

Compact ejectors

Ejectors with blow-off system SEAC



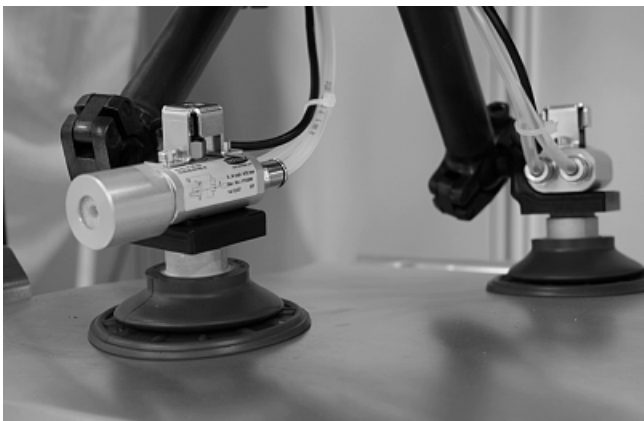
Ejectors with blow-off system SEAC / SEAC VE-SH

Our highlights...

- Short gripping and blow-off times
- Minimum size and low weight
- Suitable for modular ejector-holder system
- With silencer
- Optionally available with vacuum switch

Your advantages...

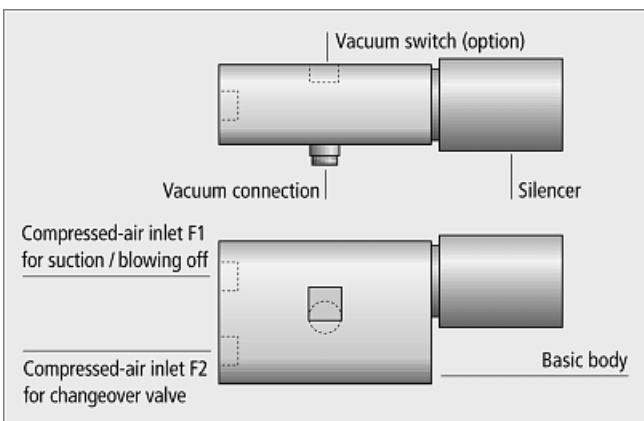
- >Very short cycle times in automated operations
- >Particularly suitable for highly dynamic systems
- >Direct mounting of suction pad and connector
- >Reduced noise level
- >System monitoring function for optimisation of cycle times



Vacuum spider with ejectors SEAC VE-SH used in the automobile industry

Applications

- Many different applications with short cycle times, such as in sheet-metal working, the automotive industry, in packaging machines and robot technology



System design compact ejector SEAC / SEAC VE-SH



Construction

- Body made of anodised aluminium
- Integrated blow-off function
- Optional vacuum switch with fixed switching point at 600 mbar, 3-metre connection cable and protective cover with pull-relief

Suitability for branch-specific applications

Compact ejectors

Ejectors with blow-off system SEAC



Designation code Ejectors with blow-off system SEAC

Short designation	Nozzle size in mm*10	System monitoring
Example: SEAC	10	VE-SH
SEAC	07...0.7 mm 10...1.0 mm 15...1.5 mm	-...without vacuum switch VE-SH...with vacuum switch incl. cover

Ordering data Ejectors with blow-off system SEAC

Type	Ejector
SEAC-07	10.02.02.03177
SEAC-07 VE-SH	10.02.02.03220
SEAC-10	10.02.02.02430
SEAC-10 VE-SH	10.02.02.03152
SEAC-15	10.02.02.03063
SEAC-15 VE-SH	10.02.02.03221

Technical data Ejectors with blow-off system SEAC

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]
SEAC-07	0,7	85	17	1,0	20	1,2	29	4,0	95
SEAC-07 VE-SH	0,7	85	17	1,0	20	1,2	29	4,0	190
SEAC-10	1,0	85	35	2,1	52	3,1	60	4,5	95
SEAC-10 VE-SH	1,0	85	35	2,1	52	3,1	60	4,5	190
SEAC-15	1,5	85	71	4,3	115	6,9	130	4,5	95
SEAC-15 VE-SH	1,5	85	71	4,3	115	6,9	130	4,5	190

