

# Basic ejectors Series VEB

Basic ejectors with no moving parts, based on the Venturi principle.  
Version "L" for porous workpieces.  
Version "H" for high vacuum value.

- » No moving parts for long life and low maintenance.
- » Reduced weight
- » Rapid generation of vacuum



**Basic ejectors Series VEB are universal type ejectors suitable for most industrial applications.**

**They are available in two versions:**  
- Version "L" for porous workpieces  
- Version "H" for high vacuum value (85%)

Applications:

- Industrial robotics in most sectors
- Wood industry
- Packaging industry
- Food industry

## GENERAL DATA

**Description** - body in anodized Aluminium  
- internal nozzle in brass  
- silencer in technopolymer

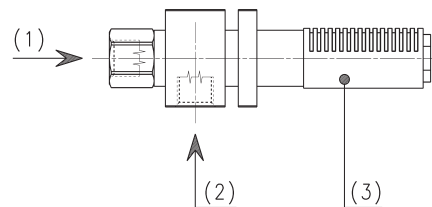
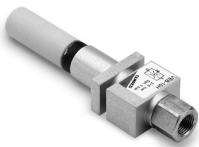
**CODING EXAMPLE**

<b>VE</b>	<b>B</b>	<b>-</b>	<b>05</b>	<b>H</b>
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<b>VE</b>	SERIES VE = Vacuum ejector
<b>B</b>	VERSION B = basic
<b>05</b>	NOZZLE DIAMETER (MM) 05 = 0,5 mm 07 = 0,7 mm 10 = 1 mm 15 = 1,5 mm 20 = 2 mm 25 = 2,5 mm 30 = 3 mm
<b>H</b>	SUCTION TYPE H = high vacuum L = high suction rate

**TECHNICAL DATA**

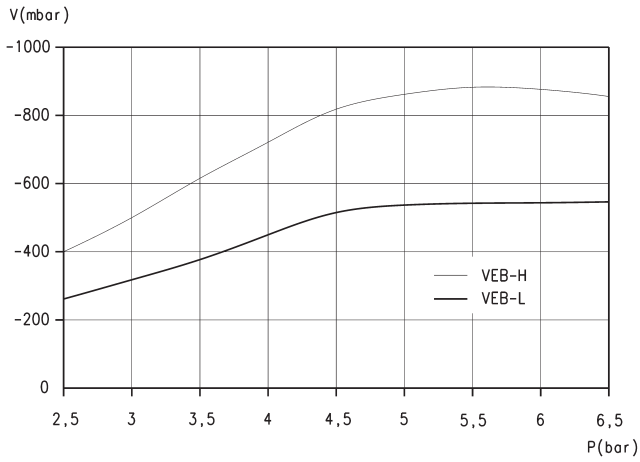
- 1 = Compressed air inlet
- 2 = Vacuum inlet
- 3 = Exhaust


**TECHNICAL DATA**

Model	Ø nozzle (mm)	Degree of evacuation (%)	Suction rate max. (l/min)	Suction rate max. (m3/min)	Air consumption (l/min)	Air consumption (m3/h)	Optimum working pressure	Weight (kg)
<b>VEB-05H</b>	0,5	82	7	0,4	13	0,8	4,5	0,011
<b>VEB-07H</b>	0,7	85	14	0,8	21	1,3	4,5	0,045
<b>VEB-10H</b>	1	85	34	2	49	2,9	5	0,05
<b>VEB-15H</b>	1,5	85	69	4,1	102	6,1	4,5	0,11
<b>VEB-20H</b>	2	85	124	7,4	186	11,2	5	0,13
<b>VEB-20L</b>	2	55	170	10,2	186	11,2	5	0,13
<b>VEB-25H</b>	2,5	85	184	11	275	16,5	5	0,295
<b>VEB-25L</b>	2,5	55	260	15,6	275	16,5	5	0,295
<b>VEB-30H</b>	3	85	240	14,4	392	23,5	5	0,404
<b>VEB-30L</b>	3	55	370	22,2	392	23,5	5	0,404

