

## Compact ejector

SCPSi-UHV-HD 16 G02 NC

Part no...:10.02.02.05065

<https://www.schmalz.com/10.02.02.05065>

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



Nozzle diameter: 1.6 mm

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

Electrical connection: Male connect M12, 5 pol

Suction rate (max.): 53.2 l/min

Air consumption suction: 105.6 l/min

Sound level free: 75 dB(A)

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

Max. vacuum: -910 mbar

Control valve: Normally closed

Function: Digital air-saving function

Protection type IP: IP 65 (with plug)

### Design Data

#### Contact Schmalz

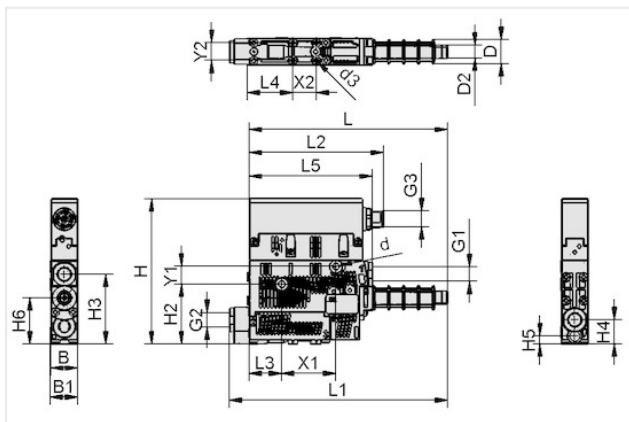
J. Schmalz GmbH | Johannes-Schmalz-Str.1, DE-72293 Glatten | +49 7443 2403-105 | [kundencenter@schmalz.de](mailto:kundencenter@schmalz.de)

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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	16
Degree of evacuation	91 %
Suction rate (max.)	53.20 l/min
Suction rate (max.)	3.20 m³/h
Air consumption suction	105.60 l/min
Air consumption suction	6.30 m³/h
Air consumption blow off	7.20 m³/h
Sound level free	75 dB(A)
Sound level suction	77 dB(A)
Pressure range (operating pressure)	2.0 ... 6.0 bar

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Connection	G02
Control valve	Normally closed
Electrical connection	M12-5
Weight	0.21 kg
Max. air consumption blow off	120 l/min
Operating temperature	5 ... 50 °C
Pressure range (operating pressure)	29.0 ... 87.0
Air consumption blow off	4.24 cfm
Air consumption suction	3.73 cfm
Suction rate (max.)	1.88 cfm
Max. vacuum	-26.87 inHg
Product family	SCPSi

### 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

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

Part no...:21.04.05.00211

Pressure range (operating pressure): bar



### ASV SMPI/SCPI 2xS-M12-4

Part no...:10.02.02.03490

Pressure range (operating pressure): bar

Length L: 1,050 mm



### HUT-SN-KL SCPS

Part no...:10.02.02.04149

Construction use: Compact ejectors SCPS/SCPSi

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### VFI CN8/6 50

Part no.:10.07.01.00245

Connection: Hose 8/6 with Cap nut

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: 6.6 m³/h

Filter pore size: 80 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 16 12.80x76.60 SCPS

Part no.:10.02.02.05052

Nozzle size: 1.6 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

Size: HD