EJ-LINE-SMALL

- Can be integrated near the gripping point, lightweight
- Clampable in-line design, to optimise overall dimensions
- No reduction of suction flow rate
- Flexible, enables the use of in-line or elbow fittings
- G1/8" vacuum ports
- Available with the two-stage EJ-SMALL cartridge (EJ-LP, EJ-HF, EJ-HV)

Typical applications

- Automated equipment for plastic moulding
- Handling of metal sheets or plates (laser cutting, bending and punching machines)
- Pick-and-place (labelling machines)



Application example



Technical features	
Medium	Compressed air in compliance with ISO 8573-1:2010 [7:4:4]
Max feed pressure	0.7 MPa
Weight	16.5 g
Material	PA, Al, Nitrile (NBR)
Noise level	< 70 dB

Suction flow rate

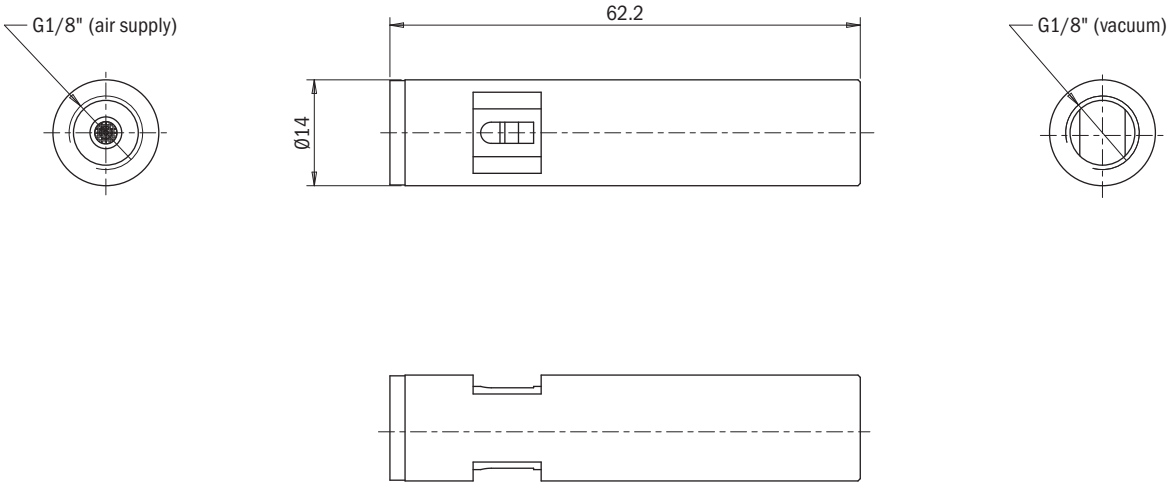
Model	Feed pressure	Air consumption	Suction flow rate [Nl/s] at different vacuum levels [kPa]										Max vacuum
	[MPa]	[Nl/s]	0	-10	-20	-30	-40	-50	-60	-70	-80	-90	[kPa]
EJ-LINE-S-LP-2-G1/8	0.22	0.17	0.25	0.18	0.08	0.05	0.04	0.025	0.018	0.0053	–	–	-82
EJ-LINE-S-HF-2-G1/8	0.6	0.15	0.29	0.18	0.10	0.08	0.05	0.041	0.033	0.025	–	–	-78
EJ-LINE-S-HV-2-G1/8	0.5	0.13	0.22	0.16	0.10	0.06	0.05	0.04	0.02	0.01	0.01	–	-92

For technical specifications, regarding the suction flow rate and the air consumption at different pressures, please refer to the technical data sheets of the EJ-SMALL-2 cartridges

Evacuation time

Model	Feed pressure	Air consumption	Evacuation time [s/l] to reach different vacuum levels [kPa]									Max vacuum
	[MPa]	[Nl/s]	-10	-20	-30	-40	-50	-60	-70	-80	-90	[kPa]
EJ-LINE-S-LP-2-G1/8	0.22	0.17	0.47	1.23	2.77	5.0	8.07	12.70	21.30	59.01	–	-82
EJ-LINE-S-HF-2-G1/8	0.6	0.15	0.43	1.14	2.25	3.8	6.0	8.7	12.1	–	–	-78
EJ-LINE-S-HV-2-G1/8	0.5	0.13	0.53	1.30	2.55	4.4	6.6	9.9	16.6	36.6	–	-92

For technical specifications regarding evacuation time and consumption at different pressures, please refer to the technical data sheets of the EJ-SMALL-2 cartridges



Identification codes

Alphanumeric code	Description	Order code
EJ-LINE-S-LP-2-G1/8	EJ-LINE-SMALL-LP-2 G1/8" vacuum pump	3330084
EJ-LINE-S-HF-2-G1/8	EJ-LINE-SMALL-HF-2 G1/8" vacuum pump	3330085
EJ-LINE-S-HV-2-G1/8	EJ-LINE-SMALL-HV-2 G1/8" vacuum pump	3330086