

Compact ejector
SCPSb 2-14 S02 NC



Art.-Nr.: 10.02.02.04376



SCPSb 2-14 S02 NC

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

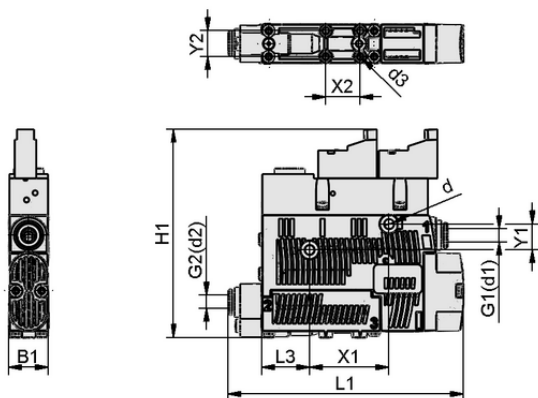
Available accessories: connection cable, top-hat rail clamp, vacuum filter, compressed air connection plate, mounting set, exhaust air set

Technical data

Attribute	Value
Max. vacuum	-850 mbar
Air consumption suction	82.0 l/min
Suction rate (max.)	71.5 l/min
Connection	Hose D6(1)-D8(2)
Nozzle size	2-14
Control valve	Normally closed

Design data

Attribute	Value
Length L1	109.50 mm
Width B1	18.60 mm
Height H1	97.00 mm
Internal diameter d1	6.0 mm
d2	8.0 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.)	4.400 m ³ /h
Optimal operating pressure	4.50 bar
Pressure range (operating pressure) [bar]	3.0 ... 6.0 bar
Product family	SCPSb
Nozzle size	2-14
Control valve	Normally closed



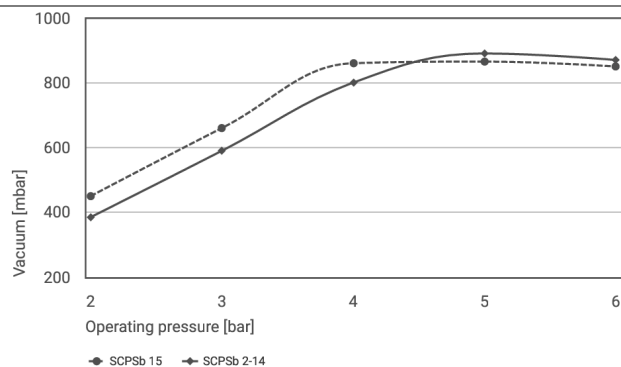
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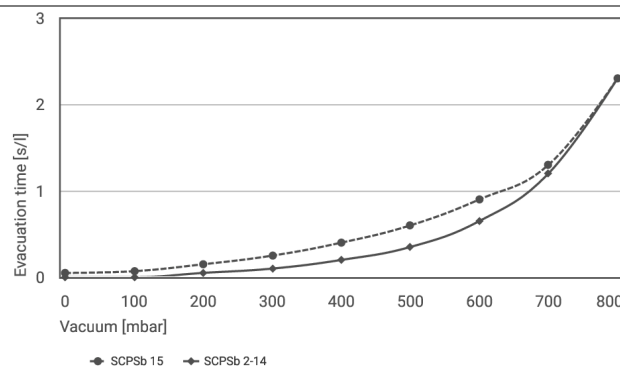
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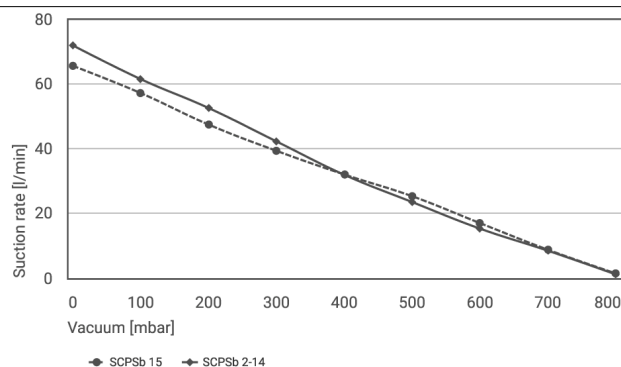
Performance data



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 15	450	660	860	865	850
SCPSb 2-14	385	590	800	890	870



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

	0	100	200	300	400	500	600	700	800
SCPSb 15	0.05	0.07	0.15	0.25	0.4	0.6	0.9	1.3	2.3
SCPSb 2-14	0.0	0.0	0.05	0.1	0.2	0.35	0.65	1.2	2.3

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

	0	100	200	300	400	500	600	700	800
SCPSb 15	65.5	57.1	47.4	39.3	32	25.3	17	8.8	1.5
SCPSb 2-14	71.8	61.4	52.5	42.2	31.9	23.5	15.3	8.5	1.2

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.02.04376**Ordering Data Accessories 10.02.02.04376**

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
Top-hat rail clamp comp.	HUT-SN-KL 75x18x9 SCPS	10.02.02.04149
Mounting set	SET SCPS	10.02.02.04343
Conversion kit	UMR-SET SCPSb	10.02.02.04848
Vacuum filter (inline)	VFI CN6/4 50	10.07.01.00241
Vacuum filter (inline)	VFI CN8/6 50	10.07.01.00245
Vacuum cup filter	VFT G1/4-IG 80	10.07.01.00119

