

## Mini compact ejector

SCPMb 03 S01 NO AAA

Part no...:10.02.02.05731

<https://www.schmalz.com/10.02.02.05731>

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### Mini-pump, compact ejector with minimum size



Nozzle size: 0.3 mm

Connection: Hose D4(1)-D4(2)

Suction rate (max.): 2 l/min

Air consumption suction: 4 l/min

Sound level free: 51 dB(A)

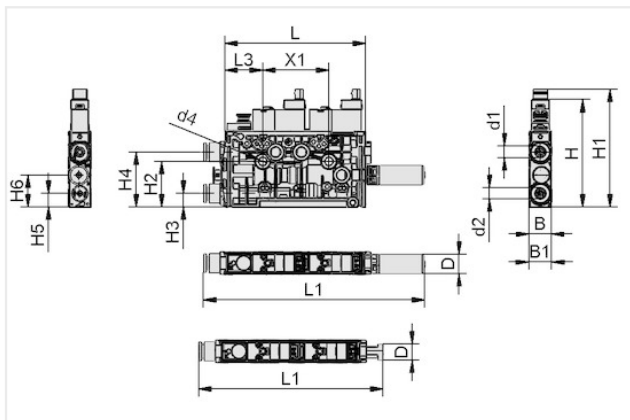
Pressure range (operating pressure): 2.0 ... 6.0 bar

Max. vacuum: 870 mbar

Control valve: Normally open

Protection type IP: IP 40 (with plug)

### Design Data



| Attribute | Value    |
|-----------|----------|
| B         | 12 mm    |
| B1        | 12.50 mm |
| D         | 9 mm     |
| d1        | 4.20 mm  |
| d2        | 4.20 mm  |
| d4        | 4.30 mm  |
| H         | 41.50 mm |
| H1        | 64.20 mm |
| H2        | 24.95 mm |
| H3        | 7.50 mm  |
| H4        | 30 mm    |
| H5        | 7.50 mm  |
| H6        | 17.50 mm |
| L         | 76.50 mm |
| L1        | 95.30 mm |
| L3        | 20.50 mm |
| X1        | 36 mm    |

### Technical Data

Attribute

Value

### Contact Schmalz

Schmalz S.A. | Avda. Ribera de Axpe. 49, P.A.E. UDONDO-Edificio B-Nave 2, 48950 Erandio (Vizcaya), Spain | +34 94 4805585 | [schmalz@schmalz.es](mailto:schmalz@schmalz.es)

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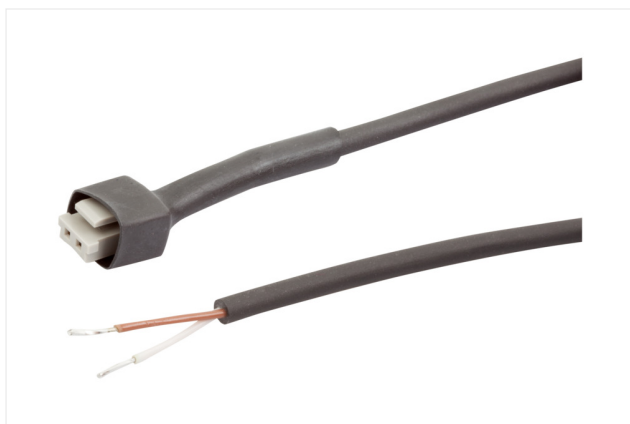
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|                                               |                 |
|-----------------------------------------------|-----------------|
| Nozzle size                                   | 0.30 mm         |
| Control valve                                 | NO              |
| Degree of evacuation                          | 87 %            |
| Suction rate (max.)                           | 2 l/min         |
| Air consumption suction                       | 4 l/min         |
| Max. air consumption blow off                 | 10 l/min        |
| Max. vacuum                                   | 870 mbar        |
| Pressure optimal                              | 4 bar           |
| Pressure range (operating pressure)           | 2.0 ... 6.0 bar |
| Recomm. internal hose diameter compressed air | 2 mm            |
| Recomm. internal hose diameter vacuum         | 2 mm            |
| Operating temperature                         | 0 ... 50 °C     |
| Weight                                        | 74 g            |
| Product family                                | SCPMb           |

### Accessories



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

Part no...:21.04.06.00086

Material hose: PUR cable

Electrical connection: Connect. 10mm



#### SD 10.5x31.7 SCPM

Part no...:10.02.02.05807

External diameter D: 10.5 mm

Length L: 31.7 mm

Construction use: SCPM

### Contact Schmalz

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### ABL-SET SCPMi/c/b

Part no...:10.02.02.06080

Construction use: SCPMi/c/b



### SET SCPM MOUNT1

Part no...:10.02.02.05805

Thread G1: M4-M

Length L: 50 mm

Construction use: SCPM



### BEF-WIN 15x50x36.1 1.5 SCPM

Part no...:10.02.02.05824

Length L: 36.1 mm

Construction use: SCPM

## Contact Schmalz

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### STV-GE M5-AG 4

Part no...:10.08.02.00468

Thread G1: M5-M

Hose diameter: 4 mm

Material: Brass

Operating temperature: °C

External diameter D: 7.9 mm

Length L: 15 mm



### STV-GE M7-AG 6

Part no...:10.08.02.00469

Thread G1: M7-M

Hose diameter: 6 mm

Material: Brass

Operating temperature: °C

External diameter D: 9.9 mm

Length L: 18.5 mm



### ADP-G M5-IG 10.8x6 SCPMi/c/b

Part no...:10.02.02.05778

External diameter D: 10.8 mm

Thread G1: M5-F

Length L: 6 mm

Construction use: SCPMi/c/b

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### ADP-G M5-IG 10.5x8.6 SCPMi/c/b

Part no...:10.02.02.05643

External diameter D: 10.5 mm

Thread G1: M5-F

Length L: 8.6 mm

Construction use: SCPMi/c/b

## Spare parts



### SD-EINS 6.4x21.8 SCPMi/c/b

Part no...:10.02.02.05403

Construction use: Mini compact ejector SCPMi/c/b

External diameter D: 6.4 mm

Length L: 21.8 mm