Compact ejector

SCPSi-UHV-HD 11 G02 NO

Part no..:10.02.02.06294

https://www.schmalz.com/10.02.02.06294

Compact ejector with special nozzle technology for increased vacuum level and IO-Link functionality



- construction shape compact ejectors: HD
- Nozzle diameter: 1.1 mm
- Connection: G1/8"(1)-G1/8"(2)
- Electrical connection: Male connect M12, 5 pol
- Suction rate (max.): 27.8 l/min
- Air consumption suction: 37.5 l/min
- Sound level free: 68 dB(A)
- Pressure range (operating pressure): 3.0 ... 6.0 bar
- Max. vacuum: -910 mbar
- Control valve: Normally open
- Function: Digital air-saving function
- Protection type IP: IP 65 (with plug)

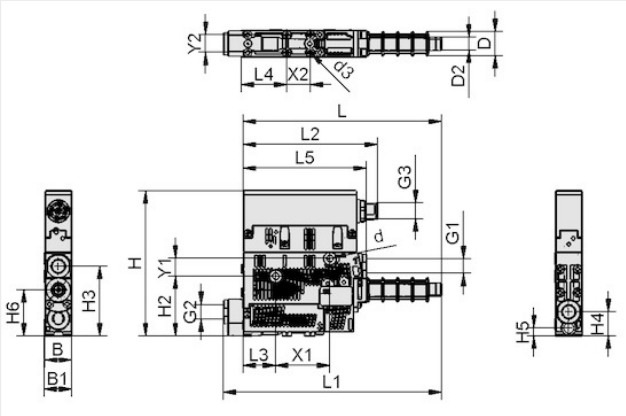
Design Data

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Attribute	Value
B	18 mm
B1	18.60 mm
D	16.50 mm
d	4.40 mm
D2	9 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
H6	31.50 mm
L	135 mm
L1	150 mm
L2	91.50 mm
L3	22 mm
L4	31 mm
L5	83.80 mm
X1	36.90 mm
X2	16 mm
Y1	12 mm
Y2	12 mm

Technical Data

Attribute	Value
Nozzle size	11
Degree of evacuation	91 %
Suction rate (max.)	27.80 l/min
Suction rate (max.)	1.60 m³/h
Air consumption suction	37.50 l/min
Air consumption suction	2.20 m³/h
Air consumption blow off	7.20 m³/h
Sound level free	68 dB(A)
Sound level suction	75 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar

Contact Schmalz
Schmalz B.V. | Generatorstraat 34, 7556 RC Hengelo, Netherlands | +31 74 255 5757 |
info@schmalz.nl

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Connection	G02
Control valve	Normally open
Electrical connection	M12-5
Weight	0.21 kg
Max. air consumption blow off	120 l/min
Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0
Air consumption blow off	4.24 cfm
Air consumption suction	1.32 cfm
Suction rate (max.)	0.98 cfm
Max. vacuum	-26.87 inHg
Product family	SCPSi-UHV-HD

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



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



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



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 CN6/4 50

Part no..:10.07.01.00241

Connection: Hose 6/4 with Cap nut

Filter pore size: 50 µm



VFI 6/4 50

Part no..:10.07.01.00328

Connection: Hose 6/4

Filter pore size: 50 µm

Spare parts



SD 16.5x51 SCPS

Part no..:10.02.02.05094

External diameter D: 16.5 mm

Length L: 51 mm

Construction use: Compact ejectors SCPS/SCPSi

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VACU-SET 11 12.80x76.60 SCPS

Part no..:10.02.02.06279

Nozzle size: 1.1 mm
External diameter D: 12.8 mm
Length L: 76.6 mm
Construction use: Compact ejectors SCPS/SCPSi

WART SCPS/SCPSi-HD

Part no..:10.02.02.06343

Construction use: Compact ejectors SCPS/SCPSi
Size: HD