

Art.-Nr.: 10.02.01.01341



Technical data

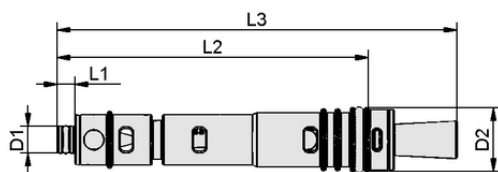
Attribute	Value
Hole diameter	7.0 mm
Degree of evacuation	55.0 %
Air consumption suction	5.0 l/min
Suction rate (max.)	15.3 l/min
Optimal operating pressure	4.00 bar
Number of stages	2
Pressure range (operating pressure) [bar]	2.0 ... 6.0 bar
Shape	High flow

SEP HF 2 03 7

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	3.50 mm
Length L2	20.10 mm
Outside diameter D1	4.4 mm
Outside diameter D2	6.8 mm
Length L3	33.00 mm

Design data SEP HF 2 03 7



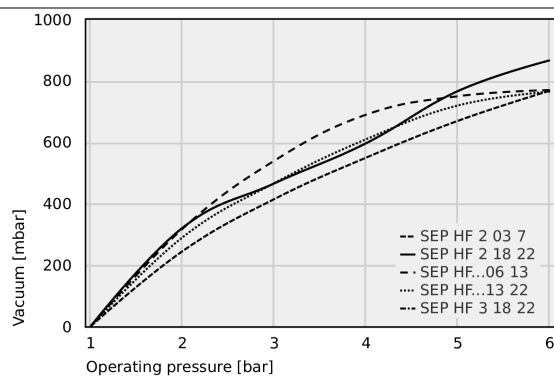
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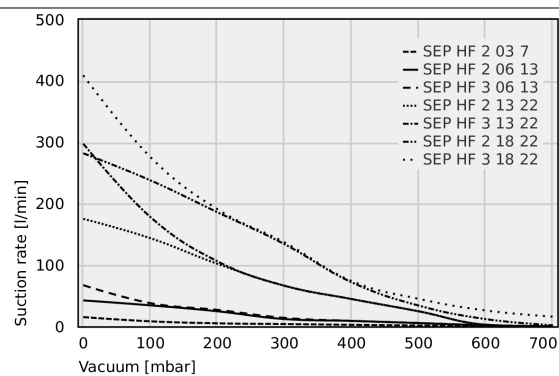
Attribute	Value
Hole diameter	7.0 mm
Recommended hose internal diameter compressed air	2.0 mm
Recommended hose internal diameter vacuum	4.0 mm
Degree of evacuation	55.0 %
Sound pressure level suction	54.0 dB(A)
Sound pressure level free	63.0 dB(A)
Weight	0.8 g
Air consumption suction	0.176 cfm
Suction rate (max.)	0.540 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 flow
Product family	SEP



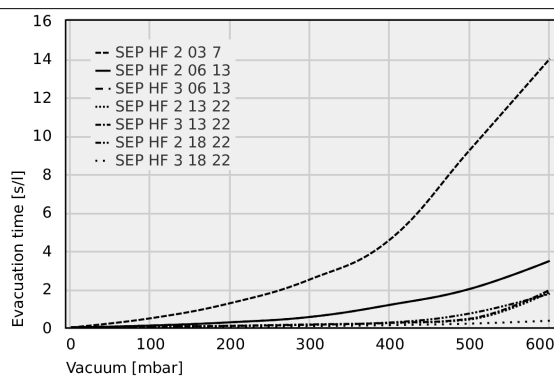
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**Performance data**

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 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

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**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/10.02.01.01341**Ordering Data Accessories 10.02.01.01341**

Typ		Item number
Schmalz Holder Cap	SHC 2 7	10.02.01.01510
Schmalz Fixation Element	SFE 7 AL	10.02.01.01464
Schmalz Fixation Element	SFE 7 POM	10.02.01.01808
Mounting bracket	BEF-WIN 30x40x25.5 4 SFE-7	10.08.03.00313

**Ordering Data Spare Parts 10.02.01.01341**

Typ		Item number
Set of spare parts	ERS SEP-07 6xRUE-KLAP	10.02.01.01448

WWW.SCHMALZ.COM/10.02.01.01341