

## EJ-BA-LARGE

- Ideal for centralized and decentralized applications
- Excellent ratio between suction flow rate and compressed air consumption
- It can be integrated near the gripping point, lightweight (body in POM)
- G1/2" vacuum ports
- G1/8" auxiliary vacuum port for possible monitoring of the system
- Available with two- and three-stage EJ-LARGE cartridge (EJ-LP, EJ-HF, EJ-HV)

### Typical applications

- Handling of sealed items such as parts in glass and metal (EJ-HV)
- Packaging, cartoners, case packing machines (EJ-HF, EJ-LP)
- Plastic (moulding)
- Automotive
- Particularly suitable for low cost automated applications

NEW



### Application example



Technical features	
Max feed pressure	0.7 MPa
Weight	155 ± 190 g
Material	POM, PA, Al, Nitrile (NBR)
Noise level	< 70 dB

Suction flow rate													
Model	Feed pressure [MPa]	Air consumption [Nl/s]	Suction flow rate [Nl/s] at different vacuum levels [kPa]										Max vacuum [kPa]
			0	-10	-20	-30	-40	-50	-60	-70	-80	-90	
EJ-BA-L-LP-2	0.4	2.6	2.8	2.5	2.1	1.5	1.1	0.66	0.36	0.26	0.08	–	-89
EJ-BA-L-LP-3	0.4	2.6	5.7	2.5	2.1	1.5	1.1	0.66	0.36	0.26	0.08	–	-89
EJ-BA-L-HF-2	0.6	1.7	3.2	3.0	2.5	1.7	0.89	0.62	0.51	0.31	–	–	-73
EJ-BA-L-HF-3	0.6	1.7	5.9	3.5	2.5	1.7	0.89	0.62	0.51	0.31	–	–	-73
EJ-BA-L-HV-2	0.5	1.93	2.6	2.4	1.7	1.3	0.70	0.55	0.40	0.31	0.15	0.02	-94
EJ-BA-L-HV-3	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

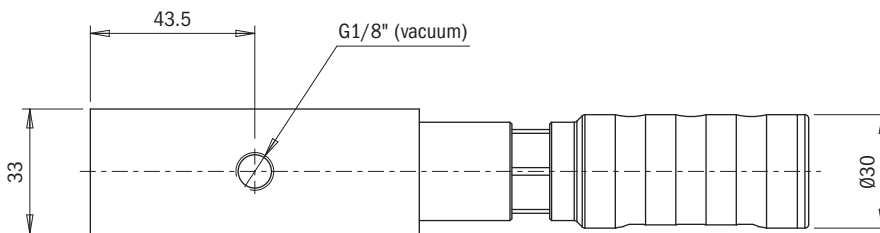
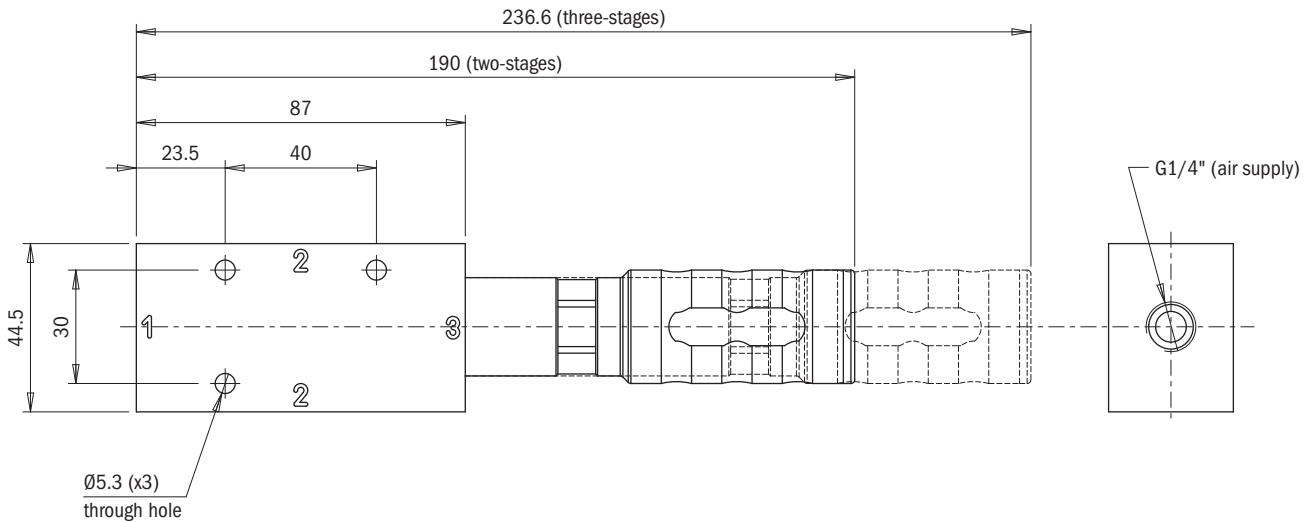
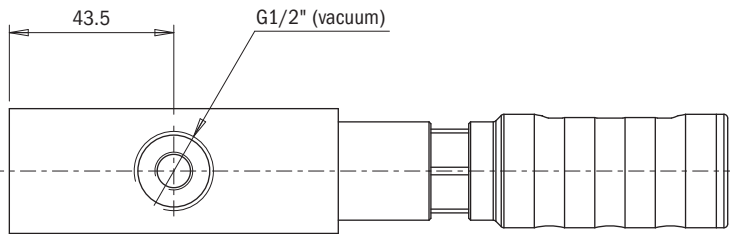
For technical specifications, regarding the suction flow rate and the air consumption at different pressures, please refer to the technical data sheets of the EJ-LARGE cartridges in the two- and three-stage versions

