



Vacuum generation | Multi-chamber ejectors

Multi-chamber ejectors, low suction power

Multi-chamber ejectors, low suction power



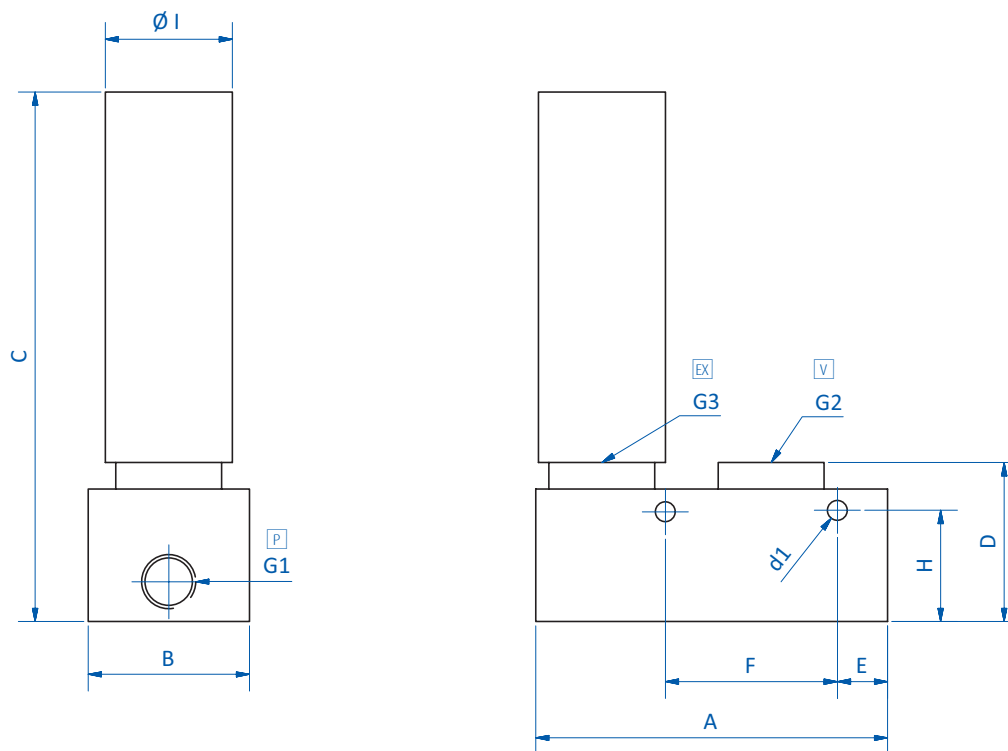
Product notes

- > Handling of air-permeable products, or for high leakages
- > High suction power for short evacuation times and fast vacuum build-up
- > Low space requirements due to small construction size (65.310 - 65.330)
- > Particularly fast product release due to additional compressed air inlet for blow-off (65.410)
- > Noise-optimized operation due to open silencer
- > Industry examples: Packaging and printing

Technical data

Item no.	Optimal operating pressure [bar (psi)]	Max. operating pressure [bar (psi)]	Final vacuum [%]	Suction power [l/min]	Air consumption at 6 bar (87 psi) [l/min]	Evacuation time 0 to 70 % [s/l]	Weight [g]
65.310	6 (87)	7 (101.5)	85	140	54	1.95	90
65.320	6 (87)	7 (101.5)	85	280	108	1.07	90
65.330	6 (87)	7 (101.5)	85	320	144	0.5	170
65.410	6 (87)	7 (101.5)	85	300	95	1.15	620

