

Compact ejector

SCPS 2-14 G02 NO M12-5 PNP

Part no...:10.02.02.04363

<https://www.schmalz.com/10.02.02.04363>

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Compact ejector with integrated air saving control in narrow design



Nozzle size: 2-14

Connection: G1/8"(1)-G1/8"(2)

Electrical connection: Male connect M12, 5 pol

Suction rate (max.): 71.5 l/min

Air consumption suction: 82 l/min

Pressure range (operating pressure): 3.0 ... 6.0 bar

Protection type IP: IP 65 (with plug)

Max. vacuum: -850 mbar

Control valve: Normally open

Function: Digital air-saving function

Construction shape vacuum switch: PNP switching

Design Data

Contact Schmalz

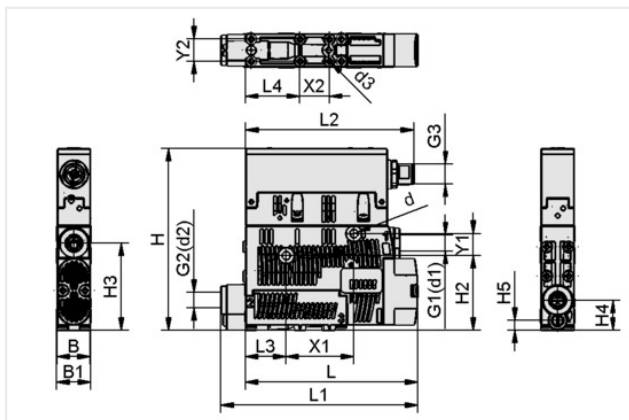
Schmalz Inc. | 5850 Oak Forest Drive, Raleigh, NC 27616, United States | +1 (919) 713-0880 | schmalz.us@schmalz.com

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Attribute	Value
B	18 mm
B1	18.60 mm
d	4.40 mm
d3	2.60 mm
G1	G1/8"-F
G2	G1/8"-F
G3	M12x1-M
H	99 mm
H2	40.80 mm
H3	47.50 mm
H4	16.50 mm
H5	5.50 mm
L	92.50 mm
L1	106 mm
L2	91.50 mm
L3	22 mm
L4	29.50 mm
X1	36.90 mm
X2	16 mm
Y1	12 mm
Y2	12 mm

Technical Data

Attribute	Value
Nozzle size	2-14
Degree of evacuation	85 %
Suction rate (max.)	4.40 m ³ /h
Suction rate (max.)	71.50 l/min
Air consumption suction	5.04 m ³ /h
Air consumption suction	82 l/min
Air consumption blow off	7.20 m ³ /h
Max. air consumption blow off	120 l/min
Sound level free	75 dB(A)
Sound level suction	70 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar
Recomm. internal hose diameter compressed air	4 mm
Recomm. internal hose diameter vacuum	6 mm
Weight	0.20 kg

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Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0
Suction rate (max.)	2.52 cfm
Air consumption suction	2.90 cfm
Air consumption blow off	4.24 cfm
Max. vacuum	-25.10 inHg
Control valve	Normally open
Product family	SCPS

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



ASV SM/CPi B-M12-5 2xS-M12-4

Part no.:10.02.02.03490

Pressure range (operating pressure): bar

Length L: 1,050 mm

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VFI CN6/4 50

Part no...:10.07.01.00241

Connection: Hose 6/4 with Cap nut

Filter pore size: 50 µm



VFI CN8/6 50

Part no...:10.07.01.00245

Connection: Hose 8/6 with Cap nut

Filter pore size: 50 µm



SET SCPS

Part no...:10.02.02.04343

Length L: 113 mm

Width B: 70 mm

Height H: 73 mm

Construction use: Compact ejectors SCPS/SCPSi

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ABL-SET SCPS zweistufig

Part no...:10.02.02.04667

Construction use: Compact ejectors SCPS/SCPSi

Size: zweistufig

Length L: 14 mm

Width B: 18 mm

Weight: 16.3 g



ASK B-M12-5 1000 S-M12-5

Part no...:21.04.05.00158

Pressure range (operating pressure): bar

Electrical connection: Fem connect M12, 5 pol

Cable length: 1,000 mm

Material hose: PUR cable



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

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GP 3 SCPS 07..15 G2

Part no.:10.02.02.04884

Number of connections: 3

Length L: 89.4 mm

Width B: 38 mm

Height H: 34 mm

Weight: 177 g



GP 4 SCPS 07..15 G2

Part no.:10.02.02.04338

Number of connections: 4

Length L: 108 mm

Width B: 38 mm

Height H: 34 mm

Weight: 200.3 g



GP 5 SCPS 07..15 G2

Part no.:10.02.02.04858

Number of connections: 5

Length L: 126.6 mm

Width B: 38 mm

Height H: 34 mm

Weight: 194.3 g

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GP 6 SCPS 07...15 G2

Part no...:10.02.02.04837

Number of connections: 6

Length L: 145.2 mm

Width B: 38 mm

Height H: 34 mm

Weight: 245.9 g



GP 8 SCPS 07...15 G2

Part no...:10.02.02.04937

Number of connections: 8

Length L: 182.4 mm

Width B: 38 mm

Height H: 34 mm



HUT-SN-KL 75x18x9 SCPS

Part no...:10.02.02.04149

Length L: 75 mm

Width B: 18 mm

Height H: 9 mm

Construction use: Compact ejectors SCPS/SCPSi

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VFI 4/2 50

Part no...:10.07.01.00329

Connection: Hose 4/2

Filter pore size: 50 µm



VFT G1/4-IG 80

Part no...:10.07.01.00119

Connection: G1/4"-F

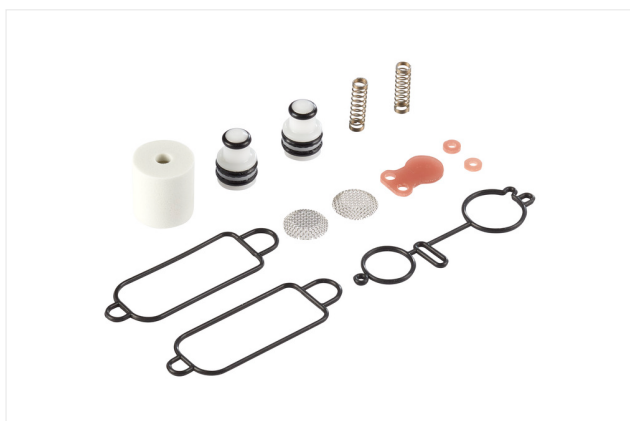
Shape: Short filter insert

Nominal flow rate: 110 l/min

Nominal flow rate: 6.6 m³/h

Filter pore size: 80 µm

Spare parts



VST SCPS-zw-stuf-SD

Part no...:10.02.02.04738

Construction use: Compact ejectors SCPS/SCPSi

Size: zw-stuf-SD

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