

Compact ejector

SCPSi 2-14 G02 NC

Part no.: 10.02.02.04370

<https://www.schmalz.com/10.02.02.04370>



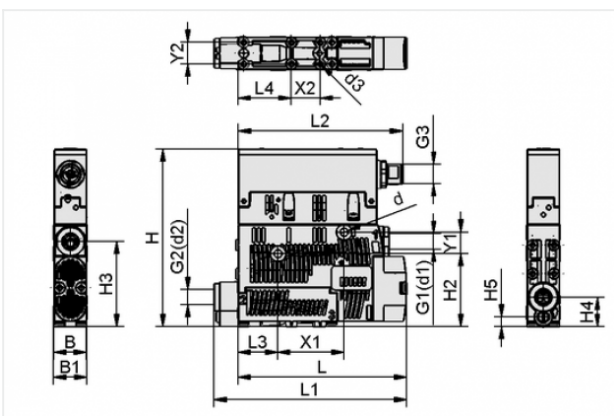
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Compact ejector



Nozzle size: 2-1,4 mm
 Connection: G1/8"(1)-G1/8"(2)
 Suction rate (max): 71.5 l/min
 Air consumption (during evac.): 82 l/min
 Noise level (free): 75 dB
 at operating press.: 2.0 ... 6.0 bar
 Vacuum (max): -850 mbar
 Control: Normally closed
 with: digital air-saving function
 Electrical connection:
 Male connect M12, 5 pol
 Protection: IP 65 (with plug)

Design Data



| Attribute | Value |
|-----------|---------|
| B | 18 mm |
| B1 | 18.6 mm |
| d | 4.4 mm |
| d3 | 2.6 mm |
| G1 | G1/8"-F |
| G2 | G1/8"-F |
| G3 | M12x1-M |
| H | 99 mm |
| H2 | 40.8 mm |
| H3 | 47.5 mm |

Contact to Schmalz

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| Attribute | Value |
|-----------|---------|
| H4 | 16.5 mm |
| H5 | 5.5 mm |
| L | 92.5 mm |
| L1 | 106 mm |
| L2 | 91.5 mm |
| L3 | 22 mm |
| L4 | 29.5 mm |
| X1 | 36.9 mm |
| X2 | 16 mm |
| Y1 | 12 mm |
| Y2 | 12 mm |

Technical Data

| Attribute | Value |
|-------------------------------------|------------------------|
| Nozzle size | 2-1,4 mm |
| Degree of evacuation | 85 % |
| Suction rate (max) | 4.4 m ³ /h |
| Suction rate (max) | 71.5 l/min |
| Air consumption (during evac.) | 5.04 m ³ /h |
| Air consumption (during evac.) | 82 l/min |
| Air consumption (blow off) | 7.25 m ³ /h |
| Air consumption (blow off) (max) | 118 l/min |
| Noise level (free) | 75 dB |
| Noise level (workp. gripped) | 65 dB |
| Pressure range (operating pressure) | 2.0 ... 6.0 bar |

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| Attribute | Value |
|---|-------------------|
| Int. hose diameter (recom.) comp.-air | 4 mm |
| Int. hose diameter (recom.) vacuum side | 6 mm |
| Weight | 0.195 kg |
| Ambient temperature | 0 ... 50 °C |
| Pressure range (operating pressure) | 29.0 ... 87.0 psi |
| Suction rate (max) | 2.524 cfm |
| Air consumption (during evac.) | 2.895 cfm |
| Air consumption (blow off) | 4.267 cfm |
| Vacuum (max) | -25.1 inHg |
| Product family | SCPSi |

Accessories



ASK B-M12-5 5000

Part no. 21.04.05.00080

Connection cable

Interface Connection cable:

Fem connect M12, 5 pol

Cable length: 5000 mm

Material: PUR-Cable



ASV SMPI/SCPI 2xS-M12-4

Part no. 10.02.02.03490

Connection distributor

for: Ejector SMPI/SCPI

Interface Connection cable:

Fem connect M12, 5 pol

Interface Connection cable:

2xConnect M12, 4 pol

Length L: 1050 mm



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

Part no. 21.04.05.00158

Connection cable

Interface Connection cable:

Fem connect M12, 5 pol

Cable length: 1000 mm

Interface Connection cable:

Male connect M12, 5 pol

Material: PUR-Cable



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

Part no. 21.04.05.00211

Connection cable

Interface Connection cable:

Fem connect M12, 5 pol

Cable length: 2000 mm

Interface Connection cable:

Male connect M12, 5 pol

Material: PUR-Cable



HUT-SN-KL 70x18x8

Part no. 10.02.02.04149
Top-hat rail clamp comp.
Length L: 70 mm
Width B: 18 mm
Height H: 8 mm
Section type: EN 50022



VFI CN8/6 50

Part no. 10.07.01.00245
Vacuum filter with replaceable filter cartridge
Connection: Hose 8/6 with Cap nut
Filter pore size: 50 µm



GP 3 SCPS 07..15 G2

Part no. 10.02.02.04884
Compressed-air distributor for use as a manifold and for building ejector blocks
Number of connections: 3
Length L: 89.4 mm
Width B: 38 mm
Height H: 34 mm
for: Ejector SCPS 07..15 G2



GP 4 SCPS 07..15 G2

Part no. 10.02.02.04338

Compressed-air distributor for use as a manifold and for building ejector blocks

Number of connections: 4

Length L: 108 mm

Width B: 38 mm

Height H: 34 mm

for: Ejector SCPS 07..15 G2



GP 5 SCPS 07..15 G2

Part no. 10.02.02.04858

Compressed-air distributor for use as a manifold and for building ejector blocks

Number of connections: 5

Length L: 126.6 mm

Width B: 38 mm

Height H: 34 mm

for: Ejector SCPS 07..15 G2



GP 6 SCPS 07..15 G2

Part no. 10.02.02.04837

Compressed-air distributor for use as a manifold and for building ejector blocks

Number of connections: 6

Length L: 145.2 mm

Width B: 38 mm

Height H: 34 mm

for: Ejector SCPS 07..15 G2



ABL-SET SCPS zweistufig

Part no. 10.02.02.04667

Exhaust air set

for: Compact ejectors SCPS

Size: zweistufig