EJ-LARGE-HV-3

- Three-stage EJ-LARGE-HV-3 cartridge with compact dimensions
- High initial flow rate, reduces gripping time
- Suitable for handling sealed objects, while being effective on porous products thanks to the high suction flow rate (between -30 and -50 kPa)
- 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	
Medium	Compressed air in compliance with ISO 8573-1:2010 [7:4:4]
Max feed pressure	0.7 MPa
Temperature range	-10 ÷ +80 °C
Weight	24.4 ÷ 84.4 g
Ejector material	PA, Nitrile (NBR)
Holder material	PA, PUF

Suction flow rate

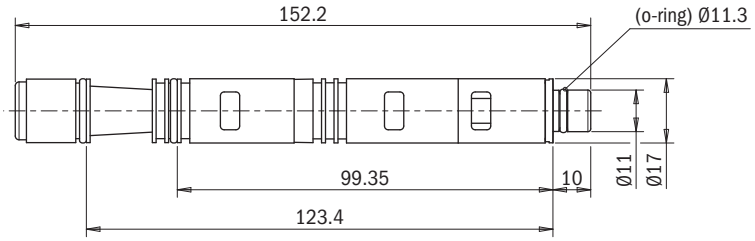
Feed pressure	Air consumption	Suction flow rate [Nl/s] at different vacuum levels [kPa]										Max vacuum
[MPa]	[Nl/s]	0	-10	-20	-30	-40	-50	-60	-70	-80	-90	[kPa]
0.45	1.82	5.9	3.0	2.1	1.3	0.70	0.58	0.40	0.31	0.18	0.03	-90
0.5	1.93	6.0	3.7	2.1	1.9	0.79	0.55	0.40	0.31	0.15	0.02	-94
0.6	2.33	5.9	3.2	2.2	1.7	1.03	0.68	0.36	0.30	0.14	0.02	-92

Evacuation time

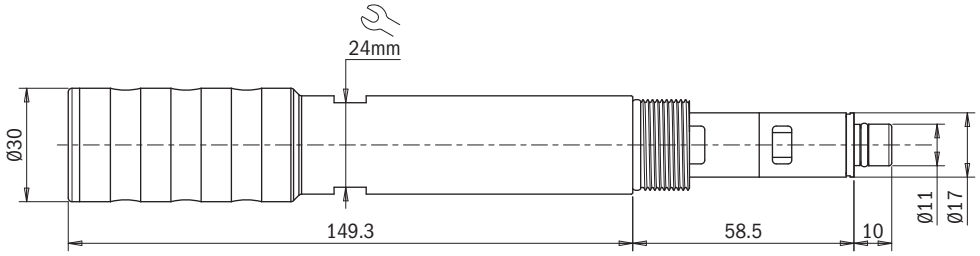
Feed pressure	Air consumption	Evacuation time [s/l] to reach different vacuum levels [kPa]									Max vacuum
[MPa]	[Nl/s]	-10	-20	-30	-40	-50	-60	-70	-80	-90	[kPa]
0.45	1.82	0.02	0.06	0.12	0.2	0.4	0.5	0.7	1.0	2.3	-90
0.5	1.93	0.02	0.06	0.10	0.2	0.3	0.4	0.7	1.1	2.4	-94
0.6	2.33	0.02	0.06	0.11	0.2	0.3	0.5	0.8	1.3	2.3	-92

Identification codes			
Drawing	Alphanumeric code	Description	Order code
A	EJ-L-HV-3	EJ-LARGE-HV-3 without holder	3300053
B	EJ-L-HV-3-HS	EJ-LARGE-HV-3 with holder and integrated silencer	3300054
C	EJ-L-HV-3-NR	EJ-LARGE-HV-3 with non-return valve	3300055
D	EJ-L-HV-3-NR-HS	EJ-LARGE-HV-3 with holder, integrated silencer and non-return valve	3300056
E	EJ-L-HV-3-H	EJ-LARGE-HV-3 with holder	3300066

A C



B D



E

