

# Basic Ejector SEG 20 LS



Art.-Nr.: 10.02.01.00252



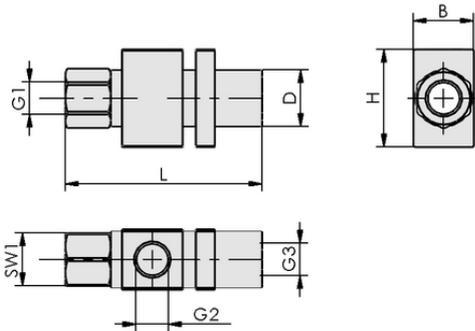
## Technical data

Nozzle diameter	2.0 mm
Air consumption suction	186.0 l/min
Suction rate (max.)	170.0 l/min
Shape	For high suction capacity

SEG 20 LS

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

Available spare parts: silencer



## Design data

Length L	90.00 mm
Width B	26.00 mm
Height H	38.00 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 LS



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Basic Ejector  
**SEG 20 LS**



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**Technical data**

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	55.0 %
Weight	118.00 g
Air consumption suction	6.568 cfm
Suction rate (max.)	6.003 cfm
Optimal operating pressure	5.00 bar
Pressure range (operating pressure) [bar]	3.0 ... 6.0 bar
Operating temperature	-10 ... 80 °C
Pressure range (operating pressure) [psi]	43.5 ... 87.0
Optimal pressure	72.5 psi
Product family	SEG

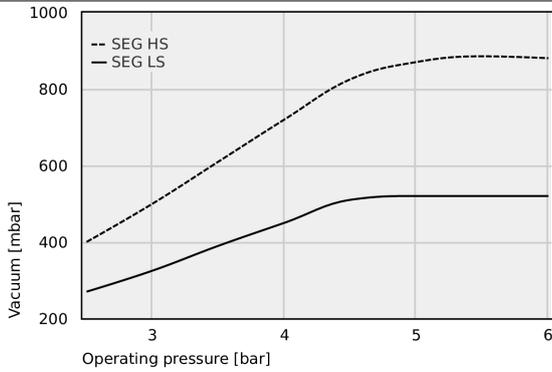
Note: Air consumption: At optimal operating pressure Hose diameter: For max. length 2 m



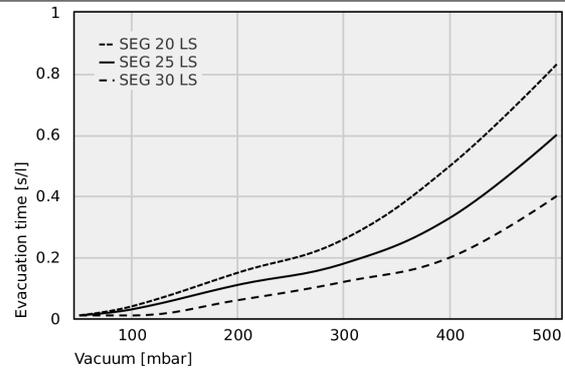
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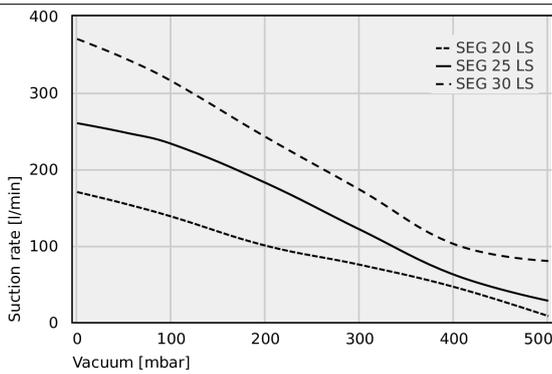
**Performance data**



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
SEG 20 LS	0.01	0.04	0.15	0.26	0.50	0.83
SEG 25 LS	0.01	0.03	0.11	0.18	0.33	0.60
SEG 30 LS	0.01	0.01	0.06	0.12	0.20	0.40



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

	0	50	100	200	300	400	500
SEG 20 LS	170	155	138	100	75	46	8
SEG 25 LS	260	248	233	182	121	62	28
SEG 30 LS	370	345	315	242	173	102	80



**Ordering Data Accessories 10.02.01.00252**

Typ		Item number
Vacuum cup filter	VFT G3/8-IG 80	10.07.01.00122



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