

Basic Ejector

SBPL 50 HV

Part no.: 10.02.01.01590

<https://www.schmalz.com/10.02.01.01590>

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Basic ejector with maximum suction capacity



Size: 50

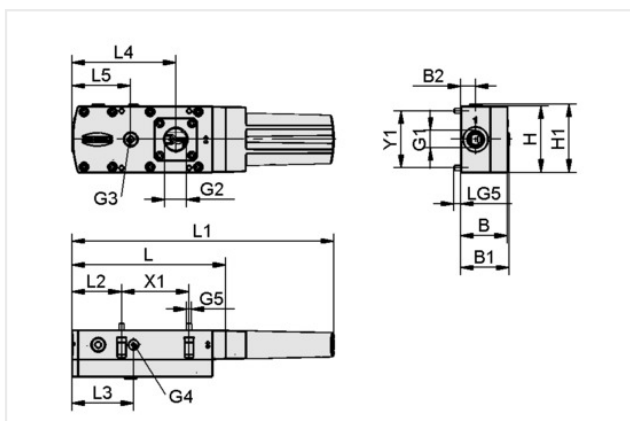
Shape: High Vacuum

Suction rate (max.): 510 l/min

Air consumption suction: 210 l/min

Weight: 0.75 kg

Design Data



Attribute	Value
B	51 mm
B1	53 mm
B2	16 mm
G1	G3/8"-F
G2	G3/4"-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

Technical Data

Contact Schmalz

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Basic Ejector

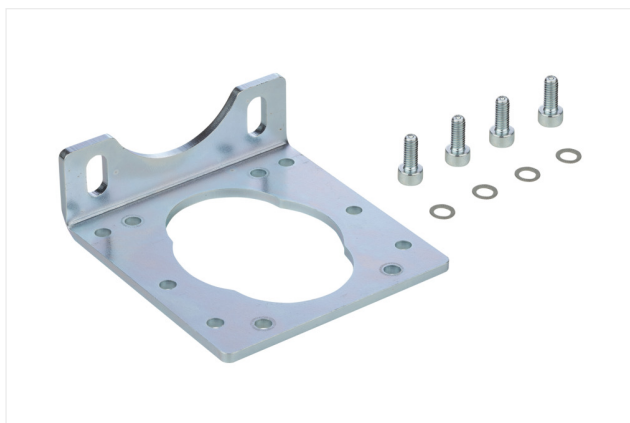
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Attribute	Value
Size	50
Degree of evacuation	90 %
Max. vacuum	900 mbar
Suction rate (real)	510 l/min
Suction rate (theo)	660 l/min
Suction rate (real)	30.60 m³/h
Suction rate (theo)	39.60 m³/h
Air consumption suction	210 l/min
Air consumption suction	13 m³/h
Sound level free	66 dB(A)
Sound level suction	59 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	6 mm
Recomm. internal hose diameter vacuum	25 mm
Weight	0.75 kg
Operating temperature	0 ... 60 °C
Max. vacuum	26.58 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

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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

