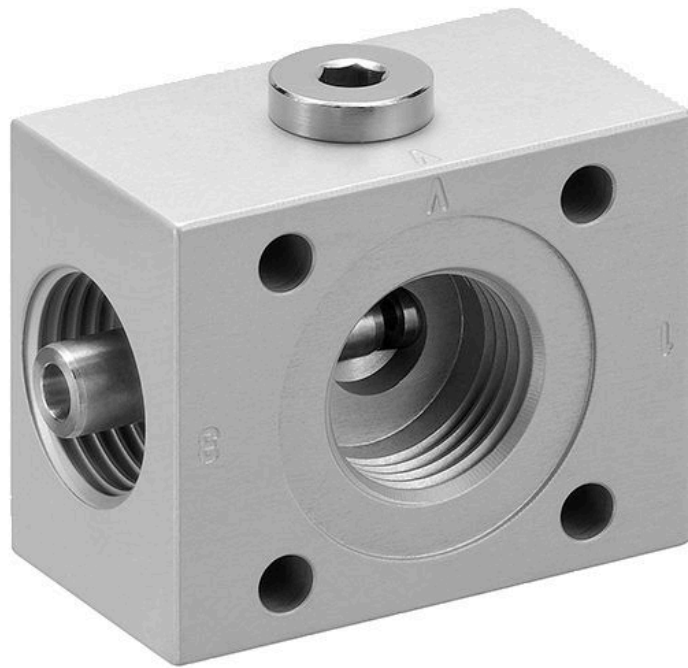


Series EBP



AVENTICS™

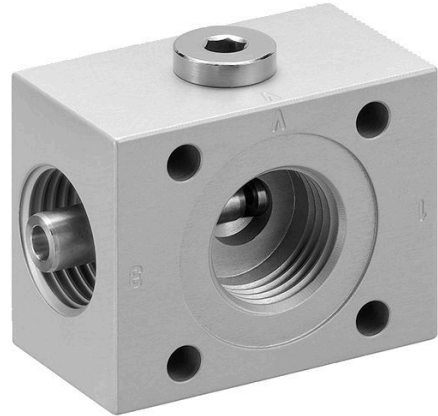
AVENTICS Series EBP Ejectors


EMERSON™

Series EBP

AVENTICS EBP Series are simple stage vacuum ejectors pneumatically controlled. EBE vacuum ejectors are robust, compact, easy to install and with a low sound level.

- Pneumatic control



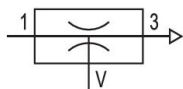
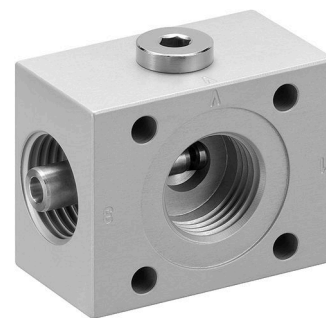
Product overview

