

EJ-MEDIUM cartridges for integration

EJ-MEDIUM-HV-2

- Two-stage EJ-MEDIUM-HV-2 cartridge with compact dimensions
- Can be integrated near the gripping point, lightweight
- Suitable for handling sealed objects
- Fast response times at high vacuum levels
- Maximum vacuum level (-94 kPa)
- Available in the cartridge-only or cartridge with holder and integrated silencer versions



Technical features

Max feed pressure	0.7 MPa
Temperature range	+14 - +176 °F
Weight	2.2 ± 15 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	-80	-90	
0.5	0.47	0.76	0.63	0.54	0.32	0.17	0.15	0.11	0.07	0.05	0.01	-94
0.55	0.54	0.77	0.64	0.54	0.33	0.20	0.15	0.10	0.07	0.04	0.01	-92
0.6	0.55	0.74	0.63	0.53	0.47	0.29	0.14	0.10	0.08	0.05	0.01	-93

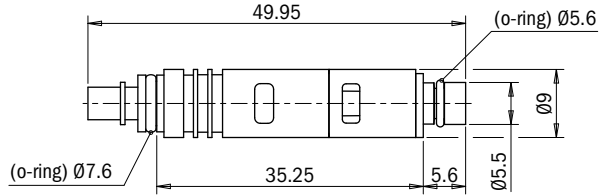
Evacuation time

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	-80	-90		
0.5	0.47	0.14	0.32	0.55	1.0	1.6	2.4	3.5	5.1	8.7	-94	
0.55	0.54	0.14	0.31	0.54	0.9	1.5	2.3	3.5	5.3	8.7	-92	
0.6	0.55	0.15	0.32	0.52	0.8	1.3	2.1	3.2	4.7	8.6	-93	

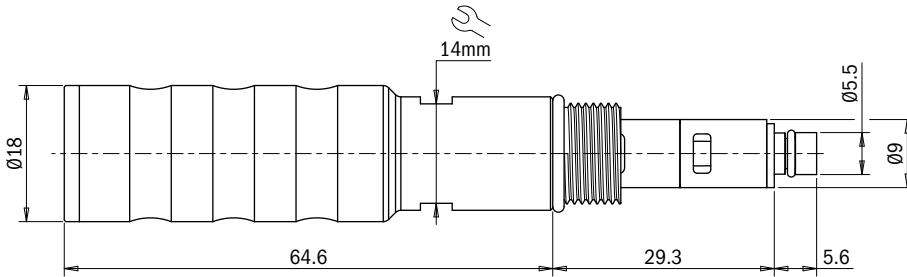
Identification codes

Drawing	Alphanumeric code	Description	Order code
A	EJ-M-HV-2	EJ-MEDIUM-HV-2 without holder	3300015
B	EJ-M-HV-2-HS	EJ-MEDIUM-HV-2 with holder and integrated silencer	3300016
C	EJ-M-HV-2-NR	EJ-MEDIUM-HV-2 with non-return valve	3300017
D	EJ-M-HV-2-NR-HS	EJ-MEDIUM-HV-2 with holder, integrated silencer and non-return valve	3300018
E	EJ-M-HV-2-H	EJ-MEDIUM-HV-2 with holder	3300057

A C



B D



E