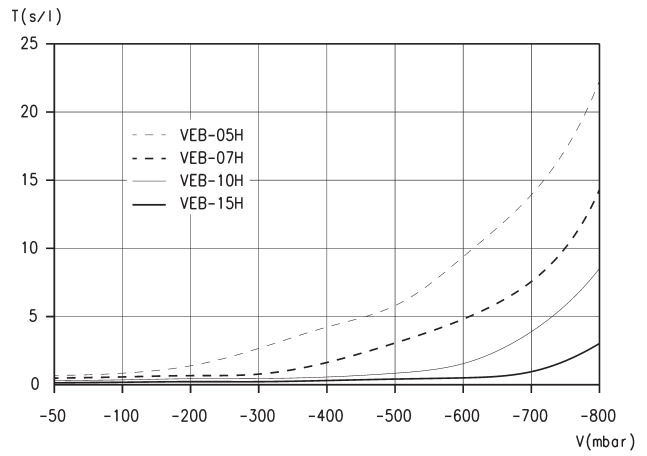
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Diagrams VEB



LEGEND:  
 V = vacuum values  
 P = working pressure

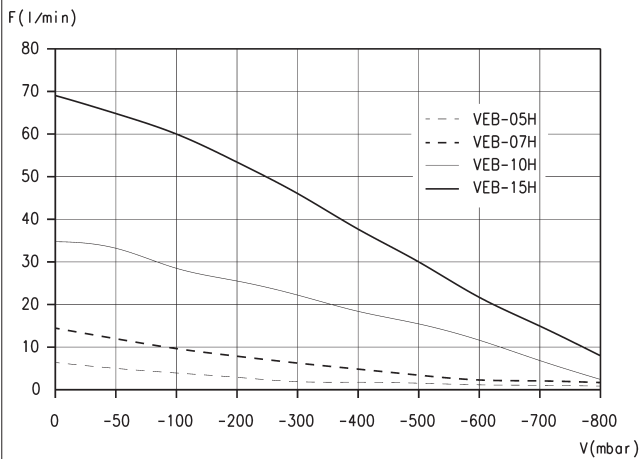
Note: vacuum reachable with different supply pressures



LEGEND:  
 T = Evacuation time  
 V = Vacuum values

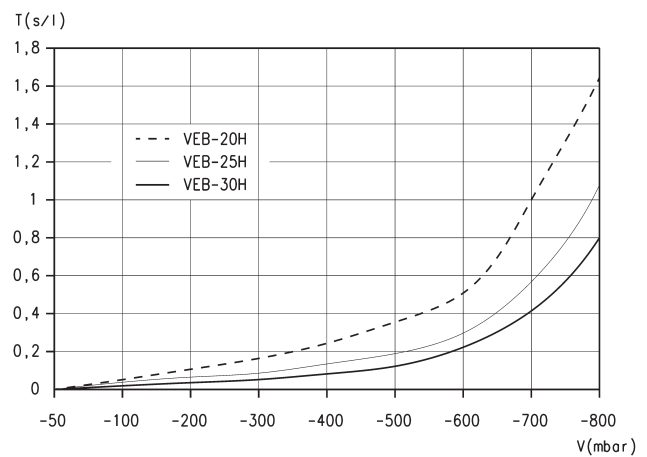
Note: evacuation time for different vacuum values

Diagrams VEB



LEGEND:  
 F = Suction rate  
 V = Vacuum values

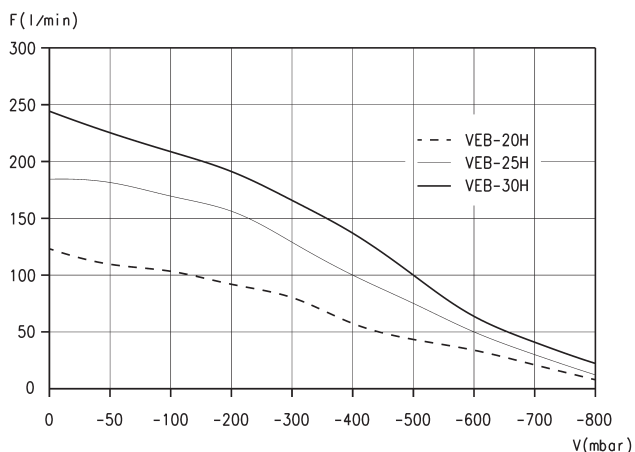
Note: Suction rate with different vacuum values