Simple stage vacuum ejectors

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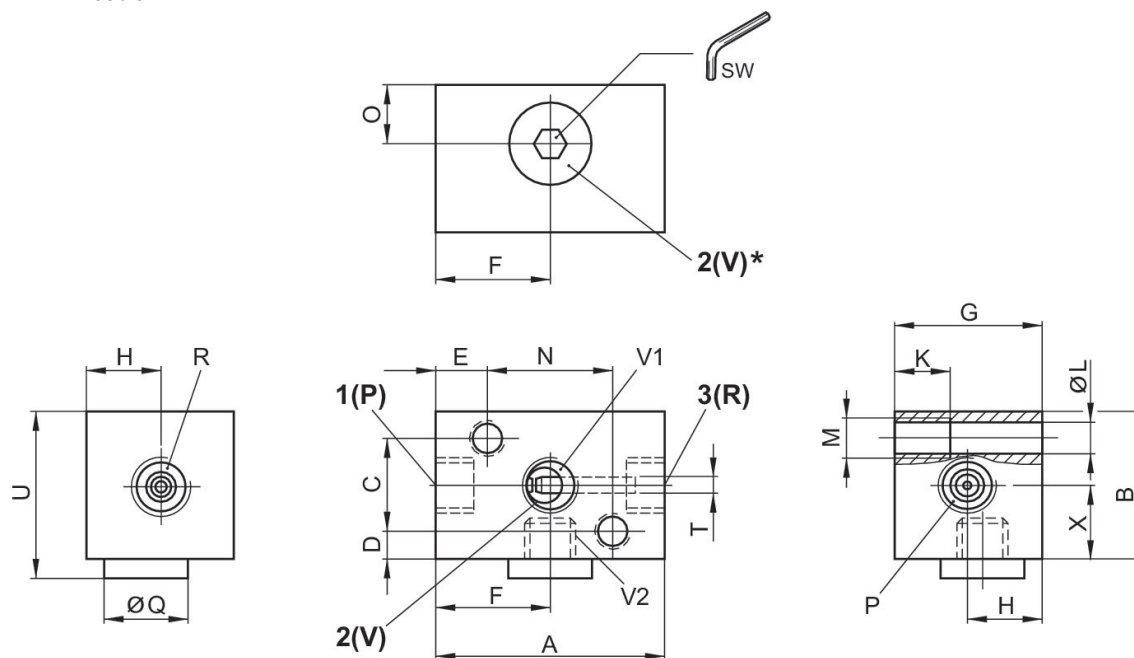
Series EBP, Nozzle Ø 0,5-0,7 mm

Activation: Pneumatically



Activation	Nozzle Ø [mm]	Max. vacuum level at p.opt [%]	Max. suction capacity [l/min]	Air consumption at p.opt. [l/min]	Part No.
Pneumatically	0.5	82	6.4	15.5	7350150000
Pneumatically	0.7	83	17	27	7350300000

EBP-PT-05 / 07



* Compressed air connection for pressure sensor

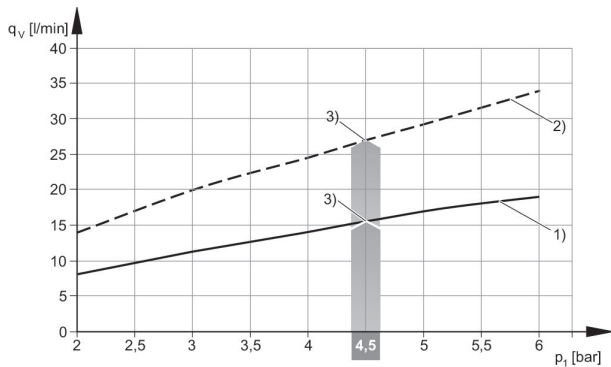
Part No.	A	B	C	D	E	F	G	H	K	Ø L
7350150000	40	25	16	4.5	9	20	25	12.5	10	5.1
7350300000	50	25	16	4.5	12	23	25	12.5	10	5.1
7350600000	50	40	29	5.5	10.5	25	28	15.5	12	5.1
7351200000	50	40	29	5.5	10.5	25	28	15.5	12	5.1
7352400000	60	40	29	5.5	10.5	25	40	21.5	12	5.1
7354200000	60	40	29	5.5	10.5	25	40	21.5	12	5.1

Part No.	M	N	O	P 1)	Ø Q	R	S	SW	ØT	U
7350150000	M6	22	10	G 1/8x8	14	G 1/8x8	—	5	5	28
7350300000	M6	22	10	G 1/8x8	14	G 1/8x8	—	5	—	28.5
7350600000	M6	29	14	G 1/4x10	14	G 3/8x9	—	5	8	43
7351200000	M6	29	14	G 1/4x10	14	—	52.5	5	8	43
7352400000	M6	29	21.5	G 1/4x10	14	G 1x12	—	5	—	43
7354200000	M6	29	21.5	G 1/4x10	14	G 1x12	—	5	—	43

Part No.	V1 2)	V2 3)	X
7350150000	G 1/8x8	G 1/8x7	12,5
7350300000	G 1/8x8	G 1/8x7	12,5
7350600000	G 1/2x9	G 1/8x8	20
7351200000	G 1/2x9	G 1/8x8	20
7352400000	G 1/2x9	G 1/8x8	20
7354200000	G 1/2x9	G 1/8x8	20

