

			Suction rate [l/min]						Nozzle size [mm]					Technical data					
			1 – 10	11 – 100	101 – 500	501 – 1,000	1,001 – 5,000	5,001 – 10,000	0 – 0.5	0.5 – 1	1 – 2	2 – 3	3 – 4	Max. vacuum [%]	Operating pressure [bar]	Operating temperature [°C]	Weight [g]		
Schmalz – The Company	Vacuum Suction Cups	Special Grippers																	
Gripping Systems	Ejector modules																		
	SEP		13 – 309							0.3 – 1.6						60/91	3 – 5	0 – 60	0.8 – 22.8
	Basic ejectors																		
Clamping Systems	SEG		7 – 370							0.5 – 3					55/85	3 – 6	-10 – 80	10 – 404	
	SBP		8 – 215							0.5 – 2.5					85	3 – 6	0 – 60	7.5 – 50	
	SBP-C		8 – 215							0.5 – 2.5					85	3 – 6	0 – 60	87 – 143	
Mounting Elements	SBP-HV/HF		13 – 309							0.3 – 1.6					60/91	3 – 5	0 – 60	29 – 295	
	SBPL				290 – 1,140					1.3 – 1.5 ¹⁾					60/91	3 – 5	0 – 60	750 – 1,500	
	Inline ejectors																		
Vacuum Generators	SLP		8 – 16							0.5 – 0.7					85	3 – 6	0 – 60	5	
	VR		7 – 21							0.5 – 0.9					87/90	3 – 6	0 – 60	15	
	Decentralized ejectors																		
Valve Technology	SEAC			35						1.0					85	3 – 6	0 – 50	62 – 157	
	SEAC RP			35						1.0					85	3 – 6	0 – 50	180	
	SEAC ECO			35						1.0					85	4 – 6	0 – 60	95	
Switches and Monitoring	Feed ejectors																		
	SCPM		6 – 23							0.5 – 1.0					85	3 – 6	0 – 45	80	
	SCPS		16 – 67							0.7 – 1.5					85	2 – 6	0 – 50	195	
Filters and Connections	SCPSi		16 – 67							0.7 – 1.5					85	2 – 6	0 – 50	165	
	SCPSb		16 – 67							0.7 – 1.5					85	2 – 6	0 – 50	195	
	SCPi/SMPi			75 – 195					1.5 – 2.5					85	4 – 7	0 – 50	560		
Services	SXPi/SXMPi			185 – 220					2.5 – 3.0					85	4 – 7	0 – 50	770 – 910		
	SEM-C				338 – 673					1.3 ²⁾					81 – 87	4 – 6	0 – 50	1,600 – 2,200	
	Compact ejectors																		
Contact	ECBPi			12										75	–	5 – 45	775		
	EVE-TR		215 – 8,640											92	–	0 – 45	2.4 – 250 (kg)		
	EVE-OG		166 – 4,250											98	–	-20 – 210	19 – 195 (kg)		
Glossary	SGBL-DG			1,300 – 9,000										11 – 46	–	0 – 40	11 – 1,125 (kg)		
	SB			1,250 – 20,000										11 – 41	–	0 – 40	13 – 125 (kg)		

¹⁾ The SBPL ejector can be expanded with up to 6 nozzles on a modular basis

²⁾ The SEM-C ejector can be expanded with up to 4 nozzles on a modular basis

Vacuum Suction Cups

Special Grippers

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Valve Technology

Switches and Monitoring

Filters and Connection

Services

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Glossary

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³⁾ No filter, but sieve ⁴⁾ Atmospheric ventilation