

Basic Ejector

SBPL 100 HF

Part no.:10.02.01.01598

<https://www.schmalz.ru/10.02.01.01598>



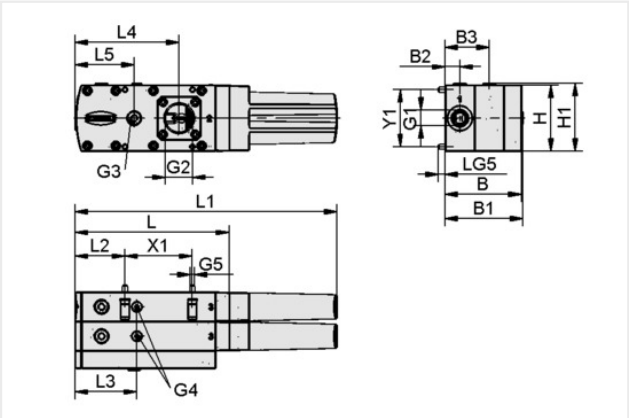
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Basic ejector with maximum suction capacity



Size: 100
Shape: High Flow
Suction rate (max.): 860 l/min
Air consumption suction: 300 l/min
Weight: 1.1 kg

Design Data



Attribute	Value
B	83 mm
B1	85 mm
B2	16 mm
B3	48 mm
G1	G3/8"-F
G2	G1"-F
G3	G1/4"-F
G4	G1/8"-F
G5	M5-M
H	72 mm
H1	74 mm
L	167.50 mm
L1	285.30 mm
L2	54 mm
L3	67 mm
L4	113 mm
L5	64 mm
LG5	8.50 mm
X1	73.50 mm
Y1	62 mm

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Technical Data

Attribute	Value
Size	100
Degree of evacuation	60 %
Max. vacuum	600 mbar
Suction rate (real)	860 l/min
Suction rate (theo)	1300 l/min
Suction rate (real)	51.60 m³/h
Suction rate (theo)	78 m³/h
Air consumption suction	300 l/min
Air consumption suction	18.50 m³/h
Sound level free	69 dB(A)
Sound level suction	58 dB(A)
Pressure range (operating pressure)	2.0 ... 6.0 bar
Pressure range (operating pressure)	29.0 ... 87.0
Recomm. internal hose diameter compressed air	9 mm
Recomm. internal hose diameter vacuum	32 mm
Weight	1.10 kg
Operating temperature	0 ... 60 °C
Max. vacuum	17.72 inHg
Product family	SBPL

