

EJ-MEDIUM cartridges for integration

EJ-MEDIUM-HV-3

- Three-stage EJ-MEDIUM-HV-3 cartridge with compact dimensions
- High initial flow rate, reduces gripping time
- 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	3.9 ÷ 18.7 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	1.47	0.78	0.54	0.32	0.17	0.15	0.11	0.07	0.05	0.01	-94
0.55	0.54	1.48	0.79	0.54	0.33	0.20	0.15	0.10	0.07	0.04	0.01	-92
0.6	0.55	1.45	0.79	0.53	0.42	0.3	0.14	0.10	0.08	0.04	0.01	-93

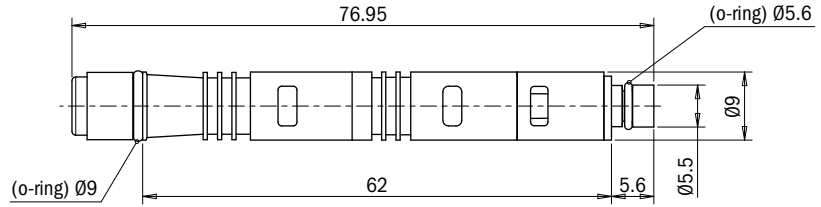
Evacuation time

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	0.08	0.24	0.47	0.88	1.6	2.4	3.5	5.1	8.7	-94	
0.55	0.54	0.09	0.24	0.47	0.85	1.4	2.2	3.4	5.2	8.7	-92	
0.6	0.55	0.09	0.25	0.45	0.70	1.3	2.1	3.2	4.7	8.6	-93	

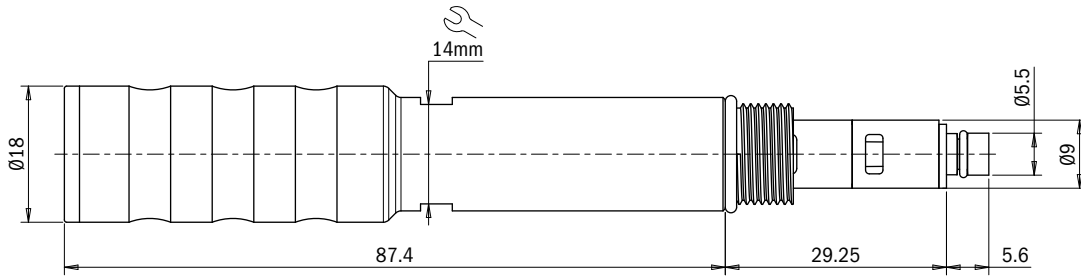
Identification codes

Drawing	Alphanumeric code	Description	Order code
A	EJ-M-HV-3	EJ-MEDIUM-HV-3 without holder	3300027
B	EJ-M-HV-3-HS	EJ-MEDIUM-HV-3 with holder and integrated silencer	3300028
C	EJ-M-HV-3-NR	EJ-MEDIUM-HV-3 with non-return valve	3300029
D	EJ-M-HV-3-NR-HS	EJ-MEDIUM-HV-3 with holder, integrated silencer and non-return valve	3300030
E	EJ-M-HV-3-H	EJ-MEDIUM-HV-3 with holder	3300060

A C



B D



E

