

# Basic ejector

## SBP-C 10 G02 NO A

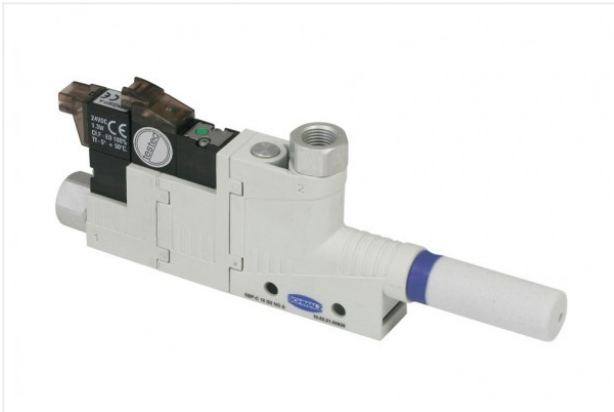
<https://www.schmalz.com/10.02.01.00625>



Part no.: 10.02.01.00625

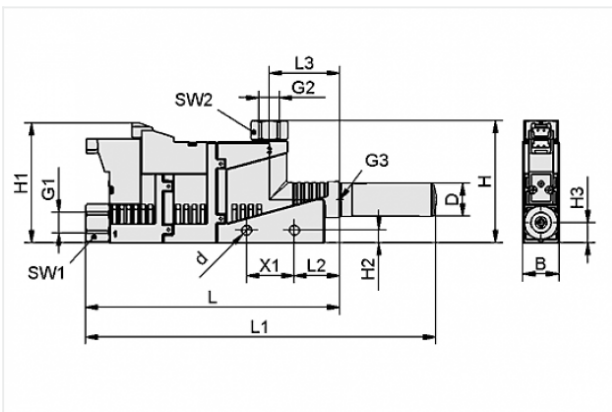
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### Basic ejector BASE PUMP-controlled with very light construction



Nozzle size: 1,0 mm  
 Connection: G1/8(1)-G1/8(2)  
 Pressure optimal: 4.5 bar  
 Suction rate (max): 35 l/min  
 Air consumption (during evac.): 48 l/min  
 Control: Normally open  
 Shape: Blow-off function

### Design Data



Attribute	Value
B	15 mm
d	4.2 mm
D	13.5 mm
G1	G1/8"-F
G2	G1/8"-F
G3	G1/8"-F
H	51 mm
H1	50 mm
H2	5.2 mm
H3	8.5 mm
L	106 mm
L1	146 mm
L2	19 mm

### Contact to Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Straße, 72293 Glatten, Deutschland | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

Attribute	Value
L3	29.5 mm
SW1	14 mm
SW2	14 mm
X1	20 mm

## Technical Data

Attribute	Value
Nozzle diameter	1 mm
Degree of evacuation	85 %
Suction rate (max)	2.1 m <sup>3</sup> /h
Suction rate (max)	35 l/min
Air consumption (during evac.)	2.9 m <sup>3</sup> /h
Air consumption (during evac.)	48 l/min
Noise level (free)	65 dB
Noise level (workp. gripped)	59 dB
Pressure range (operating pressure)	3.0 ... 6.0 bar
Pressure optimal	4.5 bar
Int. hose diameter (recom.) comp.-air	4 mm
Int. hose diameter (recom.) vacuum side	6 mm
Weight	70 g
Ambient temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0 psi
Pressure optimal	65.2 psi
Suction rate (max)	1.235 cfm
Air consumption (during evac.)	1.695 cfm

### Contact to Schmalz

Attribute	Value
Air consumption (blow off)	1.059 cfm

**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

**Spare Parts**



**SD G1/8-AG 14x40**

Part no. 10.02.01.00540  
 Silencer for vacuum generators  
 Thread G1: G1/8-M  
 External diameter D: 14 mm  
 Length L: 40 mm

**Accessories**



**BEF-PL 111.1x45x3 SBP**

Part no. 10.02.01.00511  
 Mounting plate  
 Length L: 111.1 mm  
 Width B: 45 mm  
 Height H: 3 mm  
 for: Basic ejectors SBP



**SET SBP M4-IG**

Part no. 10.02.01.00769

Mounting set

for: Basic ejectors SBP

Type: M4-IG



**ASK B-MIC10 3000 K-2P**

Part no. 21.04.06.00086

Connection cable

Interface Connection cable:

Connect. 10mm

Cable length: 3000 mm

Interface Connection cable: Cable 2

Material: PUR-Cable