

# Ejector module

## SEP HV 3 07 13 S

Part no.: 10.02.01.01407

<https://www.schmalz.com/10.02.01.01407>



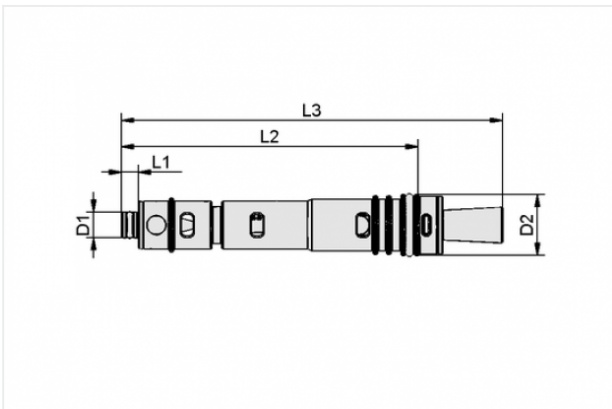
Homepage > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Ejector modules > Ejector Modules ecoPump  
SEP > SEP HV 3 07 13 S

### Multistagenozzle as a cartridge



Shape: High vacuum  
Number of stages: 3  
Nozzle size: 0,7 mm  
Hole diameter: 13 mm  
Shape: With safety valve  
Degree of evacuation: 85 %  
Pressure range (operating pressure):  
2.0 ... 6.0 bar  
Pressure optimal: 4 bar  
Suction rate (max): 76.8 l/min  
Air consumption (during evac.):  
23.5 l/min

### Design Data



Attribute	Value
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D1	5.4 mm
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D2	12.8 mm
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L1	5 mm
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L2	63.5 mm
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L3	81.5 mm
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### Technical Data

#### Contact to Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Straße, 72293 Glatten, Deutschland | +49 7443 2403-102 |  
customercenter@schmalz.de

Attribute	Value
Weight	4.6 g
Ambient temperature	0 ... 60 °C
Int. hose diameter (recom.) comp.-air	4 mm
Int. hose diameter (recom.) vacuum side	6 mm
Pressure range (operating pressure)	2.0 ... 6.0 bar
Pressure range (operating pressure)	29.0 ... 87.0 psi
Pressure optimal	4 bar
Pressure optimal	58 psi
Noise level (free)	70 dB
Noise level (workp. gripped)	61 dB
Design	High vacuum
Suction rate (max)	4.73 m <sup>3</sup> /h
Suction rate (max)	76.8 l/min
Suction rate (max)	2.712 cfm
Air consumption (during evac.)	1.45 m <sup>3</sup> /h
Air consumption (during evac.)	23.5 l/min
Air consumption (during evac.)	0.829 cfm
Degree of evacuation	85 %
Number of stages	3
Nozzle size	0.7 mm
Hole diameter	13 mm

## Spare Parts

### Contact to Schmalz



**ERS-SET SEP-13 6xRUE-KLAP**

Part no. 10.02.01.01449

Set of spare parts  
for: Ejector module

Size: 13

contains: 6x Non-return flap

**Accessories**



**SHC 3 13**

Part no. 10.02.01.01497

Schmalz Holder Cap

Number of stages: 3

Hole diameter: 13 mm



**SD 16.5x51.5 SHC 13**

Part no. 10.02.01.01498

Silencer for vacuum generators

External diameter D: 16.5 mm

Length L: 51.5 mm

for: Schmalz Holder Cap

Size: 13



**SFE 13**

Part no. 10.02.01.01419

Schmalz Fixation Element

Hole diameter: 13 mm

Compressed-air connection: G1/8-F

Suction cup connection: G1/4-F

Vacuum connection: G1/8-F



**BEF-WIN 36x40x27 5 SFE-13**

Part no. 10.08.03.00314

Mounting bracket

Width B: 36 mm

Height H: 40 mm

Length L: 27 mm

Wall thickness s: 5 mm

for: Schmalz Fixation Element

Size: 13



**SET SFE 13**

Part no. 10.02.01.01579

Mounting set

for: Schmalz Fixation Element

Size: 13



**SEV G1/8-IG G1/8-AG**

Part no. 10.02.01.01519

Quick exhaust valve

Thread G1: G1/8-F

Thread G2: G1/8-M