Dimensions

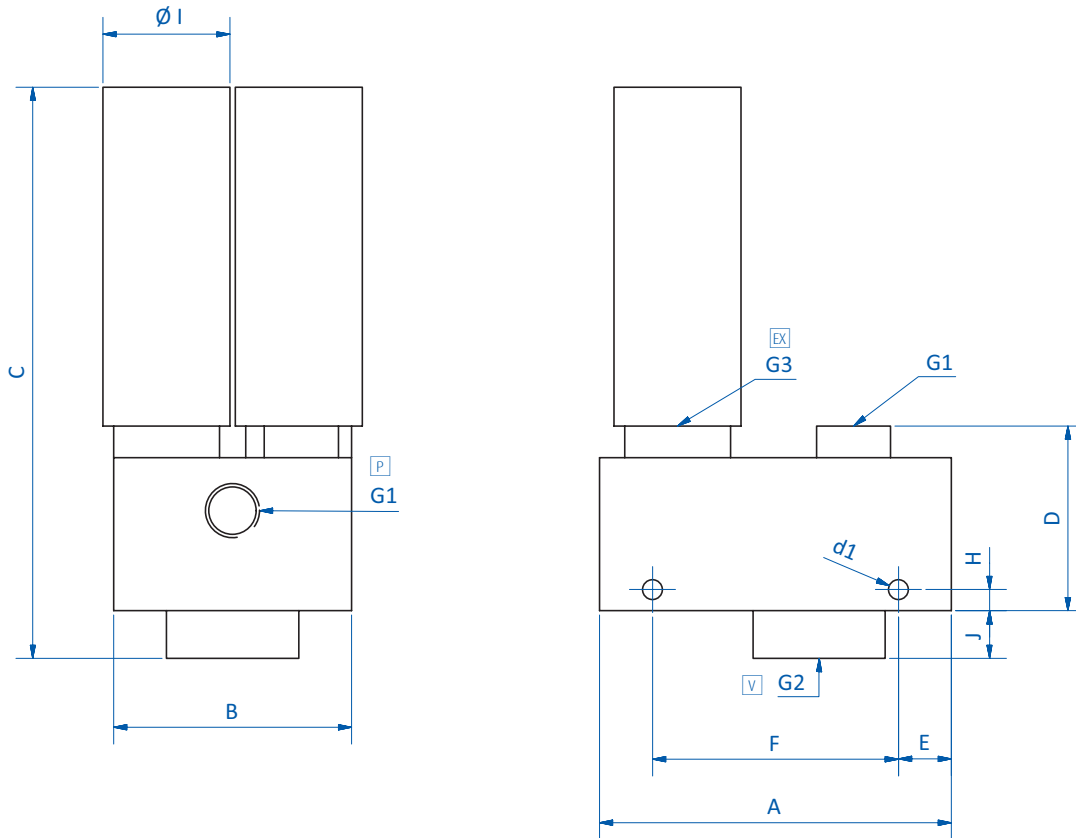


65.310 | 65.320

P = Compressed air connection V = Vacuum connection Ex = Exhaust $G1$ = Compressed air connection for blow-off



Dimensions



65.330

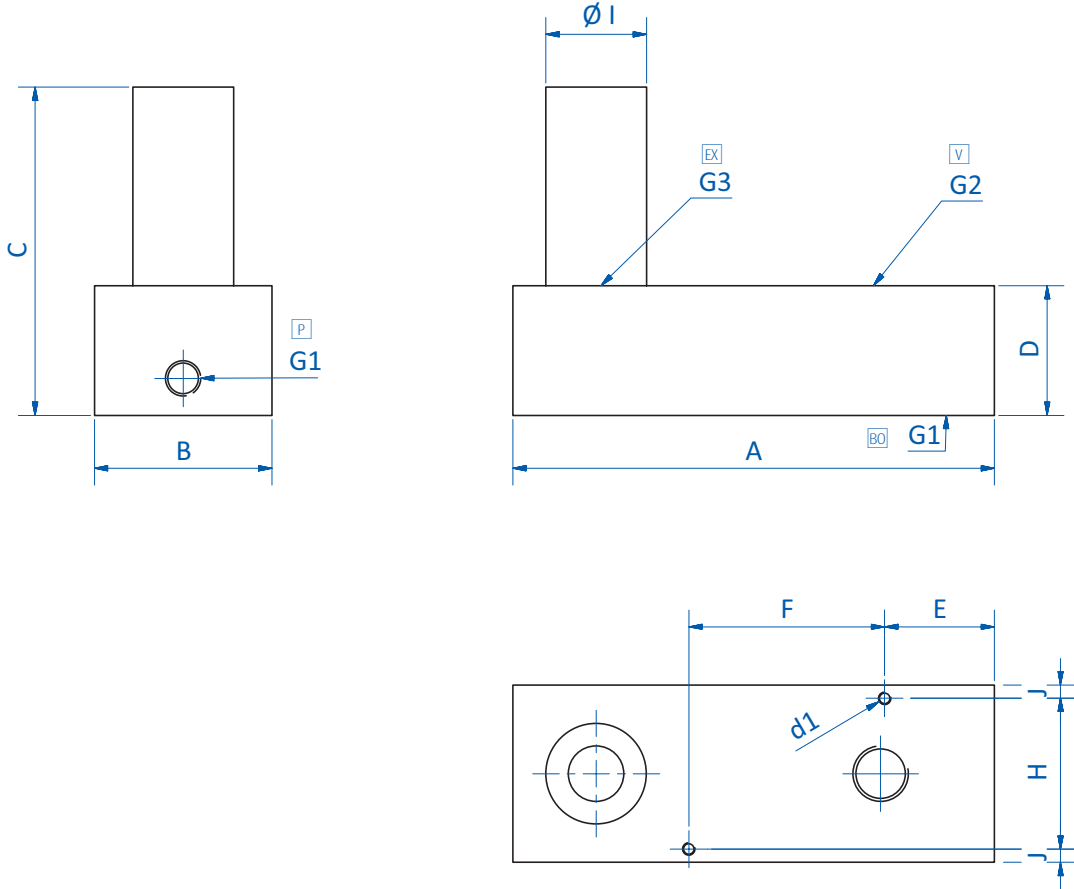
\boxed{P} = Compressed air connection \boxed{V} = Vacuum connection \boxed{EX} = Exhaust \boxed{G} = Compressed air connection for blow-off



