

Compact ejector

SCPS-L HV 3-20 NC M12-5 PNP

Part no.: 10.02.02.06056

<https://www.schmalz.co.jp/10.02.02.06056>

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Compact ejector with multi-stage nozzle and highest suction capacity



Shape: High Vacuum

Nozzle size: 3-20

Suction rate (max.): 323 l/min

Air consumption suction: 172 l/min

Sound level free: 81 dB(A)

Pressure range (operating pressure): 4.0 ... 6.0 bar

Control valve: Normally closed

Electrical connection: Male connect M12, 5 pol

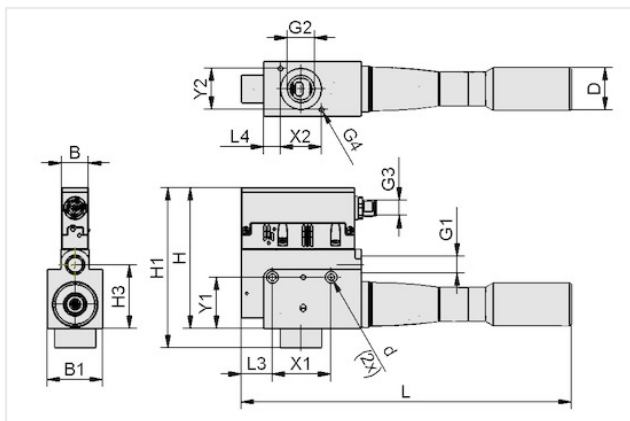
Electrical connection: M12-5

Connection: G1/4"

Construction shape vacuum switch: PNP switching

Protection type IP: IP 65 (with plug)

Design Data



Attribute	Value
B	17.60 mm
B1	37.50 mm
D	29 mm
d	4.50 mm
G1	G1/4"-F
G2	G1/2"-F
G3	M12x1-M
G4	M4-F
H	95.75 mm
H1	109 mm
H3	56.50 mm
L	230 mm
L3	21 mm
L4	11.50 mm
X1	40 mm
X2	28 mm
Y1	35 mm
Y2	28 mm

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

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Technical Data

Attribute	Value
Degree of evacuation	90 %
Suction rate (max.)	323 l/min
Air consumption suction	172 l/min
Air consumption suction	10.30 m³/h
Max. air consumption blow off	257 l/min
Nozzle size	3-20
Nozzle diameter	2 mm
Control valve	Normally closed
Electrical connection	Male connect M12, 5 pol
Construction shape vacuum switch	PNP switching
Recomm. internal hose diameter compressed air	6 mm
Recomm. internal hose diameter vacuum	14 mm
Pressure range (operating pressure)	4.0 ... 6.0 bar
Operating temperature	0 ... 50 ° C
Protection type IP	IP 65 (with plug)
Weight	460 g
Product family	SCPS-L

Accessories



ASK B-M12-5 5000 K-5P

Part no.: 21.04.05.00080

Electrical connection: Fem connect M12, 5 pol

Cable length: 5,000 mm

Material hose: PUR cable

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ASK B-M12-5 2000 S-M12-5

Part no.: 21.04.05.00211

Pressure range (operating pressure): bar

Electrical connection: Fem connect M12, 5 pol

Cable length: 2,000 mm

Material hose: PUR cable



SD 29x70 SHC 22

Part no.: 10.02.01.01517

External diameter D: 29 mm

Length L: 70 mm

Construction use: Schmalz Holder Cap

Size: 22



SD 29x121.5 SHC

Part no.: 10.02.01.01831

External diameter D: 29 mm

Length L: 121.5 mm

Construction use: Schmalz Holder Cap

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ST G1/2-AG 13 MS-V

Part no.: 10.08.03.00162

Thread G1: G1/2"-M

Hose diameter (rec.) d: 13 mm

Material: Brass

Surface: nickel plated

Length L: 6 mm

Nominal diameter dn: 11 mm

Spare parts



SHC 3 22

Part no.: 10.02.01.01810

Pressure range (operating pressure): bar

Hole diameter: 22 mm

Number of stages: 3

External diameter D: 20 mm

Thread G1: M27x1.5-M



SD 29x70 SHC 22

Part no.: 10.02.01.01517

External diameter D: 29 mm

Length L: 70 mm

Construction use: Schmalz Holder Cap

Size: 22

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SD 29x121.5 SHC

Part no.: 10.02.01.01831

External diameter D: 29 mm

Length L: 121.5 mm

Construction use: Schmalz Holder Cap