

Art.-Nr.: 10.02.02.04597



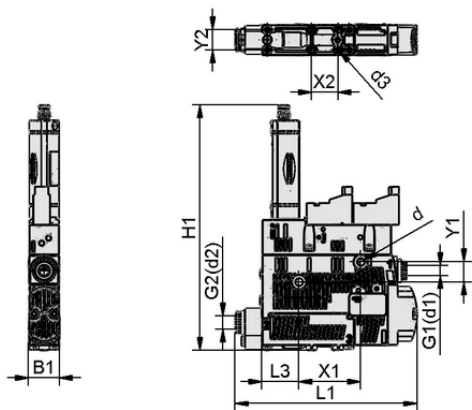
SCPSb 2-07 S04 NO VD

Compact ejector SCPSb is delivered as a ready-to-connect product (without connection cable).

Available accessories: connection cable, top-hat rail clamp, vacuum filter, compressed air connection plate, mounting set, exhaust air set

Technical data

Attribute	Value
Max. vacuum	-850 mbar
Air consumption suction	22.0 l/min
Suction rate (max.)	37.0 l/min
Connection	Hose D6(1)-D6(2)
Nozzle size	2-07
Control valve	Normally open
Operation mode	digital vacuum switch



Design data SCPSb 2-07 S04 NO VD

Design data

Attribute	Value
Length L1	109.50 mm
Width B1	18.60 mm
Height H1	146.50 mm
Internal diameter d1	6.0 mm
d2	6.0 mm
Internal diameter d	4.40 mm
Hole size d3	2.6 mm
Length L3	22.00 mm
Hole spacing Y1	12.0 mm
Hole spacing Y2	12.0 mm
Hole spacing X1	36.9 mm
Hole spacing X2	16.0 mm



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**Technical data**

Attribute	Value
Protection type IP	IP 40 (with plug)
Degree of evacuation	85.0 %
Weight	0.165 kg
Max. air consumption blow-off	120.0 l/min
Air consumption blow-off	7.200 m ³ /h
Suction rate (max.)	2.280 m ³ /h
Optimal operating pressure	4.50 bar
Pressure range (operating pressure) [bar]	3.0 ... 6.0 bar
Product family	SCPSb
Nozzle size	2-07
Control valve	Normally open
Operation mode	digital vacuum switch



Compact ejector

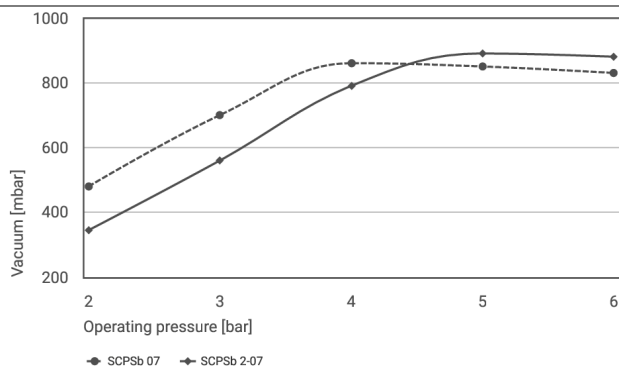
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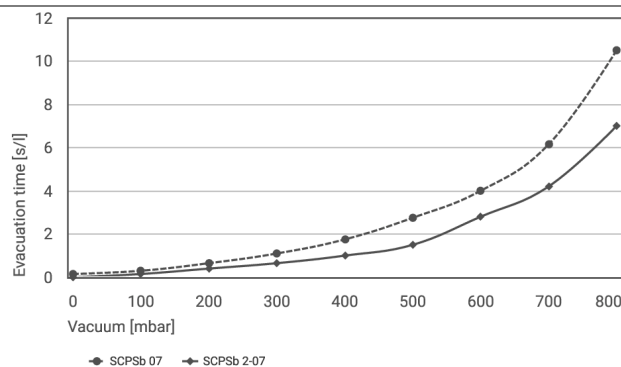
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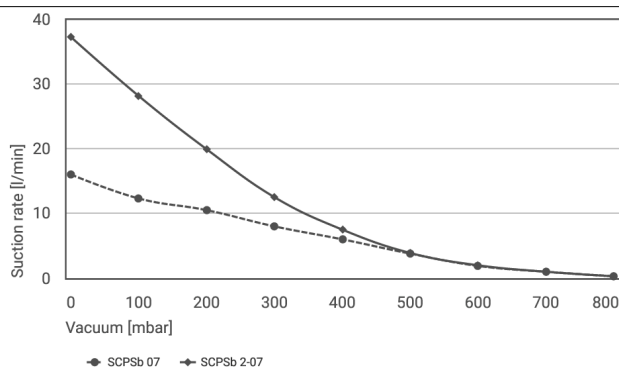
Performance data



Achievable vacuum at various operating pressures



Evacuation time for various vacuum ranges [s/l]



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



Achievable vacuum at various operating pressures

	2	3	4	5	6
SCPSb 07	480.00	700.00	860.00	850.00	830.00
SCPSb 2-07	345.00	560.00	790.00	890.00	880.00



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**Evacuation time for various vacuum ranges [s/l]**

	0	100	200	300	400	500	600	700	800
SCPSb 07	0.15	0.30	0.65	1.10	1.75	2.75	4.00	6.15	10.50
SCPSb 2-07	0.00	0.15	0.40	0.65	1.00	1.5	2.8	4.2	7

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

	0	100	200	300	400	500	600	700	800
SCPSb 07	16.00	12.30	10.50	8.00	6.00	3.80	1.90	1.00	0.30
SCPSb 2-07	37.20	28.10	19.90	12.50	7.50	3.90	2.00	1.00	0.30

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.02.04597**Ordering Data Accessories 10.02.02.04597**

Typ		Item number
Exhaust air set	ABL-SET SCPS zweistufig	10.02.02.04667
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
Top-hat rail clamp comp.	HUT-SN-KL 75x18x9 SCPS	10.02.02.04149
Mounting set	SET SCPS	10.02.02.04343
Vacuum cup filter	VFT G1/8-IG 80	10.07.01.00116
Vacuum filter (inline)	VFI CN6/4 50	10.07.01.00241
Vacuum filter (inline)	VFI 6/4 50	10.07.01.00328
Vacuum hose (meter)	VSL 6-4 PU MI-TR	10.07.09.00002