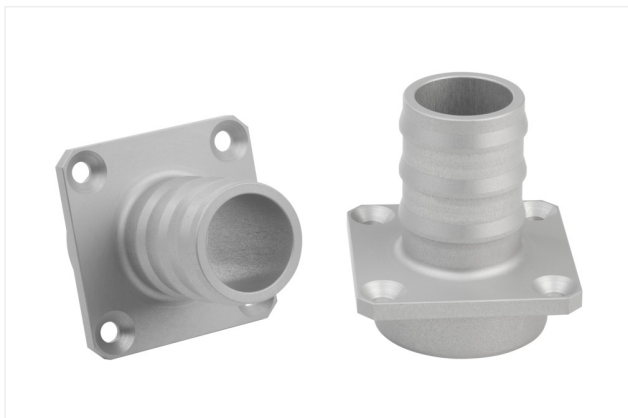
Part no...:10.02.01.01471

External diameter D: 19 mm

Length L: 37 mm

Thread G1: G1/8"-F

Thread G2: G1/4"-M



ST 25 AL-EL

Part no...:10.02.01.01680

Material: Aluminum

Construction use: Basic ejector

External diameter D: 25 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

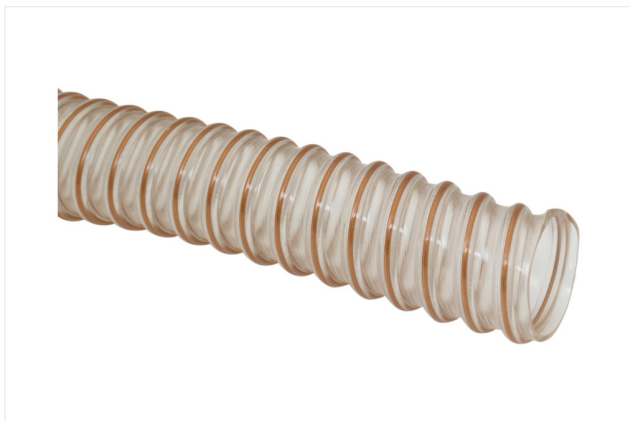
Length max.: 20 m

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

Contact Schmalz

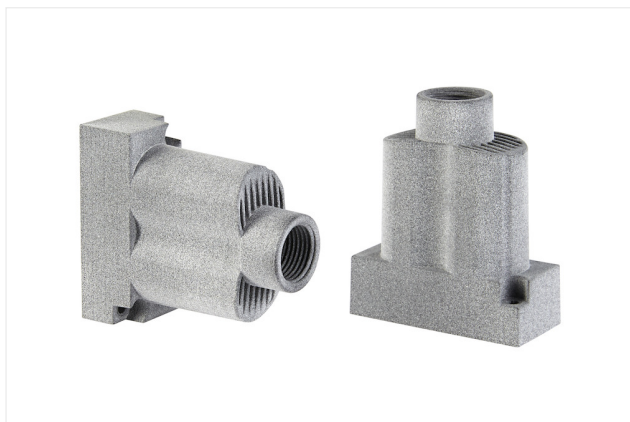
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ABL-SET SBPL/SCPL M

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



VFT G3/4-IG 80

Part no...:10.07.01.00128

Connection: G3/4"-F

Shape: Long filter insert

Nominal flow rate: 600 l/min

Nominal flow rate: 36 m³/h

Filter pore size: 80 µm

Contact Schmalz

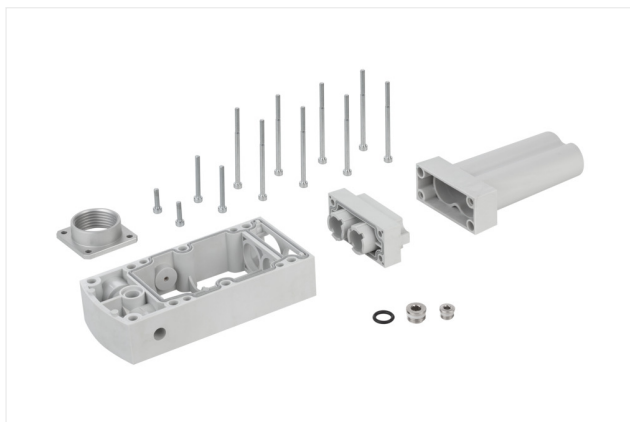
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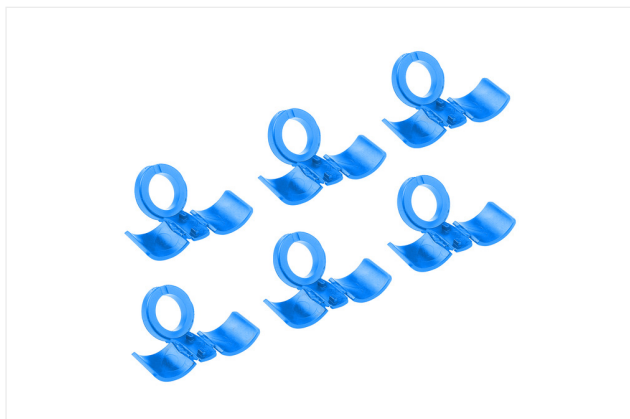
SET SBPL 75/100

Part no...:10.02.01.01685

Construction use: Basic ejector

Size: 75/100

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 HV 3 16 22

Part no...:10.02.01.01397

Shape: High Vacuum

Number of stages: 3

Nozzle size: 1.6 mm

Hole diameter: 22 mm

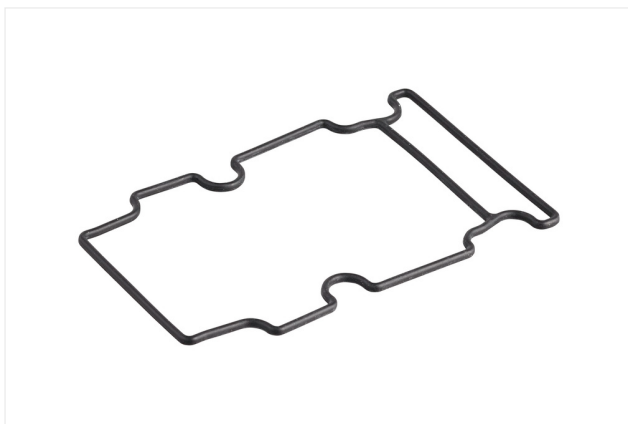
Degree of evacuation: 90 %

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

Pressure optimal: 4 bar

Suction rate (max.): 308.8 l/min

Air consumption suction: 103 l/min



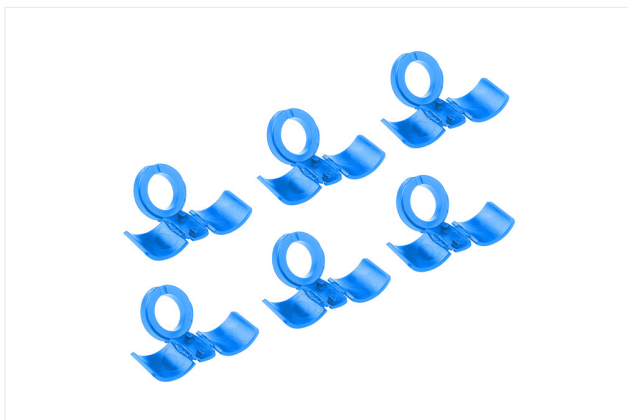
DI-RA 112.5x34.8 NBR-55 SBPL/SCPL

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

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