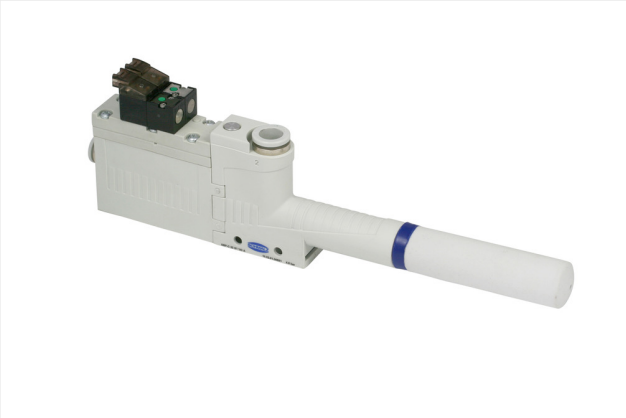
SBP-C 20 S03 NO A

Part no..:10.02.01.00591

https://www.schmalz.com/10.02.01.00591

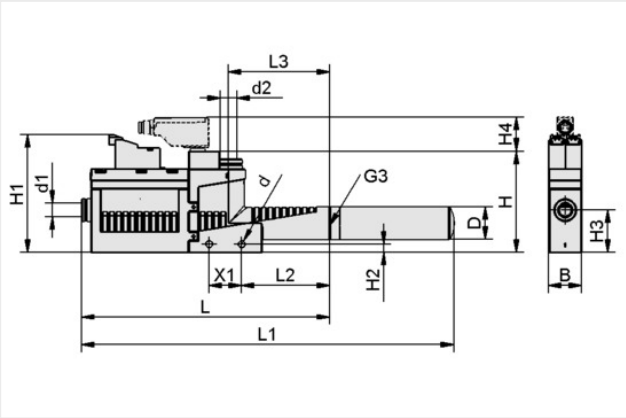
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## Basic ejector "BASE PUMP-controlled" with very light construction



- 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 % |


Contact Schmalz

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| | |
|---|---|
| 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 | 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

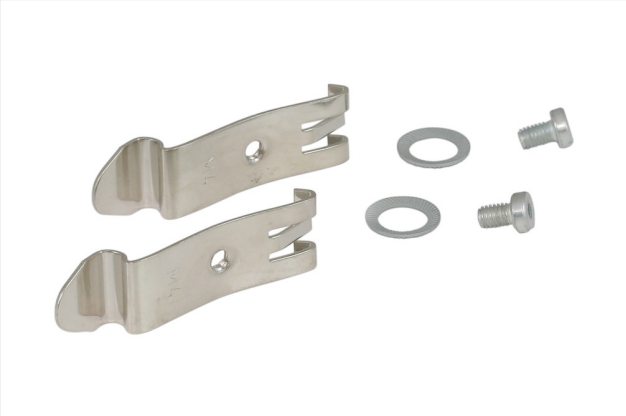
| |
|---|
| Length L: 110 mm |
| Width B: 44.5 mm |
| Height H: 3 mm |
| Construction use: Basic ejector SBP |

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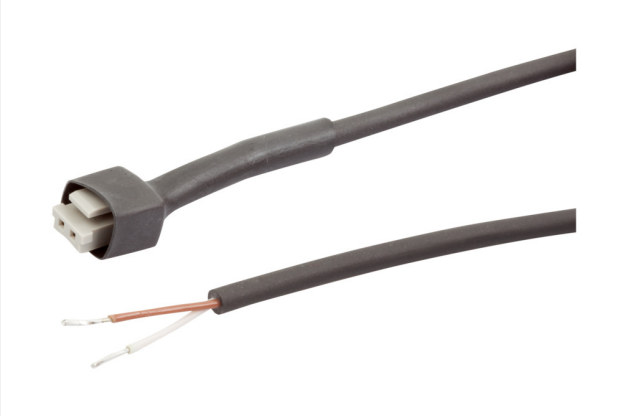
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**SET SBP M4-IG**

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 |