

Compact ejectors

Ejectors with blow-off system SEA



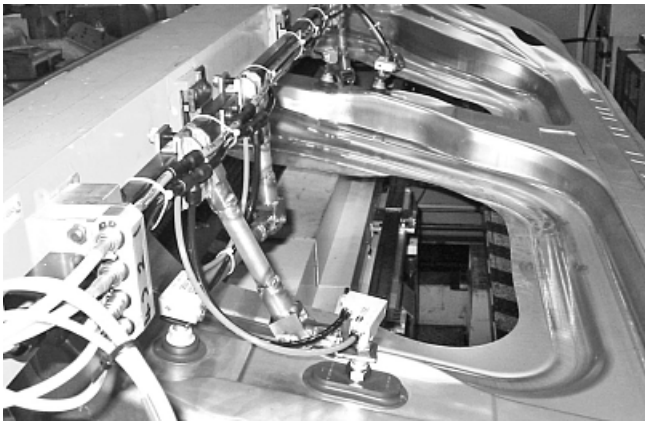
Ejector with blow-off system SEA

Our highlights...

- Powerful compact ejector for inline installation
- Pneumatically controlled blow-off pulse
- Very small size and low weight

Your advantages...

- >Rapid evacuation due to small internal volume, for mounting directly on the suction pad
- >Powerful blow-off pulse reduces the cycle times in automatic operation
- >Particularly suitable for systems with highly dynamic motion



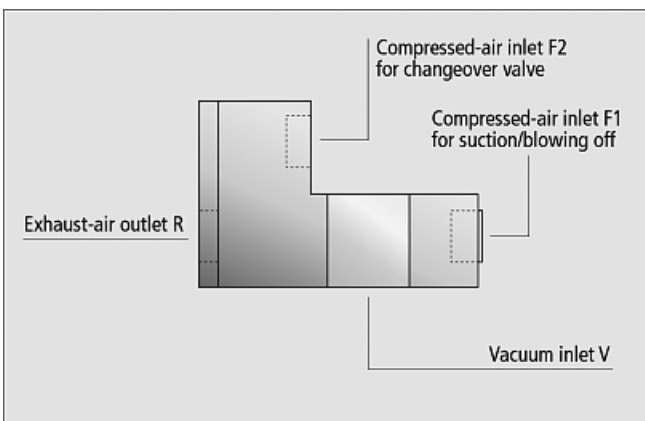
Vacuum spider with ejectors SEA used in the automobile industry

Applications

- Various applications with short cycle times, such as in machining of sheet metal, the automobile industry, packing machines and industrial robots

Construction

- Body made of anodized aluminum
- Integrated release function
- Optional silencer



System design compact ejector SEA



Suitability for branch-specific applications

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Designation code Ejectors with blow-off system SEA

Short designation	Nozzle size in mm*10
Example: SEA	10
SEA	10...1.0 mm

Ordering data Ejectors with blow-off system SEA

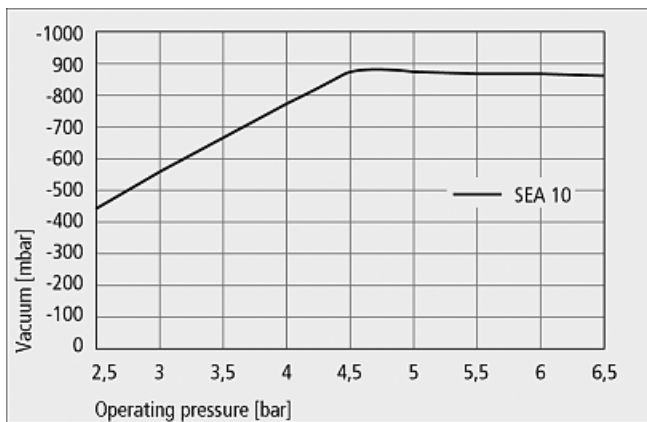
Type	Ejector	Additional silencer
SEA 10	10.02.02.00298	10.07.07.00013

