

Basic Ejector

SBP HV 2 16 22

Part no.:10.02.01.01724

<https://www.schmalz.com/10.02.01.01724>

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Basic ejector for universal use



Shape: High Vacuum

Number of stages: 2

Nozzle diameter: 1.6 mm

Size: 22

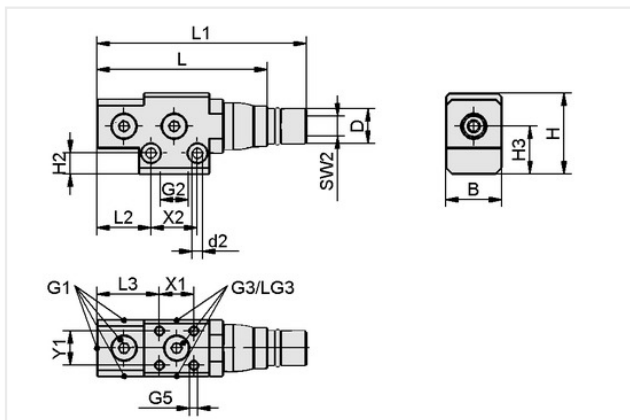
Degree of evacuation: 90 %

Pressure optimal: 4 bar

Suction rate (max.): 152.6 l/min

Air consumption suction: 103 l/min

Design Data



Attribute	Value
B	35 mm
D	20 mm
d2	6.40 mm
G1	G1/4"-F
G2	G3/8"-F
G3	G1/4"-F
G5	M6-F
H	44 mm
H2	9.50 mm
H3	25.50 mm
L	120.50 mm
L1	138.50 mm
L2	32.50 mm
L3	34.50 mm
LG3	7 mm
SW2	12 mm
X1	22 mm
X2	26 mm
Y1	22 mm

Contact Schmalz

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Technical Data

Attribute	Value
Nozzle diameter	1.60 mm
Number of stages	2
Degree of evacuation	90 %
Suction rate (max.)	9.39 m³/h
Suction rate (max.)	152.60 l/min
Air consumption suction	6.34 m³/h
Air consumption suction	103 l/min
Sound level free	87 dB(A)
Sound level suction	76 dB(A)
Pressure range (operating pressure)	2.0 ... 6.0 bar
Pressure optimal	4 bar
Recomm. internal hose diameter compressed air	6 mm
Recomm. internal hose diameter vacuum	12 mm
Weight	261.60 g
Operating temperature	0 ... 60 °C
Pressure range (operating pressure)	29.0 ... 87.0
Pressure optimal	58 psi
Suction rate (max.)	5.39 cfm
Air consumption suction	3.64 cfm
Product family	SBP-HV-HF

Accessories



BEF-WIN 50x40x41 5 SFE-22

Part no.:10.08.03.00315

Width B: 50 mm

Height H: 40 mm

Length L: 41 mm

Construction use: Schmalz Fixation Element

Size: 22

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SET SFE 22

Part no...:10.02.01.01577

Width B: 20 mm

Height H: 20 mm

Length L: 27 mm

Construction use: Schmalz Fixation Element

Size: 22

Thread G1: G1/4"-M

Thread G2: M8-M



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



SD 29x70 SHC 22

Part no...:10.02.01.01517

External diameter D: 29 mm

Length L: 70 mm

Construction use: Schmalz Holder Cap

Size: 22

Spare parts

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SEP HV 2 16 22

Part no...:10.02.01.01396

Shape: High Vacuum

Number of stages: 2

Nozzle size: 1.6 mm

Hole diameter: 22 mm

Degree of evacuation: 90 %

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

Pressure optimal: 4 bar

Suction rate (max.): 152.6 l/min

Air consumption suction: 103 l/min



SFE 22 AL

Part no...:10.02.01.01421

Hole diameter: 22 mm

Width B: 35 mm

Height H: 44 mm

Length L: 87.5 mm

Thread G1: G1/4"-F

Thread G2: G3/8"-F

Compressed-air connection: G1/4"-F

Suction cup connection: G3/8"-F

Vacuum connection: G1/4"-F



SHC 2 22

Part no...:10.02.01.01512

Number of stages: 2

Hole diameter: 22 mm

External diameter D: 20 mm

Length L: 33 mm

Thread G1: M27x1.5-M

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Product recommendations



SBP HV 2 16 22 SD

Part no.:10.02.01.01736

Shape: High Vacuum

Number of stages: 2

Nozzle diameter: 1.6 mm

Size: 22

Degree of evacuation: 90 %

Pressure optimal: 4 bar

Suction rate (max.): 152.6 l/min

Air consumption suction: 103 l/min

Add. function: Silencer

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