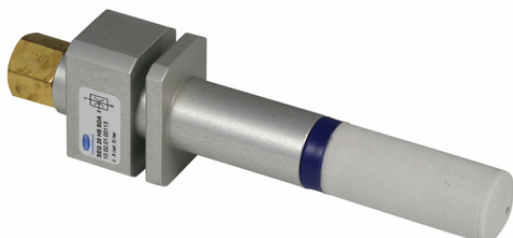


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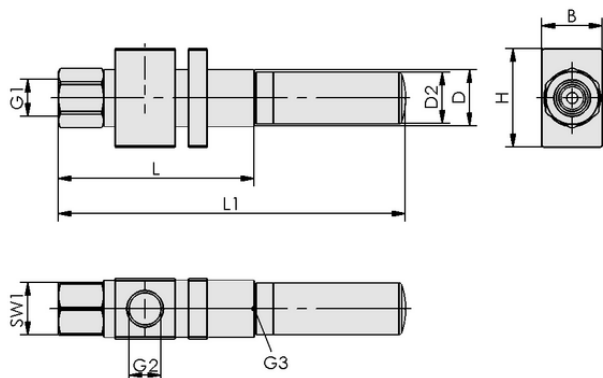
Technical data

Attribute	Value
Nozzle diameter	2.0 mm
Air consumption suction	186.0 l/min
Suction rate (max.)	124.0 l/min
Additional function ejector	Silencer axial
Shape	For high vacuum

SEG 20 HS SDA

The basic ejector SEG is delivered as a ready-to-connect product.

Available spare parts: silencer



Design data

Attribute	Value
Length L1	146.00 mm
Length L	90.00 mm
Width B	26.00 mm
Height H	38.00 mm
Outside diameter D2	20.0 mm
Outside diameter D	20.00 mm
Thread G1	G1/4"-F
Thread G2	G1/4"-F
Key width SW1	17.0 mm
Thread G3	G3/8"-F

Design data SEG 20 HS SDA



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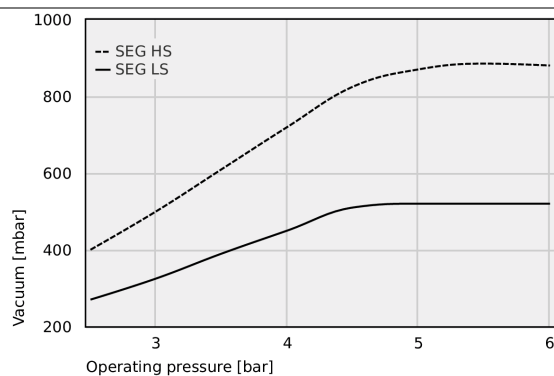
**Technical data**

Attribute	Value
Nozzle diameter	2.0 mm
Recommended hose internal diameter compressed air	4.0 mm
Recommended hose internal diameter vacuum	9.0 mm
Degree of evacuation	85.0 %
Sound pressure level suction	68.0 dB(A)
Sound pressure level free	75.0 dB(A)
Weight	130.0 g
Air consumption suction	6.568 cfm
Suction rate (max.)	4.378 cfm
Optimal operating pressure	5.00 bar
Pressure range (operating pressure) [bar]	43.5 ... 87.0
Operating temperature	-10 ... 80 °C
Optimal pressure	72.5 psi
Product family	SEG

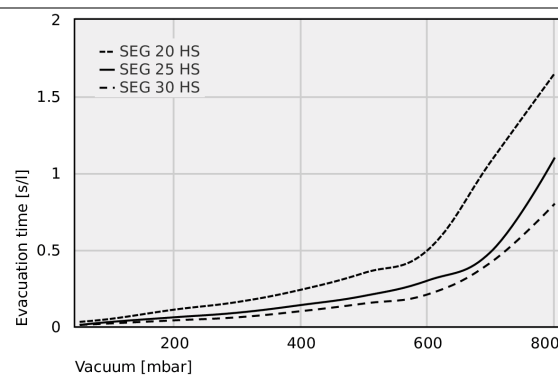
Note: Air consumption: At optimal operating pressure Hose diameter: For max. length 2 m



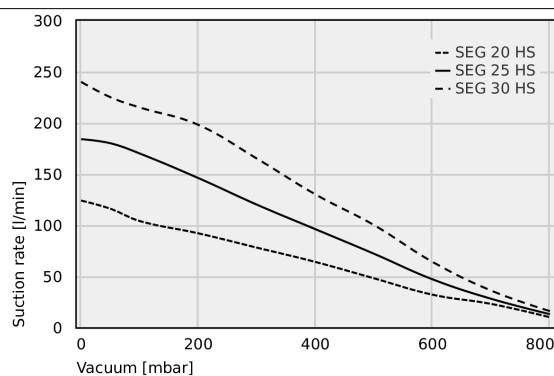
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**Performance data**

Achievable vacuum at various operating pressures



Evacuation time for various vacuum ranges [s/l]



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

**Achievable vacuum at various operating pressures**

	2.5	3	3.5	4	4.5	5	5.5	6
SEG HS	400.00	500.00	610.00	720.00	825.00	870.00	885.00	880.00
SEG LS	270.00	325.00	390.00	450.00	510.00	520	520	520



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

	50	100	200	300	400	500	600	700	800
SEG 20 HS	0.03	0.05	0.11	0.16	0.24	0.35	0.50	1.08	1.65
SEG 25 HS	0.01	0.03	0.06	0.09	0.14	0.20	0.3	0.49	1.10
SEG 30 HS	0.01	0.02	0.04	0.06	0.10	0.15	0.21	0.42	0.80

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

	0	50	100	200	300	400	500	600	700	800
SEG 20 HS	124	116	104	92	78	64	48	32	23	10
SEG 25 HS	184	180	170	146	120	96	72	47	28	13
SEG 30 HS	240	225	215	198	165	130	100	64	36	16

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.01.00113**Ordering Data Accessories 10.02.01.00113**

Typ	Item number
Vacuum cup filter	VFT G1/4-IG 100 10.07.01.00120

**Ordering Data Spare Parts 10.02.01.00113**

Typ	Item number
Silencer (round)	SD G3/8-AG 20x56 SEG 10.02.01.00905