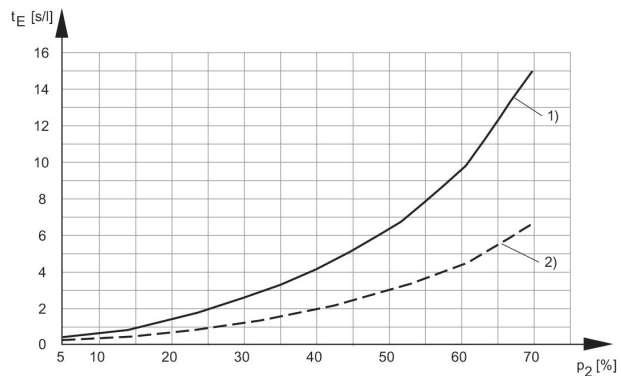
- 1) Inlet
- 2) Suction connection
- 3) Variable connection for vacuum

Air consumption q_v depending on working pressure p_1



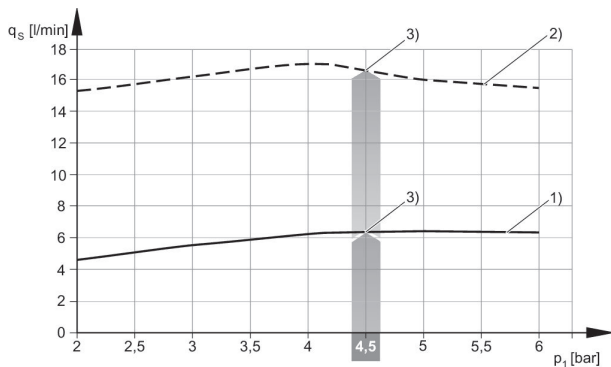
- 1) Ø nozzle 0.5 mm
- 2) Ø nozzle 0.7 mm
- 3) optimum working pressure

Evacuation time t_E depending on vacuum p_2 for 1 l volume (with optimal operating pressure p_{1opt})



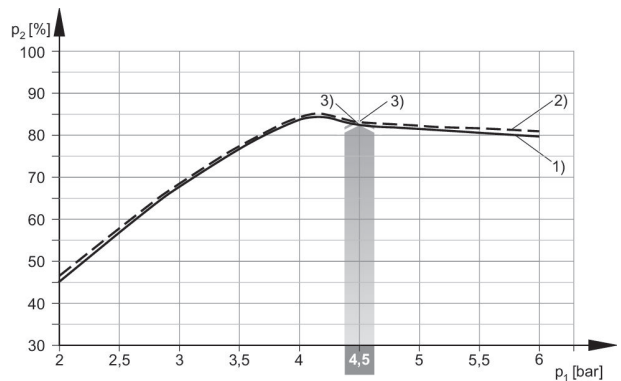
- 1) Ø nozzle 0.5 mm
- 2) Ø nozzle 0.7 mm

Suction capacity q_s depending on working pressure p_1



- 1) Ø nozzle 0.5 mm
- 2) Ø nozzle 0.7 mm
- 3) optimum working pressure

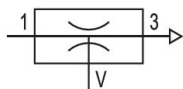
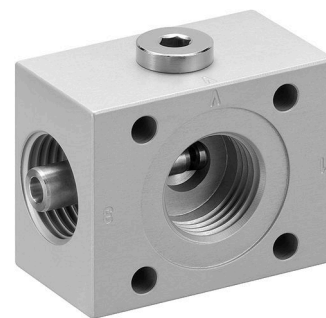
Vacuum p_2 depending on working pressure p_1



