

Art.-Nr.: 10.02.01.01394

**Technical data**

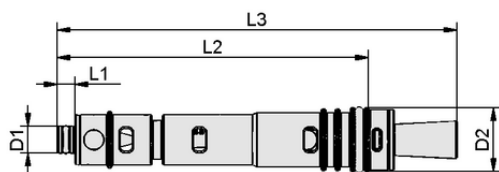
Attribute	Value
Hole diameter	13.0 mm
Degree of evacuation	85.0 %
Air consumption suction	23.5 l/min
Suction rate (max.)	42.5 l/min
Optimal operating pressure	4.00 bar
Number of stages	2
Pressure range (operating pressure) [bar]	2.0 ... 6.0 bar
Shape	High vacuum

SEP HV 2 07 13

Ejector modules ecoPump SEP are delivered as a ready-to-connect product.

Available spare parts: set of spare parts kit ERS-SET

Available accessories: holder cap SHC, silencer SD, fixation element SFE, mounting bracket BEF-WIN, mounting set SET, quick exhaust valve SEV

**Design data**

Attribute	Value
Length L1	5.00 mm
Length L2	41.50 mm
Outside diameter D1	5.4 mm
Outside diameter D2	12.8 mm
Length L3	55.50 mm

Design data SEP HV 2 07 13



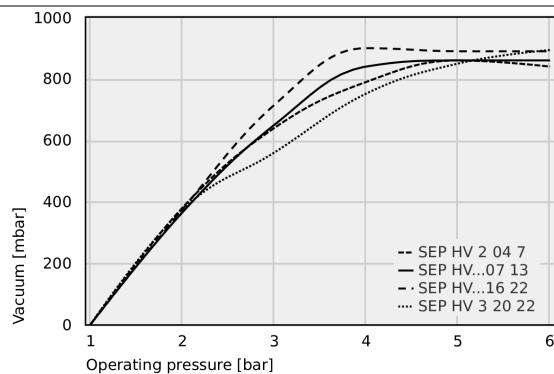
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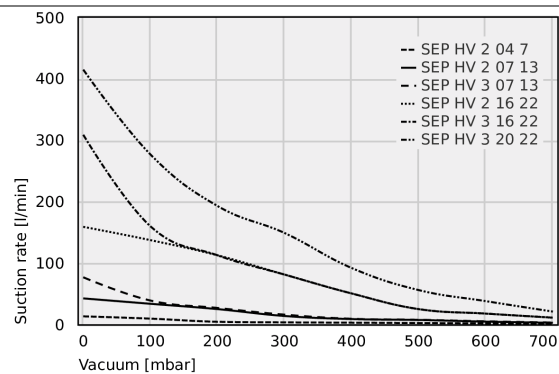
Attribute	Value
Hole diameter	13.0 mm
Recommended hose internal diameter compressed air	4.0 mm
Recommended hose internal diameter vacuum	6.0 mm
Degree of evacuation	85.0 %
Sound pressure level suction	62.0 dB(A)
Sound pressure level free	72.0 dB(A)
Weight	3.6 g
Air consumption suction	0.829 cfm
Suction rate (max.)	1.500 cfm
Optimal operating pressure	4.00 bar
Number of stages	2
Pressure range (operating pressure) [bar]	29.0 ... 87.0
Operating temperature	0 ... 60 °C
Optimal pressure	58.0 psi
Shape	High vacuum
Product family	SEP



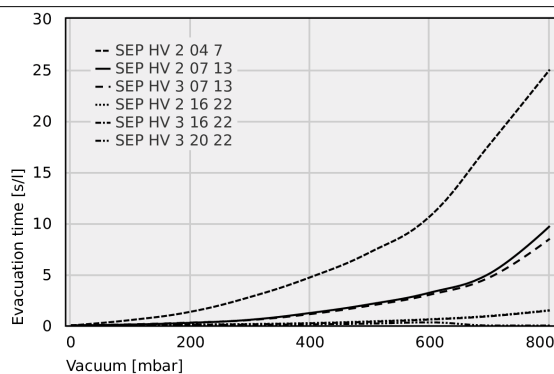
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**Performance data**

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
SEP HV 2 04 7	-	380.00	640.00	790.00	860.00	840.00
SEP HV...07 13	-	365.00	650.00	840.00	860.00	860.00
SEP HV...16 22	-	375.00	715.00	900.00	890.00	890.00
SEP HV 3 20 22	-	374.00	560.00	752.00	850.00	894.00



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

	0	100	200	300	400	500	600	700
SEP HV 2 04 7	13.2	9.5	4.4	3.4	2.9	2.3	1.7	1.2
SEP HV 2 07 13	42.46	33.67	25.01	13.79	8.78	7.3	4.64	2.7
SEP HV 3 07 13	76.83	39	26.9	16	9.27	7.6	5.12	3.1
SEP HV 2 16 22	159.00	137.36	112.67	81.25	50.5	25	17.7	11.1
SEP HV 3 16 22	308.89	160	112.67	81.25	50.5	25	17.7	11.1
SEP HV 3 20 22	415.00	277.00	193.00	149.00	92.00	56.00	38.00	21.00

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

	0	100	200	300	400	500	600	700	800
SEP HV 2 04 7	-	0.53	1.34	2.79	4.71	7.16	10.68	17.73	25
SEP HV 2 07 13	-	0.09	0.26	0.56	1.22	2.08	3.21	5.09	9.71
SEP HV 3 07 13	-	0.11	0.28	0.53	1.11	1.94	3.01	4.71	8.47
SEP HV 2 16 22	-	0.06	0.09	0.14	0.23	0.40	0.61	0.94	1.49
SEP HV 3 16 22	-	0.04	0.08	0.12	0.21	0.36	0.58	0.90	1.46
SEP HV 3 20 22	-	0.02	0.04	0.07	0.11	0.18	0.30	-	-

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.01.01394WWW.SCHMALZ.COM/10.02.01.01394

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**Ordering Data Accessories 10.02.01.01394**

Typ		Item number
Schmalz Holder Cap	SHC 2 13	10.02.01.01496
Silencer (round)	SD 16.5x51.5 SHC 13	10.02.01.01498
Schmalz Fixation Element	SFE 13 AL	10.02.01.01419
Schmalz Fixation Element	SFE 13 POM	10.02.01.01807
Mounting bracket	BEF-WIN 36x40x27 5 SFE-13	10.08.03.00314
Mounting set	SET SFE 13	10.02.01.01579
Quick release valve	SEV G1/8-IG G1/8-AG	10.02.01.01519

**Ordering Data Spare Parts 10.02.01.01394**

Typ		Item number
Set of spare parts	ERS SEP-13 6xRUE-KLAP	10.02.01.01449

