

Compact ejector

SCP 10 NC AS RE

Part no.: 10.02.02.00780

<https://www.schmalz.com/10.02.02.00780>



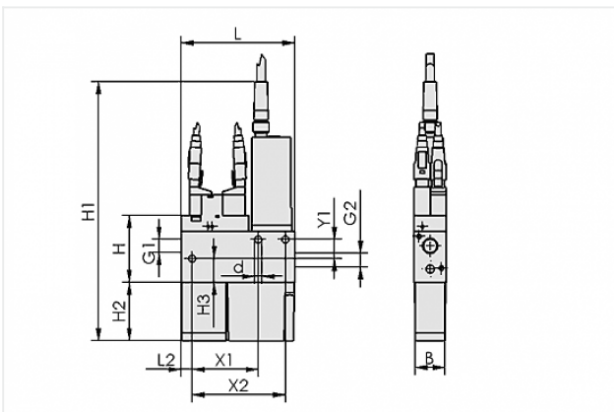
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Compact ejector with integrated functions



Nozzle size: 1,0 mm
Suction rate (max): 37 l/min
Air consumption (during evac.):
53 l/min
Control: Normally closed
Shape: With blow-off system
with: electr. air-saving function

Design Data



Attribute	Value
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B	20.2 mm
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d	4.5 mm
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G1	G1/8"-F
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G2	G1/8"-F
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H	42.2 mm
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H1	147.5 mm
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H2	36.5 mm
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H3	15 mm
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L	71.5 mm
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L2	7 mm
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X1	41.5 mm
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X2	58.5 mm
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Y1	12 mm
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Contact to Schmalz

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Technical Data

Attribute	Value
Nozzle diameter	1 mm
Degree of evacuation	85 %
Suction rate (max)	37 l/min
Suction rate (max)	2.2 m³/h
Air consumption (during evac.)	53 l/min
Air consumption (during evac.)	3.2 m³/h
Air consumption (blow off) (max)	200 l/min
Noise level (workp. gripped)	66 dB
Noise level (free)	68 dB
Pressure optimal	5 bar
Int. hose diameter (recom.) comp.-air	2 mm
Int. hose diameter (recom.) vacuum side	4 mm
Weight	0.275 kg
Ambient temperature	0 ... 45 °C
Control	Normally closed
Pressure optimal	72.5 psi
Suction rate (max)	1.306 cfm
Air consumption (during evac.)	1.871 cfm
Air consumption (blow off)	7.062 cfm
Product family	SCP

Note:

- The supply voltage for vacuum switches and solenoid valves is 24V DC
- Air consumption: At optimal operating pressure
- Hose diameter: For max. length 2 m

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Spare Parts



SD 28x19x31.5 SCP10/15

Part no. 10.02.02.00653

Silencer for vacuum generators

Length L: 28 mm

Width B: 19 mm

Height H: 31.5 mm

for: Compact ejectors SCP



FILT-EINS 13x33 PE-POR SCP

Part no. 10.02.02.00655

Filter insert (round)

External diameter D: 13 mm

Length L: 33 mm

Filter material: Polyethylene

for: Compact ejectors SCP