

Basic Ejector

## SBP-C 25 G03 VS-T



Art.-Nr.: 10.02.01.01002



### Technical data

Nozzle diameter	2.5 mm
Degree of evacuation	85.0 %
Air consumption suction	311.0 l/min
Suction rate (max.)	215.0 l/min
Optimal operating pressure	4.50 bar
Connection	G 1/4" (1)-G3/8" (1)
Functionality of the ejector	electronic vacuum switch

SBP-C 25 G03 VS-T

The basic ejector SBP-C is delivered as a ready-to-connect product (without connection cable).

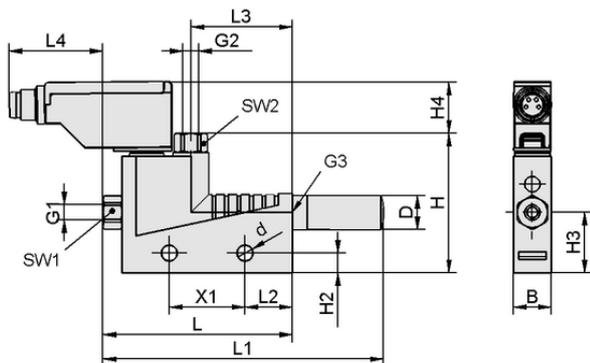
Available spare parts: silencer

Available accessories: mounting plate, mounting set, connection cable



[WWW.SCHMALZ.COM/10.02.01.01002](http://WWW.SCHMALZ.COM/10.02.01.01002)

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## Design data

Length L1	175.50 mm
Length L2	54.00 mm
Length L	99.50 mm
Width B	20.00 mm
Height H2	5.20 mm
Height H	65.50 mm
Outside diameter D	20.00 mm
Internal diameter d	4.20 mm
Thread G1	G1/4"-F
Thread G2	G3/8"-F
Key width SW1	17.0 mm
Spanner size SW2	19.0 mm
Length L3	62.00 mm
Length L4	17.80 mm
Height H3	18.00 mm
Height H4	17.30 mm
Hole spacing X1	20.0 mm
Thread G3	G3/8"-F

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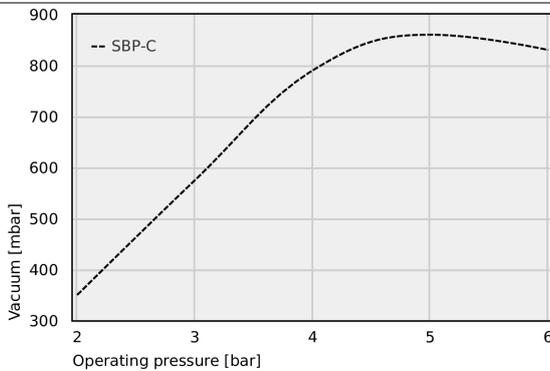
## Technical data

Nozzle diameter	2.5 mm
Recommended hose internal diameter compressed air	6.0 mm
Recommended hose internal diameter vacuum	7.0 mm
Degree of evacuation	85.0 %
Sound pressure level suction	70.0 dB(A)
Sound pressure level free	78.0 dB(A)
Weight	143.00 g
Air consumption suction	10.982 cfm
Suction rate (max.)	7.592 cfm
Optimal operating pressure	4.50 bar
Pressure range (operating pressure) [bar]	3.0 ... 6.0 bar
Operating temperature	0 ... 50 °C
Pressure range (operating pressure) [psi]	43.5 ... 87.0
Optimal pressure	65.2 psi
Product family	SBP-C

Note: The supply voltage for vacuum switches and solenoid valves is 24 VDC Air consumption: On version with solenoid valves SBP-C 07 (24) / SBP-C 25 (320) and optimal operating pressure Hose diameter: For max. length 2 m



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**Performance data**

Achievable vacuum at various operating pressures

**Achievable vacuum at various operating pressures**

	2	3	4	5	6
SBP-C	350.00	575.00	790.00	860.00	830.00

**Ordering Data Accessories 10.02.01.01002**

Typ		Item number
Mounting plate	BEF-PL 110x44.5x3 SBP	10.02.01.00511
Mounting set	SET SBP M4-IG	10.02.01.00769
Connection cable	ASK B-MIC10 3000 K-2P	21.04.06.00086
Connection cable	ASK B-M8-4 5000 K-4P	10.06.02.00031
Vacuum cup filter	VFT G3/8-IG 80	10.07.01.00122

**Ordering Data Spare Parts 10.02.01.01002**

Typ		Item number
Silencer (round)	SD G3/8-AG 20x76 SBP	10.02.01.00719
Vacuum/pressure switch teachfunction	VS-V-AH-T-PNP M8-4 S	10.06.02.00294

