

Compact ejector

SEM-C 50 SDA NC AS VD

<https://www.schmalz.com/10.02.02.03208>



Part no.: 10.02.02.03208

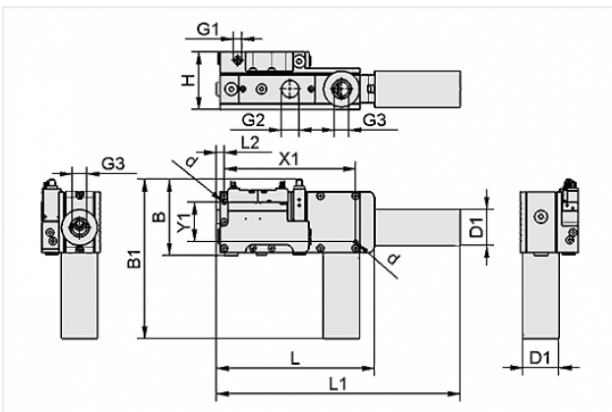
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Multi-stage ejector (controllable) with high suction capacity



Size: 50
 with: Axial silencer
 Suction rate (max): 554 l/min
 Air consumption (during evac.):
 190 l/min
 Vacuum (max): -850 mbar
 Control: Normally closed
 Shape: With blow-off system
 with: digital vacuum switch

Design Data



| Attribute | Value |
|-----------|----------|
| B | 116.5 mm |
| B1 | 232 mm |
| d | 5.5 mm |
| D1 | 50 mm |
| G1 | G1/4"-F |
| G2 | G3/4"-F |
| G3 | G3/4"-F |
| H | 80 mm |
| L | 219.5 mm |
| L1 | 339.5 mm |
| L2 | 10.5 mm |
| X1 | 183 mm |
| Y1 | 55 mm |

Contact to Schmalz

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Technical Data

| Attribute | Value |
|---|------------------------|
| Size | 50 |
| Degree of evacuation | 86 % |
| Suction rate (max) | 33.2 m ³ /h |
| Suction rate (max) | 554 l/min |
| Air consumption (during evac.) | 11.4 m ³ /h |
| Air consumption (during evac.) | 190 l/min |
| Noise level (workp. gripped) | 60 dB |
| Noise level (free) | 83.6 dB |
| Pressure optimal | 5 bar |
| Int. hose diameter (recom.) comp.-air | 6 mm |
| Int. hose diameter (recom.) vacuum side | 25 mm |
| Weight | 1.95 kg |
| Ambient temperature | 0 ... 50 °C |
| Pressure optimal | 72.5 psi |
| Suction rate (max) | 19.563 cfm |
| Air consumption (during evac.) | 6.709 cfm |
| Vacuum (max) | -25.1 inHg |
| Product family | SEM-C |

Note:

- Air consumption: At optimal operating pressure
- Hose diameter: For max. length 2 m

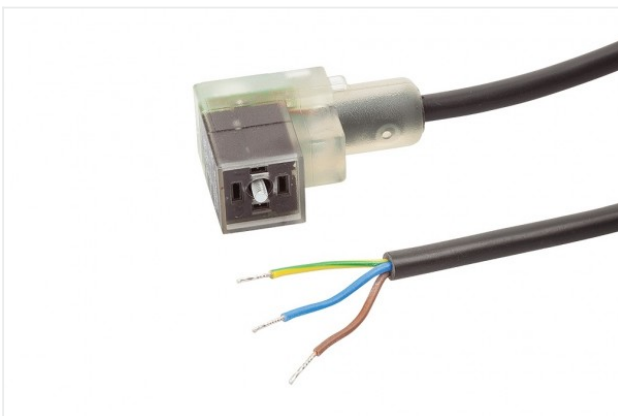
Spare Parts



SD G3/4-AG 50x120 SEM

Part no. 10.02.01.00312
Silencer for vacuum generators
Thread 1: G3/4-M
External diameter: 50 mm
Length: 120 mm
for: Multi-stage ejectors

Accessories



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



ASV SMP/SCP-20-30-NC K

Part no. 10.02.02.01287
Connection distributor
for: Ejector SMP/SCP 20-30 NC
Connection 1: 2xCon.DIN175301-803A/M8
Connection 2: Cable
Length L: 5425 mm



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