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SBP HF 3 06 13

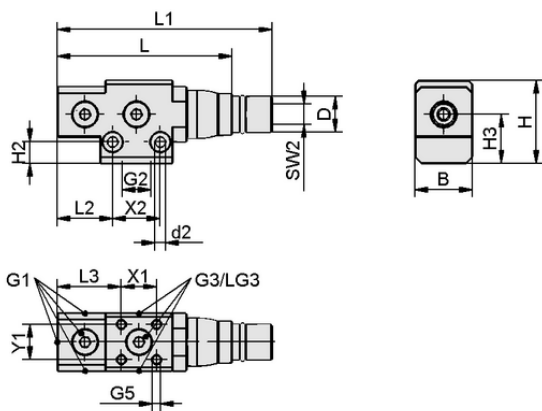
The basic ejectors SBP-HV/HF is delivered as a ready-to-connect product.

Technical data

Attribute	Value
Nozzle diameter	0.6 mm
Degree of evacuation	70.0 %
Air consumption suction	18.7 l/min
Suction rate (max.)	67.3 l/min
Size	13.00
Optimal operating pressure	4.00 bar
Number of stages	3
Shape	High flow

Design data

Attribute	Value
Length L1	104.00 mm
Length L2	22.00 mm
Length L	88.00 mm
Width B	23.00 mm
Height H2	8.50 mm
Height H	33.00 mm
Outside diameter D	14.20 mm
d2	4.2 mm
Thread G1	G1/8"-F
Thread G2	G1/4"-F



Design data SBP HF 3 06 13

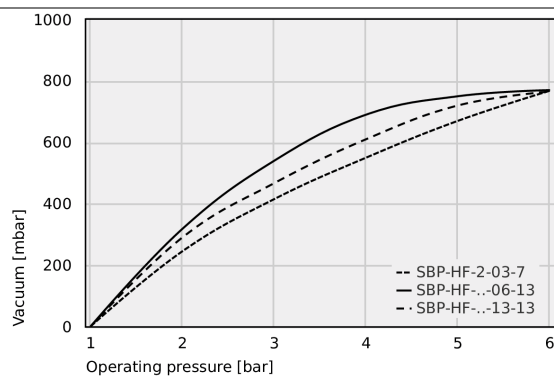
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**Technical data**

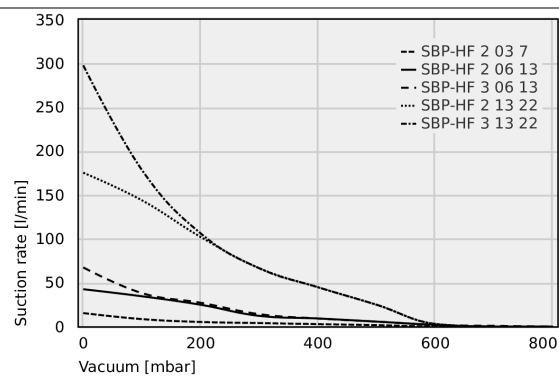
Attribute	Value
Nozzle diameter	0.6 mm
Recommended hose internal diameter compressed air	4.0 mm
Recommended hose internal diameter vacuum	6.0 mm
Degree of evacuation	70.0 %
Sound pressure level suction	57.0 dB(A)
Sound pressure level free	68.0 dB(A)
Weight	89.6 g
Air consumption suction	0.660 cfm
Suction rate (max.)	2.376 cfm
Optimal operating pressure	4.00 bar
Number of stages	3
Pressure range (operating pressure) [bar]	29.0 ... 87.0
Operating temperature	0 ... 60 °C
Optimal pressure	58.0 psi
Product family	SBP-HV-HF



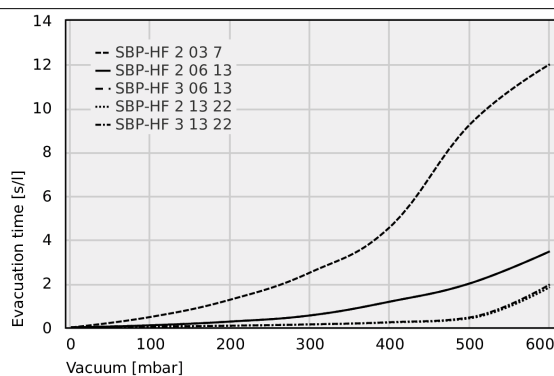
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**Performance data**

Achievable vacuum at various operating pressures



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



Evacuation time for various vacuum ranges [s/l]

**Achievable vacuum at various operating pressures**

	1	2	3	4	5	6
SBP-HF-2-03-7	0.0	245	415	550	670	768
SBP-HF-...-06-13	-	318	540	690	750	770
SBP-HF-...-13-22	-	290	467	610	720	765



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

	0	100	200	300	400	500	600	700	800
SBP-HF 2 03 7	15.25	8.38	5.13	3.88	2.63	1.5	-	-	-
SBP-HF 2 06 13	42.44	34.39	24.73	12.08	9.09	5.52	1.84	-	-
SBP-HF 3 06 13	67.28	38	27.03	14.00	9.09	5.52	1.84	0.69	-
SBP-HF 2 13 22	175.26	143.8	102	66.33	44.67	24.67	2.88	-	-
SBP-HF 3 13 22	297.6	178.3	106.1	66.3	44.7	24.7	2.9	-	-

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

	0	100	200	300	400	500	600
SBP-HF 2 03 7	-	0.48	1.27	2.51	4.59	9.26	12
SBP-HF 2 06 13	-	0.1	0.27	0.55	1.18	2.01	3.47
SBP-HF 3 06 13	-	0.1	0.27	0.55	1.18	2.01	3.47
SBP-HF 2 13 22	-	0.04	0.08	0.14	0.23	0.42	1.84
SBP-HF 3 13 22	-	0.04	0.08	0.14	0.24	0.46	1.96

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.01.01720**Ordering Data Accessories 10.02.01.01720**

Typ		Item number
Mounting set	SET SFE 13	10.02.01.01579
Mounting bracket	BEF-WIN 36x40x27 5 SFE-13	10.08.03.00314
Quick release valve	SEV G1/8-IG G1/4-AG	10.02.01.01471
Silencer (round)	SD 16.5x51.5 SHC 13	10.02.01.01498



Basic Ejector

SBP HF 3 06 13



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Ordering Data Spare Parts 10.02.01.01720

Typ		Item number
Ejector module	SEP HF 3 06 13	10.02.01.01344
Schmalz Fixation Element	SFE 13 AL	10.02.01.01419
Schmalz Holder Cap	SHC 3 13	10.02.01.01497



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