Accessories



BEF-WIN 72x25x77 SBPL/SCPL

Part no...:10.02.01.01705

Length L: 72 mm

Width B: 25 mm

Height H: 77 mm

Contact Schmalz

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VAM-D 30x30 VP10 G1/8-AG

Part no...:10.07.02.00055

Length L: 30 mm

Width B: 30 mm

Measuring range: -1,0 ... 10,0 bar

Vacuum connection: G1/8"-M



VAM 40 V DR BAR

Part no...:10.07.02.00035

External diameter D: 40 mm

Measuring range: -1,00 ... 0,00 bar

Construction shape manometers: With sealing ring

Vacuum connection: G1/8"-M



VSi V D M8-4

Part no...:10.06.02.00577

Measuring range: -1,0 ... 0,0 bar

Construction shape vacuum switch: with display

Electrical connection: Male connect M8, 4 pole

Indication: 2xLED

Protection type IP: IP 65

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EMV 3 24V-DC 2/2 NC K-2P

Part no...:10.05.01.00366

Internal diameter d: 6 mm

Length L: 64.5 mm



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



ST 32 AL-EL

Part no...:10.02.01.01681

Material: Aluminum

Construction use: Basic ejector

External diameter D: 32 mm

Length L: 4 mm

Width B: 46 mm

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VSL 27-20 PU-DS-AS TR

Part no...:10.07.09.00047

External diameter D: 27 mm

Internal diameter d: 20 mm

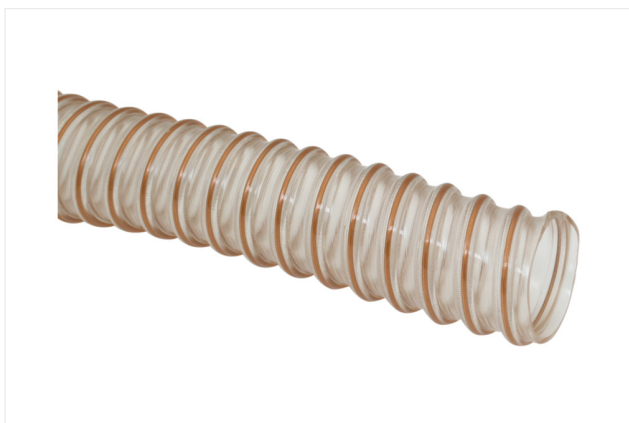
Length max.: 20 m

Material hose: PU, wire spiral, antistatic

Bending radius min.: 17 mm

Pressure range (operating pressure): -1.00 ... 4.72 bar

Operating temperature: -40 ... 90 °C



VSL 32-25 PU-DS-AS TR

Part no...:10.07.09.00051

External diameter D: 32 mm

Internal diameter d: 25 mm

Length max.: 20 m

Material hose: PU, wire spiral, antistatic

Bending radius min.: 20 mm

Pressure range (operating pressure): -1.00 ... 3.86 bar

Operating temperature: -40 ... 90 °C



VSL 42-32 PU-DS-AS TR

Part no...:10.07.09.00036

External diameter D: 42 mm

Internal diameter d: 32 mm

Length max.: 20 m