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Dimensions



65.410

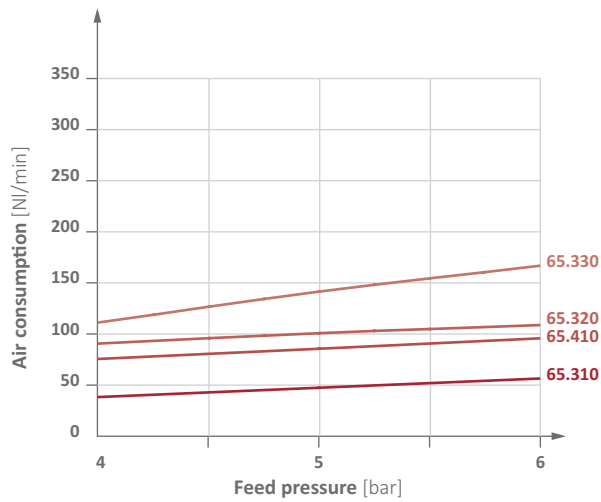
P = Compressed air connection V = Vacuum connection EX = Exhaust BO = Compressed air connection for blow-off

Item no.	G1	G2	G3	A [mm]	B [mm]	C [mm]	D [mm]	d1	E [mm]	F [mm]	H [mm]	Ø I [mm]	J [mm]
65.310	G1/8	G3/8	G3/8	66.5	30.5	100	30	3.7	9.5	32.5	21	24	--
65.320	G1/8	G3/8	G3/8	66.5	30.5	100	30	3.7	9.5	32.5	21	24	--
65.330	G1/8	G1/2	G3/8	66.5	45	107.9	35	3.7	10	46.5	4	24	9
65.410	G1/4	G1/2	G3/4	182	67	124	49	M4	41.5	74	57	38	5

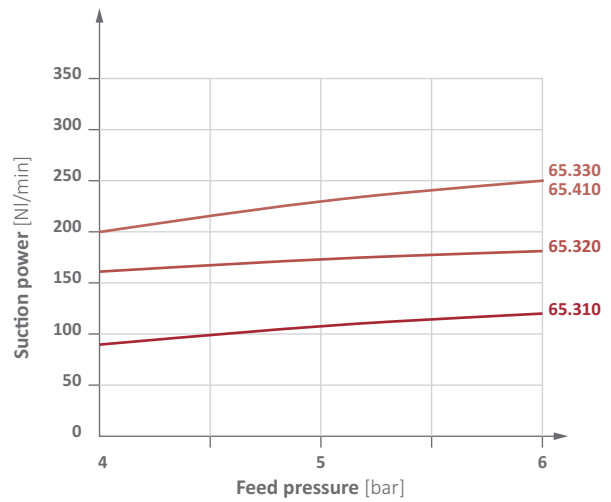


Diagrams

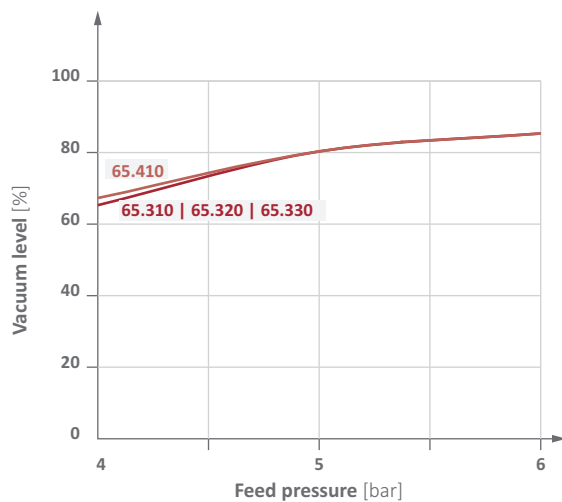
> Air consumption against feed pressure



> Suction power against feed pressure



> Vacuum level against feed pressure



Suction power [NI/min] at vacuum level

Item no.	10 %	20 %	30 %	40 %	50 %	60 %	70 %	80 %
65.310	89	62	38	22	18	10	5	--
65.320	130	81	52	30	22	14	8	--
65.330	178	116	91	63	44	15	6	--
65.410	175	118	58	42	33	23	16	10