

Compact ejector

SEM-C 50 SDA NO AS VD

<https://www.schmalz.com/10.02.02.03057>



Part no.: 10.02.02.03057

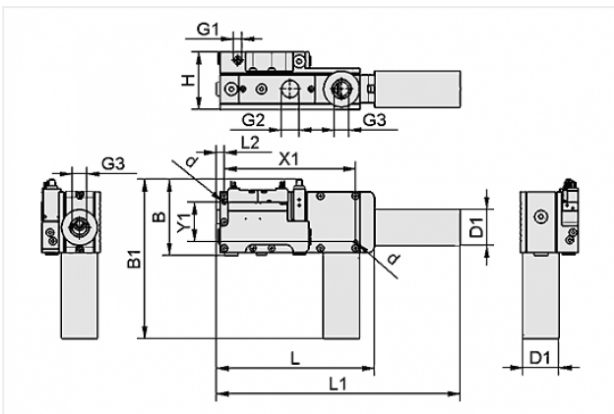
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Multi-stage ejector (controllable) with high suction capacity



Size: 50
 with: Axial silencer
 Suction rate (max): 554 l/min
 Air consumption (during evac.):
 190 l/min
 Vacuum (max): -850 mbar
 Control: Normally open
 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

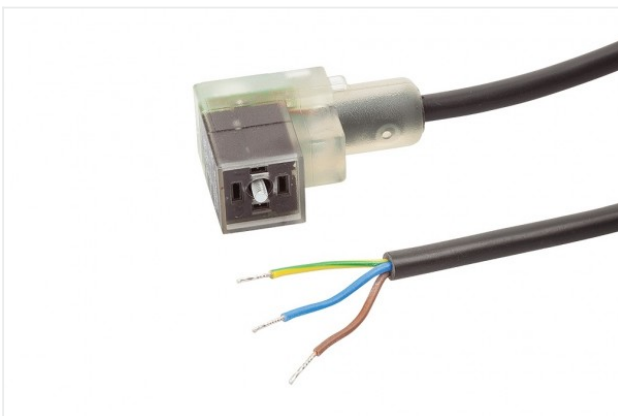
Spare Parts



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-NO K

Part no. 10.02.02.01291
Connection distributor
for: Ejector SMP/SCP 20-30 NO
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