

# Compact ejector

## SCP 20 NO AS VE

Part no.: 10.02.02.00625

<https://www.schmalz.com/10.02.02.00625>



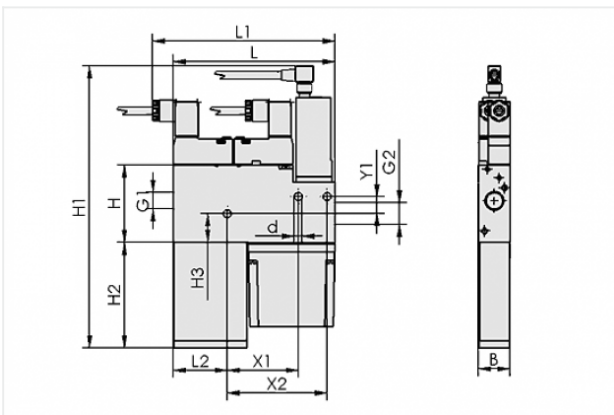
Homepage > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Compact Ejectors > Compact Ejectors SCP / SMP > SCP 20 NO AS VE

### Compact ejector with integrated functions



Nozzle size: 2,0 mm  
 Suction rate (max): 116 l/min  
 Air consumption (during evac.): 190 l/min  
 Control: Normally open  
 Shape: With blow-off system with: electronic vacuum switch

### Design Data



| Attribute | Value    |
|-----------|----------|
| B         | 22 mm    |
| d         | 5.5 mm   |
| G1        | G1/4"-F  |
| G2        | G3/8"-F  |
| H         | 54 mm    |
| H1        | 167 mm   |
| H2        | 58.5 mm  |
| H3        | 20.1 mm  |
| L         | 112.5 mm |
| L1        | 127 mm   |
| L2        | 37.5 mm  |
| X1        | 49.5 mm  |
| X2        | 69.5 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 |
|-----------|-------|
| Y1        | 12 mm |

## Technical Data

| Attribute                               | Value                  |
|---|------------------------|
| Nozzle diameter                         | 2 mm                   |
| Degree of evacuation                    | 85 %                   |
| Suction rate (max)                      | 116 l/min              |
| Suction rate (max)                      | 7 m <sup>3</sup> /h    |
| Air consumption (during evac.)          | 190 l/min              |
| Air consumption (during evac.)          | 11.4 m <sup>3</sup> /h |
| Air consumption (blow off) (max)        | 200 l/min              |
| Noise level (workp. gripped)            | 76 dB                  |
| Noise level (free)                      | 78 dB                  |
| Pressure range (operating pressure)     | 5.0 ... 6.0 bar        |
| Int. hose diameter (recom.) comp.-air   | 4 mm                   |
| Int. hose diameter (recom.) vacuum side | 9 mm                   |
| Weight                                  | 0.465 kg               |
| Ambient temperature                     | 0 ... 45 °C            |
| Control                                 | Normally open          |
| Pressure range (operating pressure)     | 72.5 ... 87.0 psi      |
| Suction rate (max)                      | 4.096 cfm              |
| Air consumption (during evac.)          | 6.709 cfm              |
| Air consumption (blow off)              | 7.062 cfm              |
| Product family                          | SCP                    |

### Note:

### Contact to Schmalz

- The supply voltage for vacuum switches and solenoid valves is 24V DC
- Air consumption: At optimal operating pressure
- Hose diameter: For max. length 2 m

## Spare Parts



### **SD 50.5x21x53.5 SMP15/20**

Part no. 10.02.02.00651  
Silencer for vacuum generators  
Length L: 50.5 mm  
Width B: 21 mm  
Height H: 53.5 mm  
for: Compact ejectors SMP

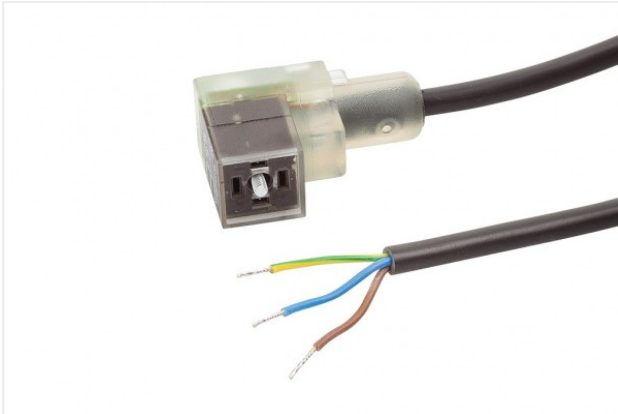


### **FILT-EINS 14x49 PE-POR SCP-SMP**

Part no. 10.02.02.00654  
Filter insert (round)  
External diameter D: 14 mm  
Length L: 49 mm  
Filter material: Polyethylene  
for: Compact ejectors

## Accessories

### Contact to Schmalz



**ASK B-Form-C 5000 K-3P**

Part no. 21.04.06.00084

Connection cable

Interface Connection 1:

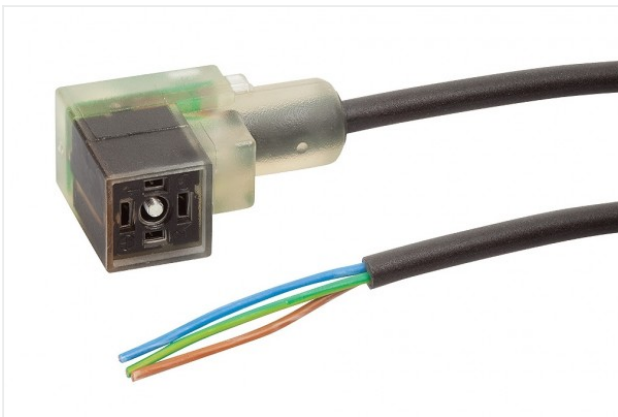
Fem connect Form C

Cable length: 5000 mm

Interface Connection 2: Cable 3

Material: PVC-Cable

Shape: LED display



**ASK 10000 K-3P**

Part no. 21.04.06.00118

Connection cable

Cable length: 10000 mm

Interface Connection 2: Cable 3

Material: PUR-Cable

Shape: LED display



**ASS B-C SK**

Part no. 21.04.06.00085

Connection plug

Interface Connection 1:

Socket DIN 175301-803A

Electrical connection: Screw contact



**ASK B-M8-4 5000 K-4P**

Part no. 10.06.02.00031

Connection cable

Interface Connection cable:

Fem connect M8, 4 pol

Cable length: 5000 mm

Interface Connection cable: Cable 4

Material: PUR-Cable



**ASK WB-M8-4 5000 K-4P**

Part no. 10.06.02.00032

Connection cable

Interface Connection cable:

Elbow fem con M8, 4 pol

Cable length: 5000 mm

Interface Connection cable: Cable 4

Material: PUR-Cable