

Basic Ejector

SBP HF 3 06 13 SD

Part no.:10.02.01.01732

<https://www.schmalz.com/10.02.01.01732>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Basic Ejectors > Basic Ejectors SBP-HV/HF > SBP HF 3 06 13 SD

Basic ejector for universal use



Shape: High Flow

Number of stages: 3

Nozzle diameter: 0.6 mm

Size: 13

Degree of evacuation: 70 %

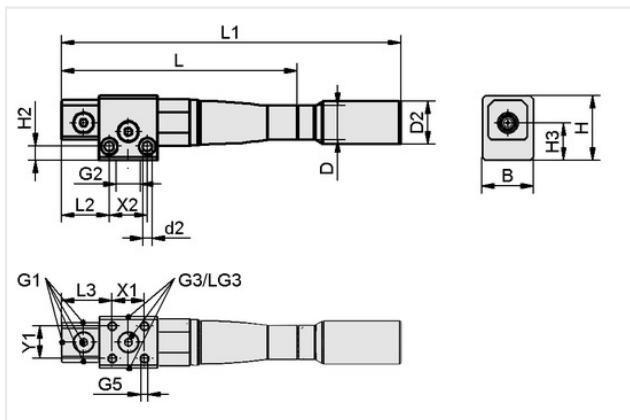
Pressure optimal: 4 bar

Suction rate (max.): 67.3 l/min

Air consumption suction: 18.7 l/min

Add. function: Silencer

Design Data



Attribute	Value
B	23 mm
D	16.50 mm
d2	4.20 mm
G1	G1/8"-F
G2	G1/4"-F
G3	G1/8"-F
G5	M4-F
H	33 mm
H2	8.50 mm
H3	19.50 mm
L	88 mm
L1	139.50 mm
L2	22 mm
L3	25.50 mm
LG3	5.50 mm
X1	14 mm
X2	19 mm
Y1	14 mm

Technical Data

Contact Schmalz

Schmalz UK Limited | Unit 2 Woodrow Business Centre, Woodrow Way, Irlam, Manchester M44 6NN, Great Britain | +44 161 243 4642 | Page 1 from 4
schmalz@schmalz.co.uk

Basic Ejector

SBP HF 3 06 13 SD

Part no...:10.02.01.01732

<https://www.schmalz.com/10.02.01.01732>

Attribute	Value
Nozzle diameter	0.60 mm
Number of stages	3
Degree of evacuation	70 %
Suction rate (max.)	4.14 m³/h
Suction rate (max.)	67.30 l/min
Air consumption suction	1.15 m³/h
Air consumption suction	18.70 l/min
Sound level free	63 dB(A)
Sound level suction	55 dB(A)
Pressure range (operating pressure)	2.0 ... 6.0 bar
Pressure optimal	4 bar
Recomm. internal hose diameter compressed air	4 mm
Recomm. internal hose diameter vacuum	6 mm
Weight	95.60 g
Operating temperature	0 ... 60 °C
Pressure range (operating pressure)	29.0 ... 87.0
Pressure optimal	58 psi
Suction rate (max.)	2.38 cfm
Air consumption suction	0.66 cfm
Product family	SBP-HV-HF

Accessories



SET SFE 13

Part no...:10.02.01.01579

Width B: 20 mm

Height H: 20 mm

Length L: 27 mm

Construction use: Schmalz Fixation Element

Size: 13

Thread G1: G1/8"-M

Thread G2: M8-M

Contact Schmalz

Schmalz UK Limited | Unit 2 Woodrow Business Centre, Woodrow Way, Irlam, Manchester M44 6NN, Great Britain | +44 161 243 4642 | Page 2 from 4
schmalz@schmalz.co.uk

Basic Ejector

SBP HF 3 06 13 SD

Part no...:10.02.01.01732

<https://www.schmalz.com/10.02.01.01732>



BEF-WIN 36x40x27 5 SFE-13

Part no...:10.08.03.00314

Width B: 36 mm

Height H: 40 mm

Length L: 27 mm

Construction use: Schmalz Fixation Element

Size: 13



SEV G1/8-IG G1/4-AG

Part no...:10.02.01.01471

External diameter D: 19 mm

Length L: 37 mm

Thread G1: G1/8"-F

Thread G2: G1/4"-M

Spare parts



SEP HF 3 06 13

Part no...:10.02.01.01344

Shape: High Flow

Number of stages: 3

Nozzle size: 0.6 mm

Hole diameter: 13 mm

Degree of evacuation: 70 %

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

Pressure optimal: 4 bar

Suction rate (max.): 67.3 l/min

Air consumption suction: 18.7 l/min

Contact Schmalz

Schmalz UK Limited | Unit 2 Woodrow Business Centre, Woodrow Way, Irlam, Manchester M44 6NN, Great Britain | +44 161 243 4642 | Page 3 from 4
schmalz@schmalz.co.uk

Basic Ejector

SBP HF 3 06 13 SD

Part no...:10.02.01.01732

<https://www.schmalz.com/10.02.01.01732>



SFE 13 AL

Part no...:10.02.01.01419

Hole diameter: 13 mm

Width B: 23 mm

Height H: 33 mm

Length L: 51.5 mm

Thread G1: G1/8"-F

Thread G2: G1/4"-F

Compressed-air connection: G1/8"-F

Suction cup connection: G1/4"-F

Vacuum connection: G1/8"-F



SHC 3 13

Part no...:10.02.01.01497

Number of stages: 3

Hole diameter: 13 mm

External diameter D: 14.2 mm

Length L: 36.5 mm

Thread G1: M16x1-M



SD 16.5x51.5 SHC 13

Part no...:10.02.01.01498

External diameter D: 16.5 mm

Length L: 51.5 mm

Construction use: Schmalz Holder Cap

Size: 13

Contact Schmalz

Schmalz UK Limited | Unit 2 Woodrow Business Centre, Woodrow Way, Irlam, Manchester M44 6NN, Great Britain | +44 161 243 4642 | Page 4 from 4
schmalz@schmalz.co.uk