

Basic Ejector

SBP-C 10 G02 VS-T



Art.-Nr.: 10.02.01.00999



Technical data

Nozzle diameter	1.0 mm
Degree of evacuation	85.0 %
Air consumption suction	48.0 l/min
Suction rate (max.)	38.0 l/min
Optimal operating pressure	4.50 bar
Connection	G 1/8" (1)-G 1/8" (2)
Functionality of the ejector	electronic vacuum switch

SBP-C 10 G02 VS-T

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

Available spare parts: silencer

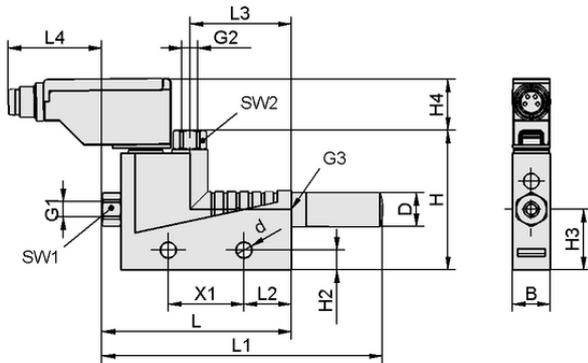
Available accessories: mounting plate, mounting set, connection cable



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**Design data**

Length L1	101.50 mm
Length L2	19.00 mm
Length L	61.50 mm
Width B	15.00 mm
Height H2	5.20 mm
Height H	51.00 mm
Outside diameter D	13.50 mm
Internal diameter d	4.20 mm
Thread G1	G1/8"-F
Thread G2	G1/8"-F
Key width SW1	14.0 mm
Spanner size SW2	14.0 mm
Length L3	29.50 mm
Length L4	19.80 mm
Height H3	18.00 mm
Height H4	11.80 mm
Hole spacing X1	20.0 mm
Thread G3	G1/8"-F

Design data SBP-C 10 G02 VS-T

**Technical data**

Nozzle diameter	1.0 mm
Recommended hose internal diameter compressed air	4.0 mm
Recommended hose internal diameter vacuum	6.0 mm
Degree of evacuation	85.0 %
Sound pressure level suction	59.0 dB(A)
Sound pressure level free	65.0 dB(A)
Weight	105.00 g
Air consumption suction	1.695 cfm
Suction rate (max.)	1.341 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

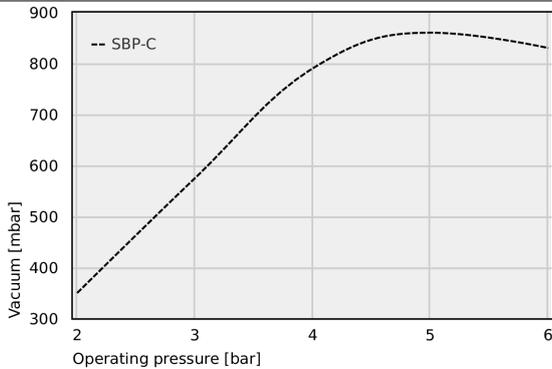
Note: The supply voltage for vacuum switches and solenoid valves is 24 VDC Air consumption: On version with solenoid valves SBP-C 07 (24) / SBP-C 25 (320) and optimal operating pressure Hose diameter: For max. length 2 m



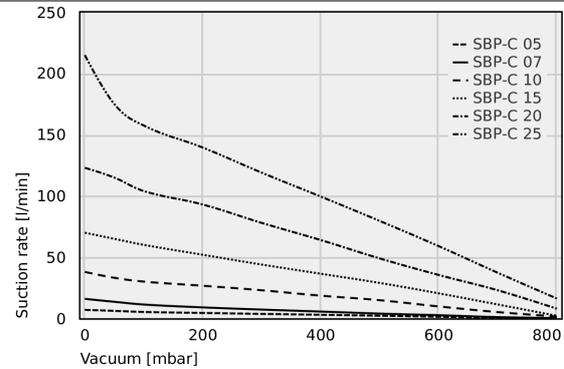
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Performance data



Achievable vacuum at various operating pressures



Suction rate at various degrees of evacuation [l/min]



Achievable vacuum at various operating pressures

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



Suction rate at various degrees of evacuation [l/min]

	0	50	100	200	300	400	500	600	700	800
SBP-C 05	7.00	6.20	5.30	4.50	3.70	3.00	2.20	1.40	0.40	0.10
SBP-C 07	16.00	13.60	11.37	9.03	7.25	5.63	3.97	2.65	1.10	0.30
SBP-C 10	38.00	33.20	30.10	26.70	23.00	18.60	14.90	9.80	5.20	1.61
SBP-C 15	70.00	65.00	60.10	52.00	44.00	36.50	29.00	20.50	11.40	2.18
SBP-C 20	123.00	115.00	104.00	93.00	78.00	64.00	49.00	35.50	23.00	8.00
SBP-C 25	215.00	175.00	157.50	139.50	119.00	99.50	79.60	59.00	37.30	16.30



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**Ordering Data Accessories 10.02.01.00999**

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 filter (inline)	VFI CN8/6 50	10.07.01.00245
Vacuum filter (inline)	VFI 6/4 50	10.07.01.00328
Vacuum cup filter	VFT G1/8-IG 80	10.07.01.00116
Basic Ejector	SEG 10 HS	10.02.01.00247

**Ordering Data Spare Parts 10.02.01.00999**

Typ		Item number
Silencer (round)	SD G1/8-AG 14x40	10.02.01.00540
Vacuum/pressure switch teachfunction	VS-V-AH-T-PNP M8-4 S	10.06.02.00294