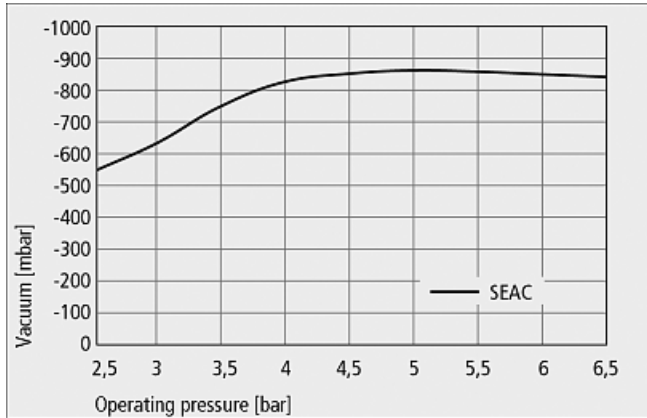
*At optimal operating pressure

Compact ejectors

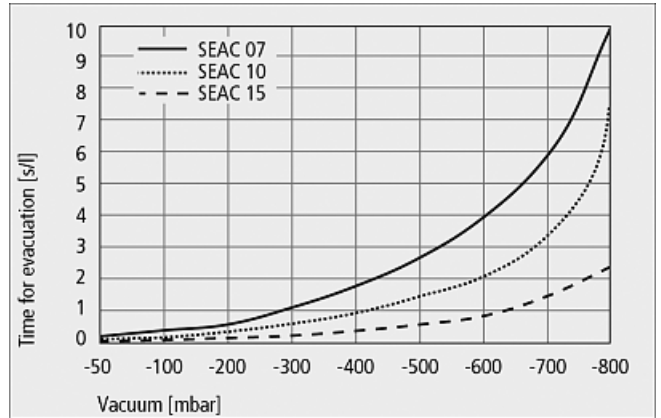
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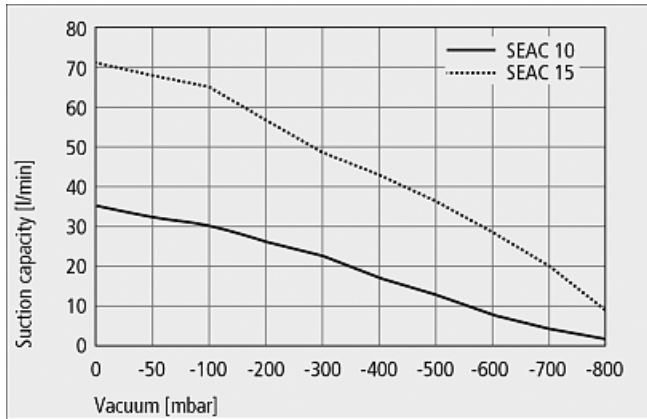
Performance data Ejectors with blow-off system SEAC



Achievable vacuum at various operating pressures



Evacuation times for various vacuum ranges



Suction capacity at various degrees of evacuation

Suction capacity in l/min at various degrees of evacuation

Typ	Degree of evacuation in mbar									
	0	-50	-100	-200	-300	-400	-500	-600	-700	-800
SEAC 07	17.0	16.0	14.0	10.0	6.7	3.9	1.9	0.7	0.2	0.1
SEAC 10	35.0	32.0	30.0	27.0	23.5	18.0	12.0	8.0	4.5	2.0
SEAC 15	71.0	68.0	65.0	57.0	49.0	43.0	37.0	29.0	20.0	9.0

Evacuation time in s/l for various vacuum ranges

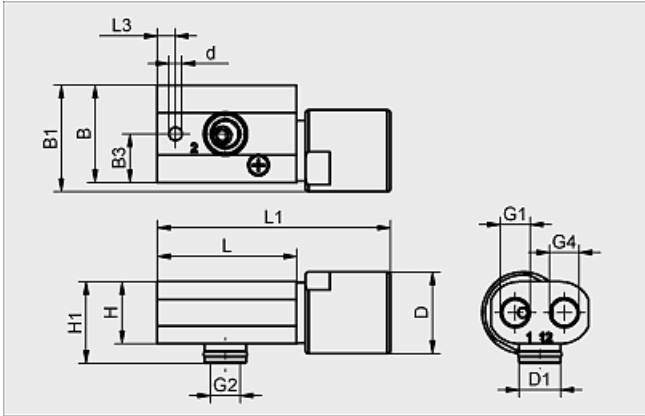
Typ	Degree of evacuation in mbar									
	-50	-100	-200	-300	-400	-500	-600	-700	-800	
SEAC 07	0.22	0.41	0.66	1.10	1.82	2.76	3.98	5.93	9.96	
SEAC 10	0.09	0.16	0.34	0.59	0.96	1.42	2.03	3.30	7.36	
SEAC 15	0.08	0.12	0.16	0.27	0.43	0.62	0.87	1.32	2.33	

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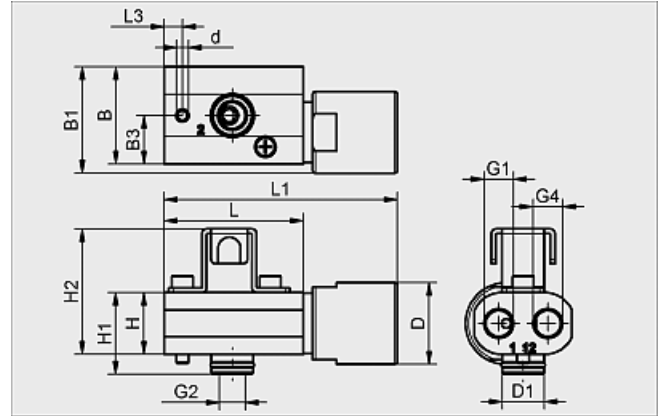
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Design data SEAC



SEAC



SEAC VE-SH

Type	Dimensions in mm														
	B	B1	B3	d	D	D1	G1	G2	G4	H	H1	H2	L	L1	L3
SEAC	32	35,2	16,1	4,3	27	13,8	G1/8"-F	G1/8"-F	G1/8"-F	20,5	27	-	46	77	6
SEAC VE-SH	32	35,5	16,1	4,3	27	13,8	G1/8"-F	G1/8"-F	G1/8"-F	20,5	27	42,0	46	77	6