

Compact ejector

SCPSb-UHV-HD 11 S04 NC

Part no.:10.02.02.06281

<https://www.schmalz.com/10.02.02.06281>

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Compact ejector with special nozzle technology for increased vacuum level



construction shape compact ejectors: HD

Nozzle diameter: 1.1 mm

Connection: Hose D6(1)-D6(2)

Suction rate (max.): 27.8 l/min

Air consumption suction: 37.5 l/min

Sound level free: 68 dB(A)

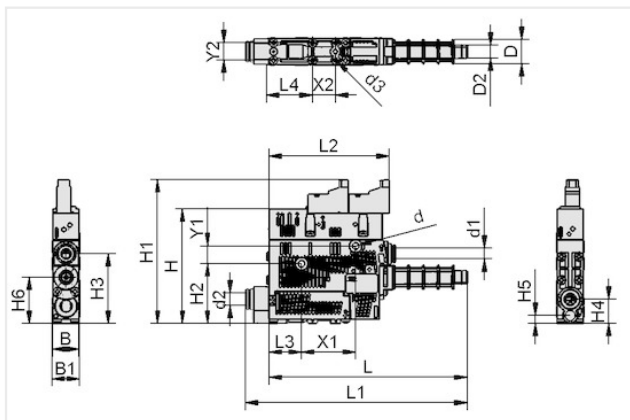
Pressure range (operating pressure): 3.0 ... 6.0 bar

Max. vacuum: -910 mbar

Control valve: Normally closed

Protection type IP: IP 40 (with plug)

Design Data



Attribute	Value
B	18 mm
B1	18.60 mm
D	16.50 mm
d	4.40 mm
D2	9 mm
d3	2.60 mm
H	78 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	151 mm
L2	81.60 mm
L3	22 mm
L4	31 mm
X1	36.90 mm
X2	16 mm
Y1	12 mm
Y2	12 mm

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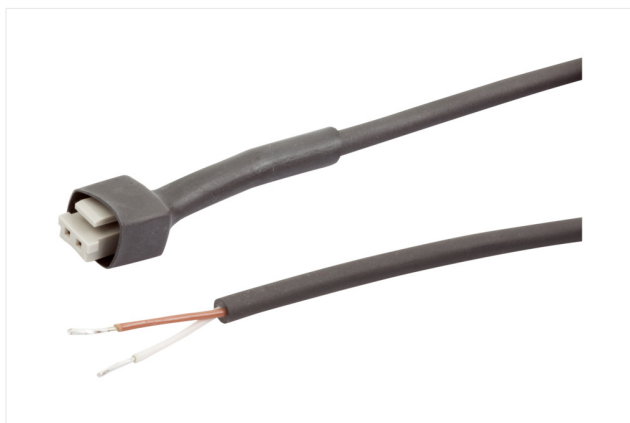
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Technical Data

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	7.10 m³/h
Sound level free	68 dB(A)
Sound level suction	75 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar
Connection	S04
Control valve	Normally closed
Weight	0.21 kg
Max. air consumption blow off	120 l/min
Operating temperature	5 ... 50 °C
Pressure range (operating pressure)	43.3 ... 86.8
Air consumption blow off	4.18 cfm
Air consumption suction	1.32 cfm
Suction rate (max.)	0.98 cfm
Max. vacuum	-26.87 inHg
Product family	SCPSb-UHV-HD

Accessories



ASK B-MIC10 3000 K-2P

Part no.:21.04.06.00086

Material hose: PUR cable

Electrical connection: Connect. 10mm

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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

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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



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

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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



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

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