



SCPSb 15 S02 NC

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

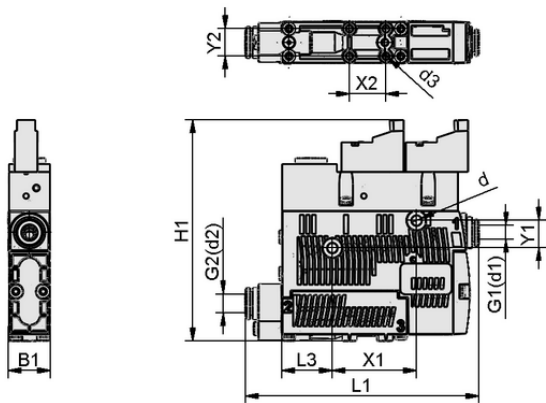
Available accessories: connection cable, top-hat rail clamp, vacuum filter, compressed air connection plate, mounting set, exhaust air set

Technical data

Attribute	Value
Max. vacuum	-850 mbar
Air consumption suction	98.5 l/min
Suction rate (max.)	65.5 l/min
Connection	Hose D6(1)-D8(2)
Nozzle size	15
Control valve	Normally closed

Design data

Attribute	Value
Length L1	102.50 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



Design data SCPSb 15 S02 NC

Compact ejector

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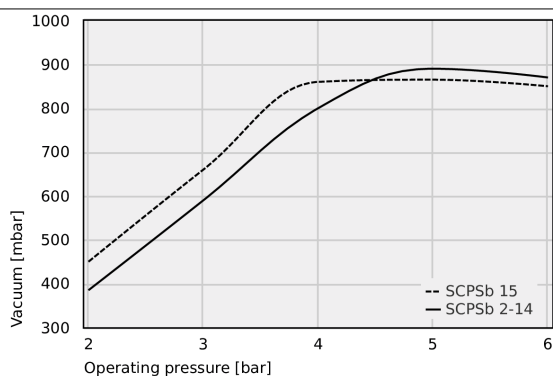


Technical data

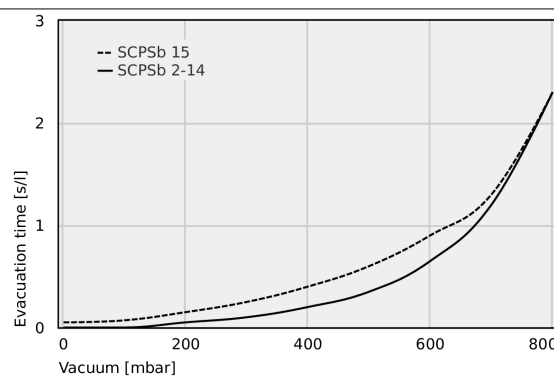
Attribute	Value
Protection type IP	IP 40 (with plug)
Degree of evacuation	85.0 %
Weight	0.165 kg
Suction rate (max.)	4.030 m³/h
Optimal operating pressure	4.50 bar
Pressure range (operating pressure) [bar]	3.0 ... 6.0 bar
Product family	SCPSb
Nozzle size	15
Control valve	Normally closed



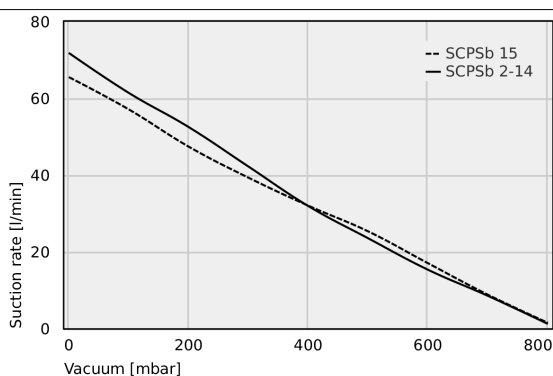
Performance data



Achievable vacuum at various operating pressures



Evacuation time for various vacuum ranges [s/l]



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



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**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

**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/10.02.02.04134**Ordering Data Accessories 10.02.02.04134**

Typ		Item number
Exhaust air set	ABL-SET SCPS einstufig	10.02.02.04216
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 filter (inline)	VFI 6/4 50	10.07.01.00328
Vacuum cup filter	VFT G1/4-IG 80	10.07.01.00119

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