

Art.-Nr.: 10.02.02.06531

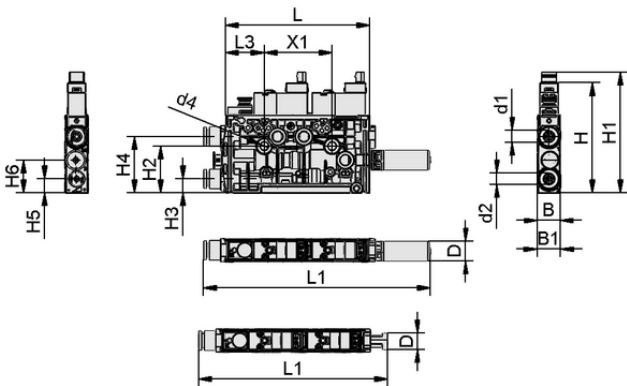


SCPMb 12 S04 NO EAN

Compact ejector SCPM is delivered as a ready-to-connect product (without connection cable).

Available spare parts: silencer, filter element

Available accessories: connection cable, connection plug



Design data SCPMb 12 S04 NO EAN

## Technical data

| Attribute                                 | Value            |
|-------------------------------------------|------------------|
| Protection type IP                        | IP 40            |
| Max. vacuum                               | 920 mbar         |
| Sound pressure level free                 | 76.0 dB(A)       |
| Air consumption suction                   | 51.0 l/min       |
| Suction rate (max.)                       | 30.0 l/min       |
| Connection                                | Hose D6(1)-D6(2) |
| Pressure range (operating pressure) [bar] | 3.5 ... 6.0 bar  |
| Control valve                             | Normally open    |

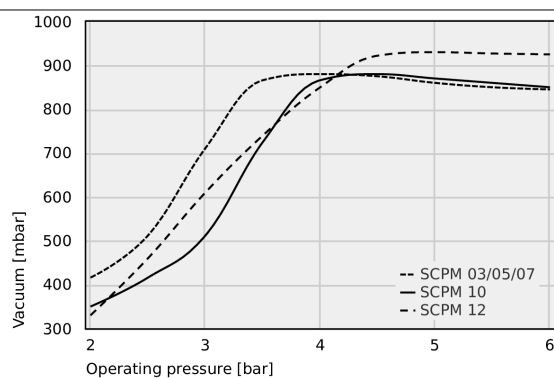
## Design data

| Attribute            | Value     |
|----------------------|-----------|
| Length L1            | 120.50 mm |
| Length L             | 76.50 mm  |
| Width B1             | 12.50 mm  |
| Width B              | 12.00 mm  |
| Height H1            | 64.20 mm  |
| Height H2            | 24.95 mm  |
| Height H             | 65.30 mm  |
| Outside diameter D   | 10.50 mm  |
| Internal diameter d1 | 6.2 mm    |
| d2                   | 6.2 mm    |

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**Technical data**

| Attribute                                         | Value           |
|---------------------------------------------------|-----------------|
| Control valve                                     | NO              |
| Recommended hose internal diameter compressed air | 4.0 mm          |
| Recommended hose internal diameter vacuum         | 4.0 mm          |
| Degree of evacuation                              | 92.0 %          |
| Max. vacuum                                       | 920 mbar        |
| Weight                                            | 74.0 g          |
| Max. air consumption blow-off                     | 10.0 l/min      |
| Air consumption suction                           | 51.0 l/min      |
| Suction rate (max.)                               | 30.0 l/min      |
| Optimal operating pressure                        | 4.50 bar        |
| Pressure range (operating pressure) [bar]         | 3.5 ... 6.0 bar |
| Operating temperature                             | 0 ... 50 °C     |
| Product family                                    | SCPMb           |

**Performance data**

Achievable vacuum at various operating pressures

**Achievable vacuum at various operating pressures**

| Typ           | 2   | 2.5 | 3.0 | 3.5 | 4   | 4.5 | 5   | 5.5 | 6   |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| SCPM 03/05/07 | 416 | 512 | 711 | 866 | 880 | 875 | 860 | 850 | 845 |
| SCPM 10       | 350 | 416 | 512 | 725 | 866 | 880 | 870 | 860 | 850 |
| SCPM 12       | 330 | 460 | 610 | 740 | 850 | 922 | 930 | 927 | 925 |



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**Further documentation**CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.02.02.06531](http://www.schmalz.com/10.02.02.06531)**Ordering Data Accessories 10.02.02.06531**

| Typ                   |                                | Item number    |
|-----------------------|--------------------------------|----------------|
| Connection cable      | ASK B-MIC10 3000 K-2P          | 21.04.06.00086 |
| Silencer (round)      | SD 10.5x31.7 SCPM              | 10.02.02.05807 |
| Exhaust air set       | ABL-SET SCPMi/c/b              | 10.02.02.06080 |
| Mounting set          | SET SCPM MOUNT1                | 10.02.02.05805 |
| Mounting bracket      | BEF-WIN 15x50x36.1 1.5 SCPM    | 10.02.02.05824 |
| Plug union, straight  | STV-GE M5-AG 4                 | 10.08.02.00468 |
| Plug union, straight  | STV-GE M7-AG 6                 | 10.08.02.00469 |
| Thread adapter (inst) | ADP-G M7-IG 10.8x7.9 SCPMi/c/b | 10.02.02.05522 |
| Thread adapter (inst) | ADP-G M5-IG 10.5x8.6 SCPMi/c/b | 10.02.02.05643 |

**Ordering Data Spare Parts 10.02.02.06531**

| Typ                          |               | Item number    |
|------------------------------|---------------|----------------|
| Set of wearing parts ejector | VST SCPMi/c/b | 10.02.02.06536 |

