

Compact ejector

SCPSi-L HV 3-16 NO M12-5

Part no...:10.02.02.06052

<https://www.schmalz.com/10.02.02.06052>

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Compact ejector with multi-stage nozzle and IO-Link function with highest suction capacity



Shape: High Vacuum

Nozzle size: 3-16

Suction rate (max.): 227 l/min

Air consumption suction: 102 l/min

Sound level free: 80 dB(A)

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

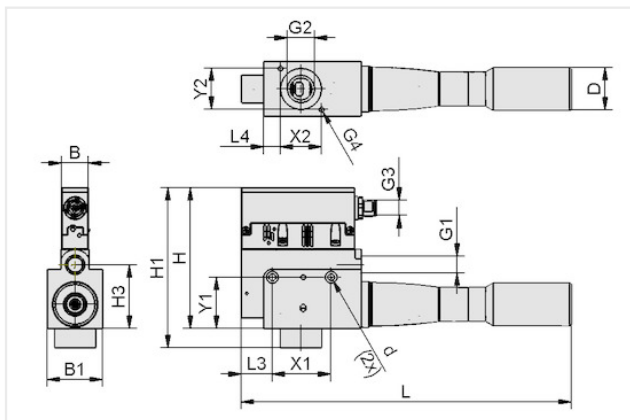
Control valve: Normally open

Electrical connection: Male connect M12, 5 pol

Electrical connection: M12-5

Protection type IP: IP 65 (with plug)

Design Data



Attribute	Value
B	18 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	224.50 mm
L3	21 mm
L4	11.50 mm
X1	40 mm
X2	28 mm
Y1	35 mm
Y2	28 mm

Technical Data

Contact Schmalz

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Attribute	Value
Degree of evacuation	90 %
Suction rate (max.)	227 l/min
Air consumption suction	102 l/min
Air consumption suction	6.10 m³/h
Max. air consumption blow off	257 l/min
Nozzle size	3-16
Nozzle diameter	1.60 mm
Control valve	Normally open
Electrical connection	Male connect M12, 5 pol
Recomm. internal hose diameter compressed air	6 mm
Recomm. internal hose diameter vacuum	12 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	SCPSi-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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STV-GE G1/2-AG 14

Part no.:10.08.02.00300

Thread G1: G1/2"-M

Hose diameter: 14 mm

Material: Brass

Operating temperature: °C

External diameter D: 21.5 mm

Length L: 25 mm



VFT G1/2-IG 100

Part no.:10.07.01.00126

Connection: G1/2"-F

Shape: Long filter insert

Nominal flow rate: 320 l/min

Nominal flow rate: 19.2 m³/h

Filter pore size: 100 µm

Spare parts



SEP HV 3 16 22

Numero articolo.:10.02.01.01397

Shape: High Vacuum

Number of stages: 3

Nozzle size: 1.6 mm

Hole diameter: 22 mm

Degree of evacuation: 90 %

Pressure range (operating pressure): 2.0 ... 6.0 bar

Pressure optimal: 4 bar

Suction rate (max.): 308.8 l/min

Air consumption suction: 103 l/min

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SHC 3 22

Numero articolo.:10.02.01.01514

Number of stages: 3

Hole diameter: 22 mm

External diameter D: 20 mm

Length L: 73 mm

Thread G1: M27x1.5-M



SD 29x70 SHC 22

Numero articolo.:10.02.01.01517

External diameter D: 29 mm

Length L: 70 mm

Construction use: Schmalz Holder Cap

Size: 22



SD 29x121.5 SHC

Numero articolo.:10.02.01.01831

External diameter D: 29 mm

Length L: 121.5 mm

Construction use: Schmalz Holder Cap