

Mini compact ejector

SCPMi 05 S01 NC M8-6 ABN

Part no.:10.02.02.05755

<https://www.schmalz.com/10.02.02.05755>

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Mini Compact Ejector with minimum size



Nozzle size: 0.5 mm

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

Suction rate (max.): 7.5 l/min

Air consumption suction: 9 l/min

Sound level free: 66 dB(A)

Pressure range (operating pressure): 3.5 ... 6.0 bar

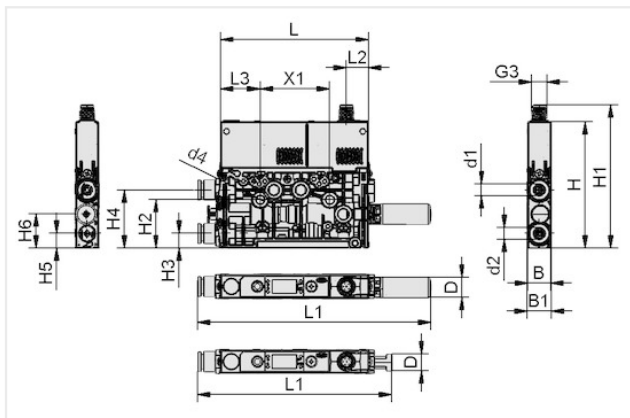
Max. vacuum: 870 mbar

Electrical connection: Male connect M8, 6 pole

Control valve: Normally closed

Protection type IP: IP 40

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
G3	M8x1-M
H	65.30 mm
H1	73.90 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
L2	11.40 mm
L3	20.50 mm
X1	36 mm

Contact Schmalz

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Technical Data

Attribute	Value
Nozzle size	0.50 mm
Control valve	NC
Electrical connection	M8-6
Degree of evacuation	87 %
Suction rate (max.)	7.50 l/min
Air consumption suction	9 l/min
Max. air consumption blow off	10 l/min
Max. vacuum	870 mbar
Pressure optimal	4 bar
Pressure range (operating pressure)	3.5 ... 6.0 bar
Recomm. internal hose diameter compressed air	2 mm
Recomm. internal hose diameter vacuum	2 mm
Operating temperature	0 ... 50 °C
Weight	84 g
Product family	SCPMi

Accessories



ASK WB-M8-6 2000 K-6P

Part no.:21.04.05.00488

Cable length: 2,000 mm

Material hose: PUR cable

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ASK WB-M8-6 2000 S-M12-5

Part no.:21.04.05.00489

Cable length: 2,000 mm

Material hose: PUR cable



ASK B-M8-6 5000 K-6P

Part no.:21.04.05.00255

Electrical connection: Fem connect M8, 6 pol

Cable length: 5,000 mm

Material hose: PUR cable



ASV SCPMi B-M8-6 2xS-M12-4

Part no.:10.02.02.05602

Electrical connection: Fem connect M8, 6 pol

Length L: 1,000 mm

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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



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

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BEF-WIN 15x50x36.1 1.5 SCPM

Part no...:10.02.02.05824

Length L: 36.1 mm

Construction use: SCPM



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

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ADP-G M7-IG 10.8x7.9 SCPMi/c/b

Part no...:10.02.02.05522

External diameter D: 10.8 mm

Thread G1: M7-F

Length L: 7.9 mm

Construction use: SCPMi/c/b



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

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