LEGEND:  
 T = Evacuation time  
 V = Vacuum values

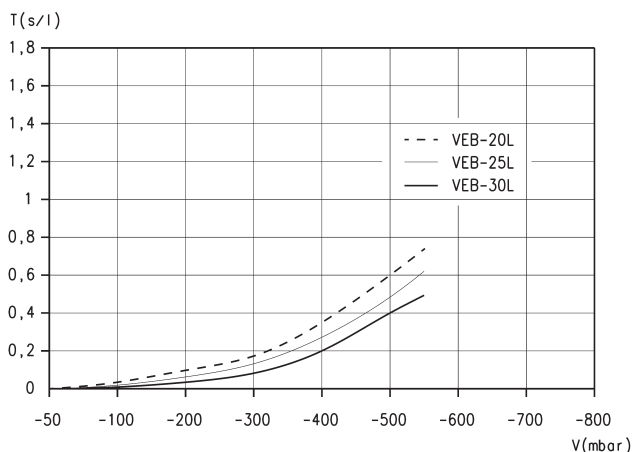
Note: evacuation time for different vacuum values

Diagrams VEB



LEGEND:  
F = Suction rate  
V = Vacuum values

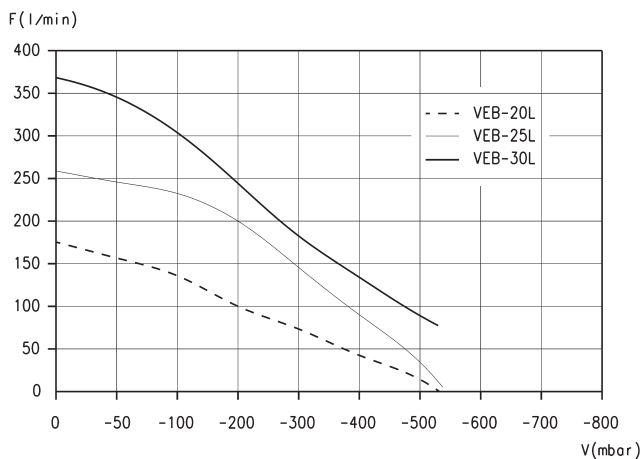
Note: Suction rate with different vacuum values



LEGEND:  
T = Evacuation time  
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Note: evacuation time for different vacuum values

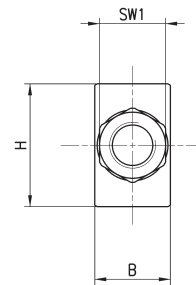
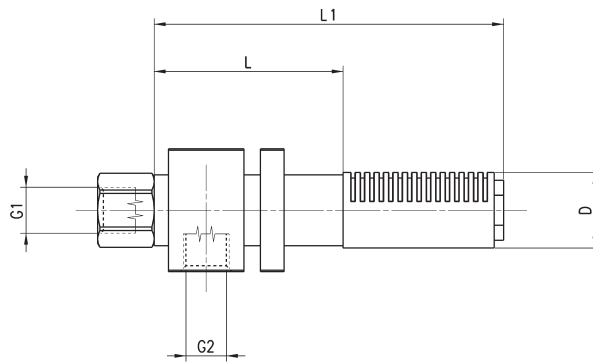
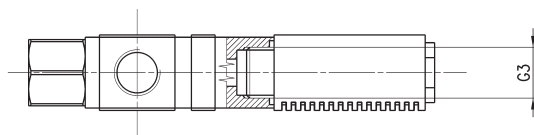
Diagrams VEB



LEGEND:  
F = Suction rate  
V = Vacuum values

Note: Suction rate with different vacuum values

EJECTORS VEB 05...30



DIMENSIONS

Mod.	B	D	G1	G2	G3*	H	L	L1	SW1
<b>VEB-05H</b>	10	7	M5	M5	M5	20	32	50	8
<b>VEB-07H</b>	16	16	G1/8	G1/8	G1/8	26	40	74	14
<b>VEB-10H</b>	16	16	G1/8	G1/8	G1/8	26	45	79	14
<b>VEB-15H</b>	22	21	G1/4	G1/4	G1/4	38	60	101,5	17
<b>VEB-20H</b>	26	25	G1/4	G1/4	G3/8	38	75	125,5	17
<b>VEB-20L</b>	26	25	G1/4	G1/4	G3/8	38	75	125,5	17
<b>VEB-25H</b>	32	30	G3/8	G1/2	G1/2	50	100	161,5	22
<b>VEB-25L</b>	32	30	G3/8	G1/2	G1/2	50	100	161,5	22
<b>VEB-30H</b>	42	40	G3/8	G1/2	G3/4	50	110	194,5	22
<b>VEB-30L</b>	42	40	G3/8	G1/2	G3/4	50	110	194,5	22

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