EJ-LARGE-HF-3

- Three-stage EJ-LARGE-HF-3 cartridge with compact dimensions
- High initial flow rate, reduces gripping time
- Suitable for handling objects with uneven or porous surfaces
- Can be integrated near the gripping point
- Able to compensate for any losses on the gripping surface
- High suction flow rate with low energy consumption
- Maximum vacuum level (-73 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

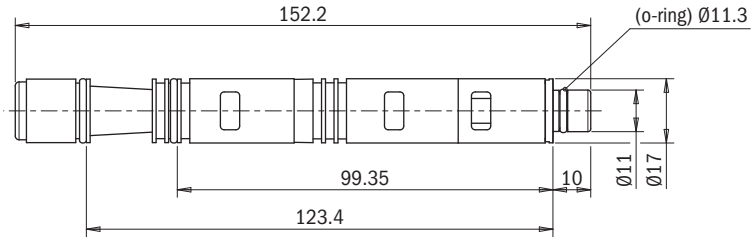
Feed pressure	Air consumption	Suction flow rate [Nl/s] at different vacuum levels [kPa]								Max vacuum
[MPa]	[Nl/s]	0	-10	-20	-30	-40	-50	-60	-70	[kPa]
0.4	1.3	4.9	2.9	1.8	1.1	0.80	0.38	0.1	–	-60
0.5	1.5	5.6	3.2	2.1	1.4	0.86	0.60	0.30	0.18	-70
0.6	1.7	5.9	3.5	2.5	1.7	0.89	0.62	0.51	0.31	-73

Evacuation time

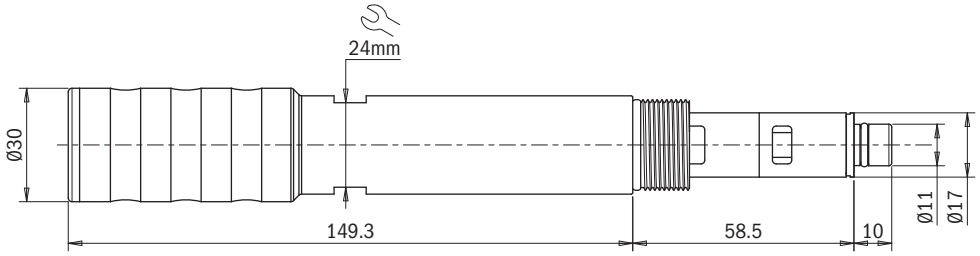
Feed pressure	Air consumption	Evacuation time [s/l] to reach different vacuum levels [kPa]							Max vacuum
[MPa]	[Nl/s]	-10	-20	-30	-40	-50	-60	-70	[kPa]
0.4	1.3	0.03	0.07	0.14	0.2	0.3	0.5	–	-60
0.5	1.5	0.02	0.06	0.12	0.2	0.3	0.5	0.7	-70
0.6	1.7	0.02	0.05	0.10	0.19	0.3	0.4	0.7	-73

Identification codes			
Drawing	Alphanumeric code	Description	Order code
A	EJ-L-HF-3	EJ-LARGE-HF-3 without holder	3300045
B	EJ-L-HF-3-HS	EJ-LARGE-HF-3 with holder and integrated silencer	3300046
C	EJ-L-HF-3-NR	EJ-LARGE-HF-3 with non-return valve	3300047
D	EJ-L-HF-3-NR-HS	EJ-LARGE-HF-3 with holder, integrated silencer and non-return valve	3300048
E	EJ-L-HF-3-H	EJ-LARGE-HF-3 with holder	3300067

A C



B D



E

