

# EJ-LARGE cartridges for integration

## EJ-LARGE-LP-3

- Three-stage EJ-LARGE-LP-3 cartridge with compact dimensions
- High initial flow rate, reduces gripping time
- Can be integrated near the gripping point
- Suitable and reliable even in the case of fluctuations in feed pressure
- Ideal for handling sealed objects
- Maximum vacuum level (-90 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	24.4 ÷ 84.4 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		
0.2	1.5	4.0	1.6	1.0	0.7	0.4	0.14	–	–	–	-60	
0.35	2.3	5.6	2.6	1.8	1.4	0.94	0.47	0.29	0.25	0.08	-90	
0.4	2.6	5.7	2.5	2.1	1.5	1.1	0.66	0.36	0.26	0.08	-89	

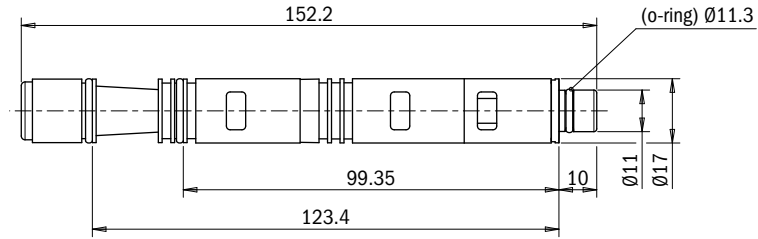
### Evacuation time

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		
0.2	1.5	0.04	0.11	0.23	0.4	0.8	–	–	–	–	-60	
0.35	2.3	0.02	0.07	0.13	0.2	0.4	0.6	1.0	1.6	–	-90	
0.4	2.6	0.02	0.07	0.12	0.2	0.3	0.5	0.8	1.4	–	-89	

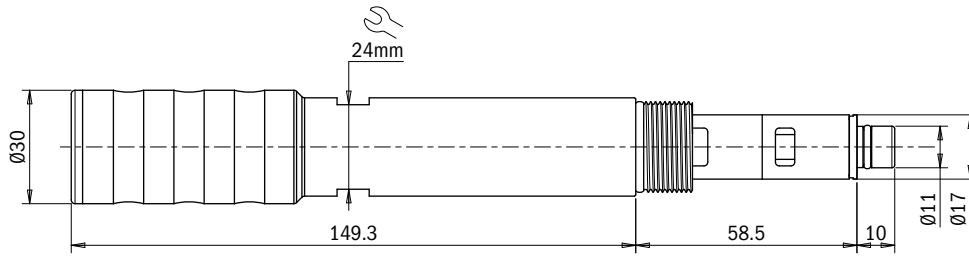
**Identification codes**

Drawing	Alphanumeric code	Description	Order code
A	EJ-L-LP-3	EJ-LARGE-LP-3 without holder	3300037
B	EJ-L-LP-3-HS	EJ-LARGE-LP-3 with holder and integrated silencer	3300038
C	EJ-L-LP-3-NR	EJ-LARGE-LP-3 with non-return valve	3300039
D	EJ-L-LP-3-NR-HS	EJ-LARGE-LP-3 with holder, integrated silencer and non-return valve	3300040
E	EJ-L-LP-3-H	EJ-LARGE-LP-3 with holder	3300068

A C



B D



E

