

# Ejector module

## SEP HV 3 16 22 S

Part no.: 10.02.01.01411

<https://www.schmalz.com/10.02.01.01411>



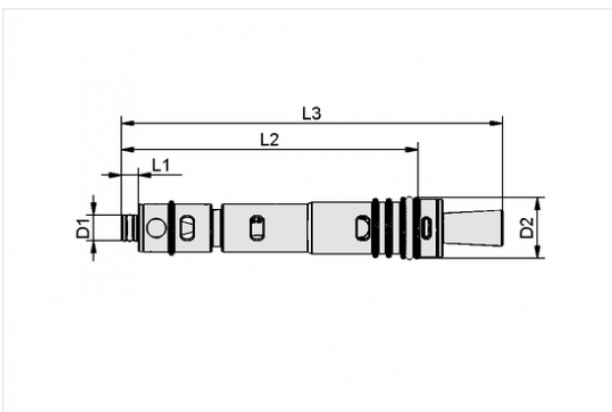
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SEP > SEP HV 3 16 22 S

### Multistagenozzle as a cartridge



Shape: High vacuum  
Number of stages: 3  
Nozzle size: 1,6 mm  
Hole diameter: 22 mm  
Shape: With safety valve  
Degree of evacuation: 90 %  
Pressure range (operating pressure):  
2.0 ... 6.0 bar  
Pressure optimal: 4 bar  
Suction rate (max): 308.8 l/min  
Air consumption (during evac.):  
103 l/min

### Design Data



Attribute	Value
D1	10.8 mm
D2	21.8 mm
L1	8 mm
L2	103 mm
L3	146 mm

### Technical Data

#### Contact to Schmalz

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Attribute	Value
Weight	22.8 g
Ambient temperature	0 ... 60 °C
Int. hose diameter (recom.) comp.-air	6 mm
Int. hose diameter (recom.) vacuum side	12 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)	80 dB
Noise level (workp. gripped)	72 dB
Design	High vacuum
Suction rate (max)	19 m <sup>3</sup> /h
Suction rate (max)	308.8 l/min
Suction rate (max)	10.904 cfm
Air consumption (during evac.)	6.34 m <sup>3</sup> /h
Air consumption (during evac.)	103 l/min
Air consumption (during evac.)	3.637 cfm
Degree of evacuation	90 %
Number of stages	3
Nozzle size	1.6 mm
Hole diameter	22 mm

## Spare Parts

### Contact to Schmalz



**ERS-SET SEP-22 6xRUE-KLAP**

Part no. 10.02.01.01450

Set of spare parts  
for: Ejector module

Size: 22

contains: 6x Non-return flap

**Accessories**



**SHC 3 22**

Part no. 10.02.01.01514

Schmalz Holder Cap

Number of stages: 3

Hole diameter: 22 mm



**SD 29x70 SHC 22**

Part no. 10.02.01.01517

Silencer for vacuum generators

External diameter D: 29 mm

Length L: 70 mm

for: Schmalz Holder Cap

Size: 22

**SFE 22**

Part no. 10.02.01.01421

Schmalz Fixation Element

Hole diameter: 22 mm

Compressed-air connection: G1/4-F

Suction cup connection: G3/8-F

Vacuum connection: G1/4-F

**BEF-WIN 50x40x41 5 SFE-22**

Part no. 10.08.03.00315

Mounting bracket

Width B: 50 mm

Height H: 40 mm

Length L: 41 mm

Wall thickness s: 5 mm

for: Schmalz Fixation Element

Size: 22

**SET SFE 22**

Part no. 10.02.01.01577

Mounting set

for: Schmalz Fixation Element

Size: 22



**SEV G1/8-IG G1/4-AG**

Part no. 10.02.01.01471

Quick exhaust valve

Thread G1: G1/8-F

Thread G2: G1/4-M