

Art.-Nr.: 10.02.01.01344

**Technical data**

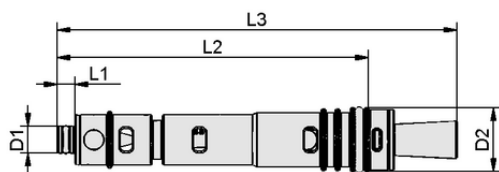
Attribute	Value
Hole diameter	13.0 mm
Degree of evacuation	70.0 %
Air consumption suction	18.7 l/min
Suction rate (max.)	67.3 l/min
Optimal operating pressure	4.00 bar
Number of stages	3
Pressure range (operating pressure) [bar]	2.0 ... 6.0 bar
Shape	High flow

SEP HF 3 06 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	63.50 mm
Outside diameter D1	5.4 mm
Outside diameter D2	12.8 mm
Length L3	81.50 mm

Design data SEP HF 3 06 13



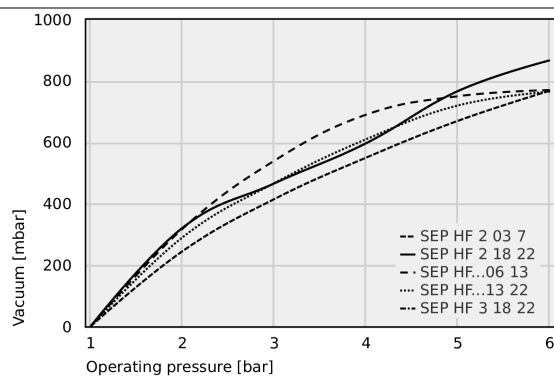
Art.-Nr.: 10.02.01.01344

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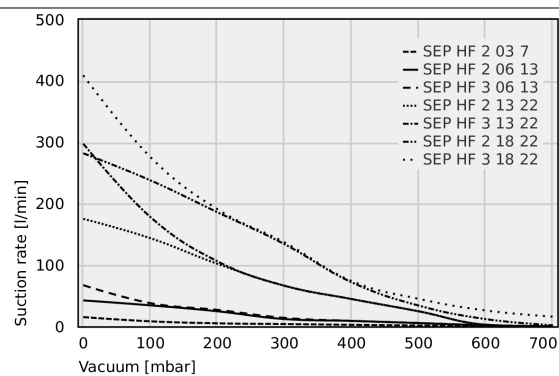
Attribute	Value
Hole diameter	13.0 mm
Recommended hose internal diameter compressed air	4.0 mm
Recommended hose internal diameter vacuum	6.0 mm
Degree of evacuation	70.0 %
Sound pressure level suction	57.0 dB(A)
Sound pressure level free	68.0 dB(A)
Weight	4.6 g
Air consumption suction	0.660 cfm
Suction 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
Shape	High flow
Product family	SEP



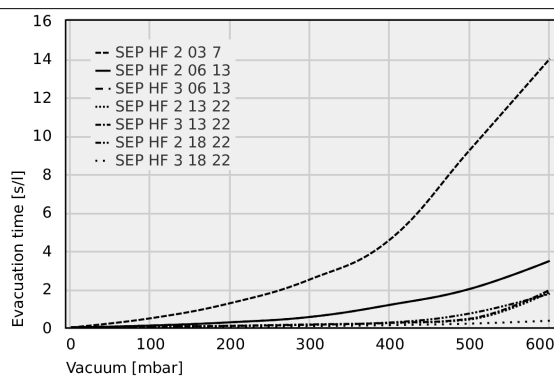
Art.-Nr.: 10.02.01.01344

**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 HF 2 03 7	0.00	245.00	415.00	550.00	670.00	768.00
SEP HF 2 18 22	0.00	321.00	466.00	597.00	767.00	867.00
SEP HF...06 13	0.00	318.00	540.00	690.00	750.00	770.00
SEP HF...13 22	0.00	290.00	467.00	610.00	720.00	765.00
SEP HF 3 18 22	0.00	321.00	466.00	597.00	767.00	867.00



Art.-Nr.: 10.02.01.01344

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

	0	100	200	300	400	500	600	700
SEP HF 2 03 7	15.25	8.38	5.13	3.88	2.63	1.50	0.00	-
SEP HF 2 06 13	42.44	34.39	24.73	12.08	9.09	5.52	1.84	-
SEP HF 3 06 13	67.28	38.00	27.03	14.00	9.09	5.52	1.84	0.69
SEP HF 2 13 22	175.26	143.80	102.00	66.33	44.67	24.67	2.88	-
SEP HF 3 13 22	297.60	178.30	106.10	66.30	44.70	24.70	2.90	-
SEP HF 2 18 22	282.00	238.00	186.00	134.00	72.00	34.00	12.00	2.00
SEP HF 3 18 22	409.00	276.00	191.00	137.00	74.00	45.00	26.00	16.00

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

	0	100	200	300	400	500	600
SEP HF 2 03 7	0.00	0.48	1.27	2.51	4.59	9.26	14
SEP HF 2 06 13	0.00	0.10	0.27	0.55	1.18	2.01	3.47
SEP HF 3 06 13	0.00	0.10	0.27	0.55	1.18	2.01	3.47
SEP HF 2 13 22	0.00	0.04	0.08	0.14	0.23	0.42	1.84
SEP HF 3 13 22	0.00	0.04	0.08	0.14	0.24	0.46	1.96
SEP HF 2 18 22	0.00	0.04	0.09	0.16	0.26	0.73	1.76
SEP HF 3 18 22	0.00	0.02	0.04	0.07	0.12	0.20	0.35

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.01.01344**Ordering Data Accessories 10.02.01.01344**

Typ		Item number
Schmalz Holder Cap	SHC 3 13	10.02.01.01497
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

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Ejector module

SEP HF 3 06 13



Art.-Nr.: 10.02.01.01344



Ordering Data Spare Parts 10.02.01.01344

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



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