Evacuation time													
Model	Feed pressure [MPa]	Air consumption [Nl/s]	Evacuation time [s/l] to reach different vacuum levels [kPa]										Max vacuum [kPa]
			-10	-20	-30	-40	-50	-60	-70	-80	-90		
EJ-BA-M-LP-2	0.4	2.6	0.03	0.07	0.14	0.19	0.3	0.5	0.8	1.4	–	–	-89
EJ-BA-M-LP-3	0.4	2.6	0.02	0.07	0.12	0.2	0.3	0.5	0.8	1.4	–	–	-89
EJ-BA-M-HF-2	0.6	1.7	0.03	0.07	0.12	0.19	0.3	0.4	0.7	–	–	–	-73
EJ-BA-M-HF-3	0.6	1.7	0.02	0.05	0.10	0.19	0.3	0.4	0.7	–	–	–	-73
EJ-BA-M-HV-2	0.5	1.93	0.04	0.09	0.16	0.3	0.4	0.6	0.9	1.3	2.5	–	-94
EJ-BA-M-HV-3	0.5	1.93	0.02	0.06	0.10	0.2	0.3	0.4	0.7	1.1	2.4	–	-94

For technical specifications regarding the evacuation time and the consumption at different pressures, please refer to the technical data sheets of the EJ-LARGE cartridges, in the two- and three-stage versions

**Identification codes**

Alphanumeric code	Description	Order code
EJ-BA-L-LP-2-G1/2	EJ-BA-LARGE-LP-2 vacuum pump with holder and integrated silencer, G1/2" vacuum port	3330161
EJ-BA-L-LP-3-G1/2	EJ-BA-LARGE-LP-3 vacuum pump with holder and integrated silencer, G1/2" vacuum port	3330162
EJ-BA-L-HF-2-G1/2	EJ-BA-LARGE-HF-2 vacuum pump with holder and integrated silencer, G1/2" vacuum port	3330163
EJ-BA-L-HF-3-G1/2	EJ-BA-LARGE-HF-3 vacuum pump with holder and integrated silencer, G1/2" vacuum port	3330164
EJ-BA-L-HV-2-G1/2	EJ-BA-LARGE-HV-2 vacuum pump with holder and integrated silencer, G1/2" vacuum port	3330165
EJ-BA-L-HV-3-G1/2	EJ-BA-LARGE-HV-3 vacuum pump with holder and integrated silencer, G1/2" vacuum port	3330166



Introduction

Vacuum theory

Suction cups

Vacuum pumps

Customised solutions

Suspensions

System accessories

**Identification codes**

Alphanumeric code	Description	Order code
EJ-BA-L-LP-2-G1/2-H	EJ-BA-LARGE-LP-2 vacuum pump with holder, G1/2" vacuum port	3331161
EJ-BA-L-HF-2-G1/2-H	EJ-BA-LARGE-HF-2 vacuum pump with holder, G1/2" vacuum port	3331163
EJ-BA-L-HV-2-G1/2-H	EJ-BA-LARGE-HV-2 vacuum pump with holder, G1/2" vacuum port	3331165

3-stage configurations are also available on request