Technical data Ejectors with blow-off system SEA

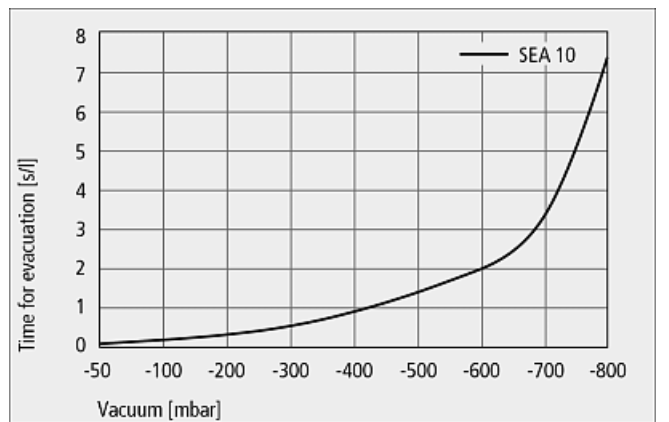
Type	Nozzle-Ø [mm]	Degree of evacuation [%]	Max. suction rate [l/min]	Max. suction rate [m³/h]	Air consumpt. during evac. [l/min]*	Air consumpt. during evac. [m³/h]*	Air consumption blow off [l/min]	Operating pressure [bar]	Weight [g]
SEA 10	1,0	90	34,0	1,7	60,0	3,3	76	5	90

*At optimal operating pressure

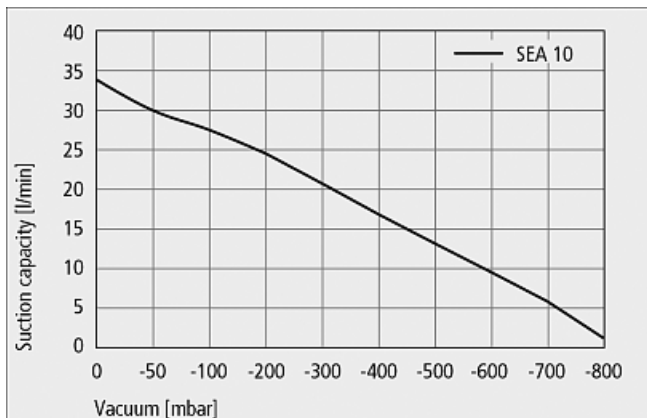
Performance data Ejectors with blow-off system SEA



Achievable vacuum at various operating pressures



Evacuation times for various vacuum ranges



Suction capacity at various degrees of evacuation

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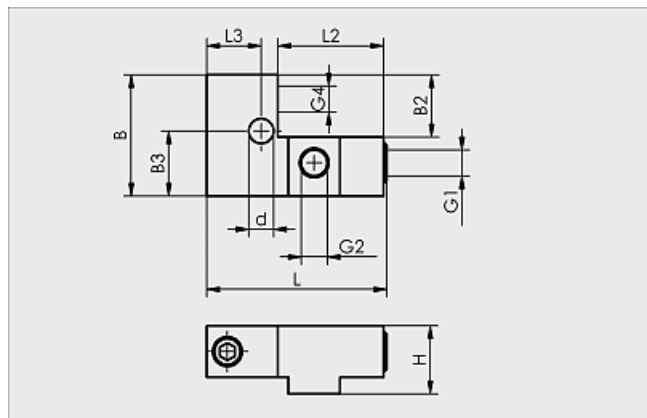


Suction capacity in l/min at various degrees of evacuation

Type	Degree of evacuation in mbar									
	0	-50	-100	-200	-300	-400	-500	-600	-700	-800
SEA 10	34.0	30.0	27.7	24.4	21.6	17.0	13.4	9.6	6.0	1.5

Evacuation time in s/l for various vacuum ranges

Type	Degree of evacuation in mbar									
	-50	-100	-200	-300	-400	-500	-600	-700	-800	
SEA 10	0.09	0.16	0.34	0.59	0.96	1.42	2.03	3.30	7.36	



SEA 10

Design data SEA

Type	Dimensions in mm					
	B	B2	B3	d	d3	G1
SEA 10	40	20,5	20,5	8,2	-	G1/8-F

Type	Dimensions in mm					
	G2	G4	H	L	L2	L3
SEA 10	G1/8-F	G1/8-F	22,5	59,5	36	18