

EJ-SMALL cartridges for integration

EJ-SMALL-HF-2

- Two-stage EJ-SMALL-HF-2 cartridge with extremely compact dimensions
- Can be integrated near the gripping point, lightweight
- Ideal for high speed Pick & Place applications
- Suitable for handling porous objects
- Maximum vacuum level (-78 kPa)
- Available in the cartridge-only or cartridge with holder versions



Technical features

Max feed pressure	0.7 MPa
Temperature range	+14 - +176 °F
Weight	0.6 ÷ 1.9 g

Suction flow rate

Feed pressure [MPa]	Air consumption [NI/s]	Suction flow rate [NI/s] at different vacuum levels [kPa]								Max vacuum [kPa]
		0	-10	-20	-30	-40	-50	-60	-70	
0.4	0.12	0.26	0.13	0.08	0.07	0.06	0.04	0.02	—	-65
0.5	0.13	0.28	0.16	0.09	0.08	0.05	0.04	0.02	—	-72
0.6	0.15	0.29	0.18	0.10	0.08	0.05	0.041	0.033	0.025	-78

Evacuation time

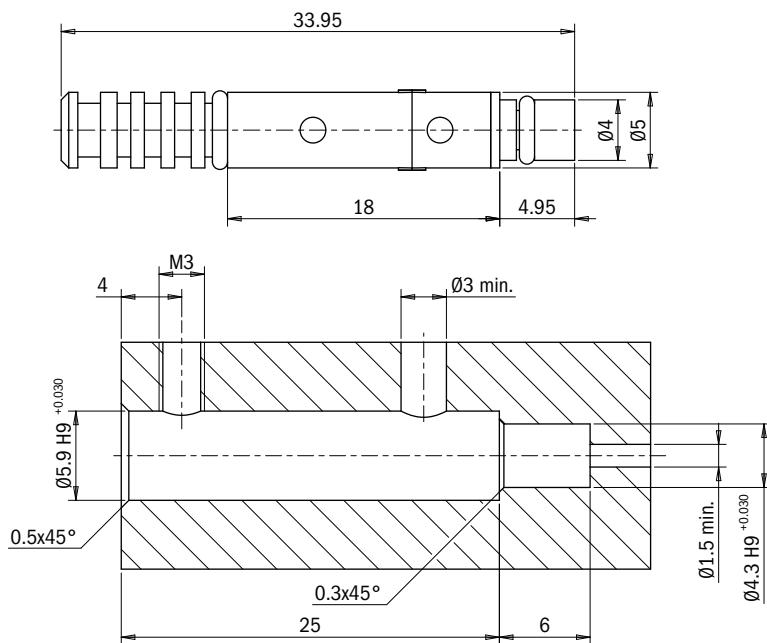
Feed pressure [MPa]	Air consumption [NI/s]	Evacuation time [s/l] to reach different vacuum levels [kPa]							Max vacuum [kPa]
		-10	-20	-30	-40	-50	-60	-70	
0.4	0.12	0.51	1.47	2.8	4.3	6.3	9.7	—	-65
0.5	0.13	0.45	1.25	2.43	4.0	6.2	9.5	—	-72
0.6	0.15	0.43	1.14	2.25	3.8	6.0	8.7	12.1	-78



Identification codes

Drawing	Alphanumeric code	Description	Order code
A	EJ-S-HF-2	EJ-SMALL-HF-2 without holder	3300003
B	EJ-S-HF-2-H	EJ-SMALL-HF-2 with holder	3300004

[A]



[B]