Material hose: PU, wire spiral, antistatic

Bending radius min.: 25 mm

Pressure range (operating pressure): -1.00 ... 3.77 bar

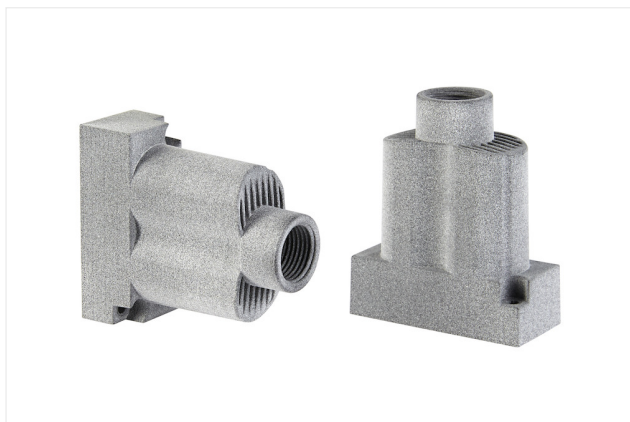
Operating temperature: -40 ... 90 °C

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ABL-SET SBPL/SCPL M

Part no...:10.02.01.01939

Size: M

Length L: 71 mm

Width B: 31 mm

Height H: 82.5 mm



ABL-SET SBPL/SCPL L

Part no...:10.02.01.01940

Size: L

Length L: 71 mm

Width B: 31 mm

Height H: 97 mm



STF G1-1/4-IG N

Part no...:10.07.01.00008

Connection: G1-1/4"-F

Shape: Steel housing

Nominal flow rate: 96 m³/h

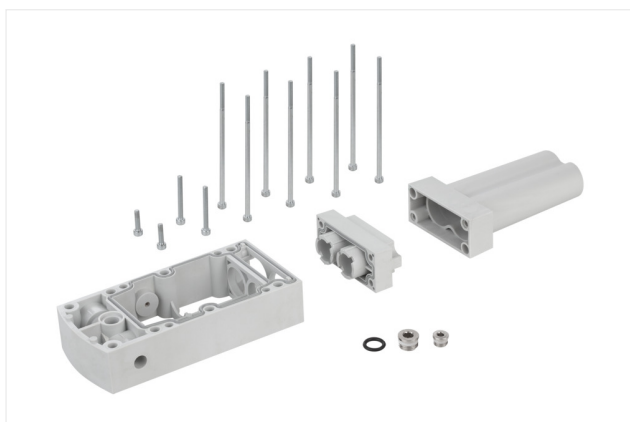
Filter pore size: 3 µm

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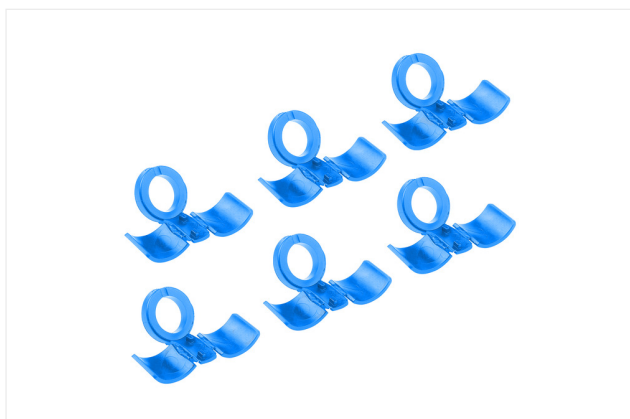
SET SBPL 125/150

Part no...:10.02.01.01686

Construction use: Basic ejector

Size: 125/150

Spare parts



ERS SEP-22 6xRUE-KLAP

Part no...:10.02.01.01450

Construction use: Ejector module

Size: 22

contains: 6x flap



SD 102x71x33 SBPL/SCPL

Part no...:10.02.01.01585

Length L: 102 mm

Width B: 71 mm

Height H: 33 mm

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SEP HF 3 13 22

Part no...:10.02.01.01348

Shape: High Flow

Number of stages: 3

Nozzle size: 1.3 mm

Hole diameter: 22 mm

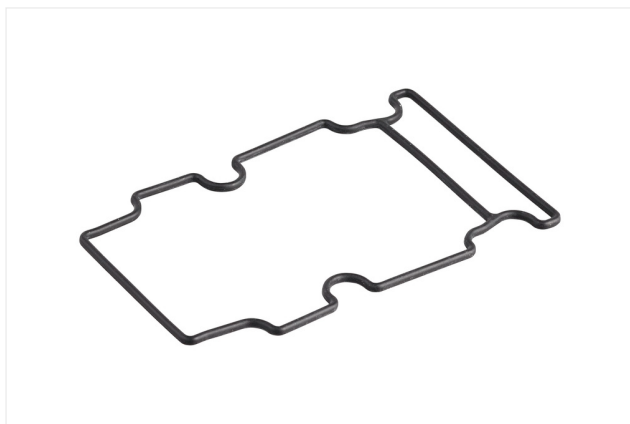
Degree of evacuation: 61 %

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

Pressure optimal: 4 bar

Suction rate (max.): 297.6 l/min

Air consumption suction: 74 l/min



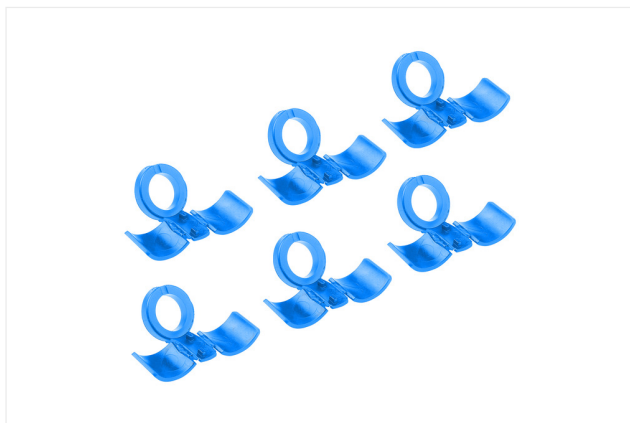
DI-RA 112.5x34.8 NBR-55 SBPL/SCPL

Part no...:10.02.01.01541

Length L: 112.5 mm

Width B: 34.8 mm

Height H: 2.8 mm



ERS SEP-22 6xRUE-KLAP

Part no...:10.02.01.01450

Construction use: Ejector module

Size: 22

contains: 6x flap

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O-RING 10x2.5 NBR-70

Part no...:10.07.08.00002

Material: Nitrile rubber NBR

Internal diameter d: 10 mm