- 1) Ø nozzle 0.5 mm
- 2) Ø nozzle 0.7 mm
- 3) optimum working pressure

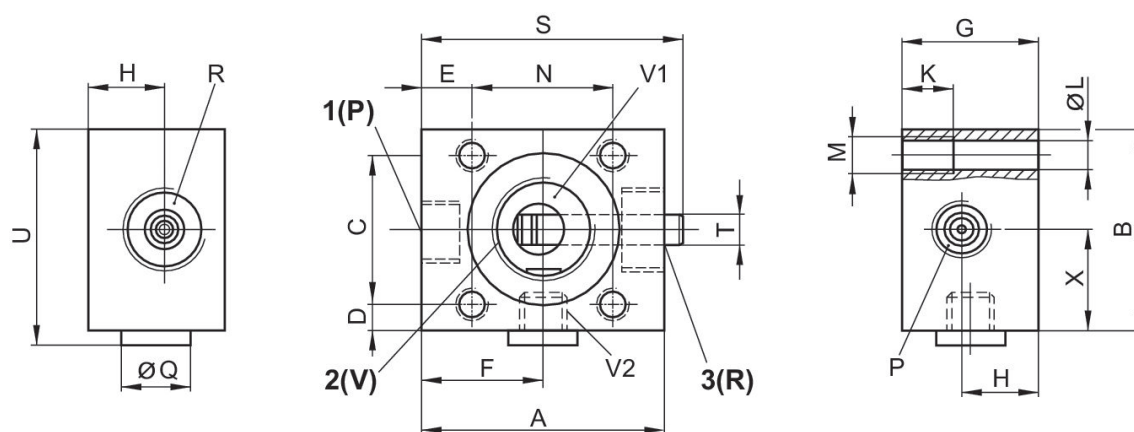
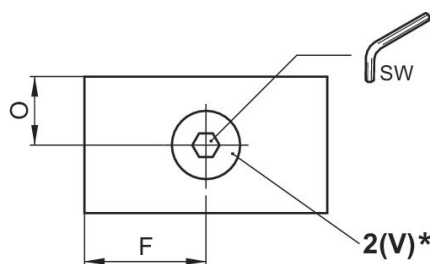
Series EBP, Nozzle Ø 1-3 mm

Activation: Pneumatically



Activation	Nozzle Ø [mm]	Max. vacuum level at p.opt [%]	Max. suction capacity [l/min]	Air consumption at p.opt. [l/min]	Part No.
Pneumatically	1	89	40	60	7350600000
Pneumatically	1.5	87	70	120	7351200000
Pneumatically	2.1	90	125	225	7352400000
Pneumatically	3	90	240	420	7354200000

EBP-PT-10 .../ -30



* Compressed air connection for pressure sensor

Part No.	A	B	C	D	E	F	G	H	K	ØL
7350150000	40	25	16	4.5	9	20	25	12.5	10	5.1
7350300000	50	25	16	4.5	12	23	25	12.5	10	5.1

Part No.	A	B	C	D	E	F	G	H	K	Ø L
7350600000	50	40	29	5.5	10.5	25	28	15.5	12	5.1
7351200000	50	40	29	5.5	10.5	25	28	15.5	12	5.1
7352400000	60	40	29	5.5	10.5	25	40	21.5	12	5.1
7354200000	60	40	29	5.5	10.5	25	40	21.5	12	5.1

Part No.	M	N	O	P 1)	Ø Q	R	S	SW	Ø T	U
7350150000	M6	22	10	G 1/8x8	14	G 1/8x8	—	5	5	28
7350300000	M6	22	10	G 1/8x8	14	G 1/8x8	—	5	—	28.5
7350600000	M6	29	14	G 1/4x10	14	G 3/8x9	—	5	8	43
7351200000	M6	29	14	G 1/4x10	14	—	52.5	5	8	43
7352400000	M6	29	21.5	G 1/4x10	14	G 1x12	—	5	—	43
7354200000	M6	29	21.5	G 1/4x10	14	G 1x12	—	5	—	43





Part No.	V1 2)	V2 3)	X
7350150000	G 1/8x8	G 1/8x7	12,5
7350300000	G 1/8x8	G 1/8x7	12,5
7350600000	G 1/2x9	G 1/8x8	20
7351200000	G 1/2x9	G 1/8x8	20
7352400000	G 1/2x9	G 1/8x8	20
7354200000	G 1/2x9	G 1/8x8	20

- 1) Inlet
- 2) Suction connection
- 3) Variable connection for vacuum

Efficient pneumatic solutions, our program:
cylinders and drives, valves and valve systems,
air supply management, proportional pressure
control valves



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