

BASIC EJECTORS

SERIES VEBL

Basic ejectors in technopolymer without moving parts, based on the Venturi principle.
Different sizes available, with internal nozzle from 0,5 to 2,5 mm and with suction rate from 8 to 207 l/min.



- No moving parts for long life and low maintenance
- Reduced weight
- Rapid generation of vacuum
- Easy installation, on proper support too
- Optimized dimensions

Series VEBL basic ejectors are universal ejectors made in technopolymer suitable for several industrial applications such as:

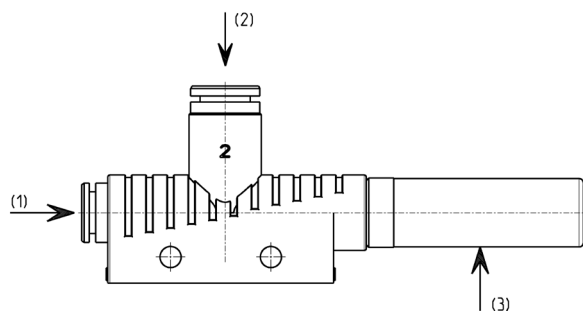
- Industrial robotics in most sectors
- Wood industry
- Packaging industry
- Food industry

GENERAL DATA

Description	Basic ejector
Materials	- body in technopolymer - silencier in technopolymer - internal nozzle in brass

BASIC EJECTORS
SERIES VEBL - CODING EXAMPLE
CODING EXAMPLE

VEBL	-	10H	-	T2
VEBL	SERIES VEBL = vacuum ejector			
10H	NOZZLE DIAMETER 05H = 0,5 mm 07H = 0,7 mm 10H = 1 mm 15H = 1,5 mm 20H = 2 mm 25H = 2,5 mm			
T2	TYPE OF CONNECTION (ON SUPPLY SIDE) T1 = plier - tube Ø4 T2 = plier - tube Ø6 T3 = plier - tube Ø8			

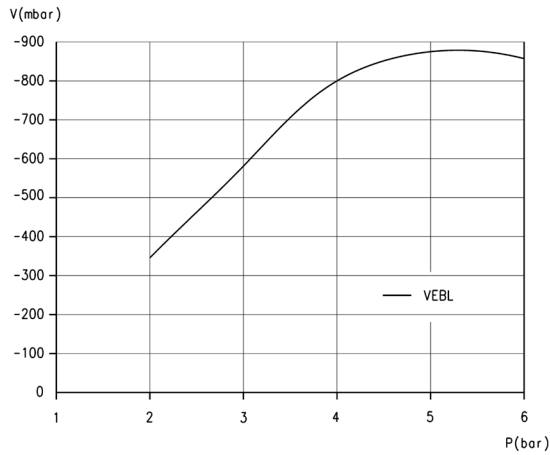
Technical data


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

Mod.	Ø Nozzle (mm)	Obtainable relative pressure (mbar)	Vacuum flow (l/min)	Air consumption (l/min)	Operating pressure (bar)	Optimum operating pressure (bar)	Operating temperature (bar)	Noise level gripped [dB(A)]	Noise level free [db(A)]	Weight (kg)	Suggested internal Ø for tubes [mm] up to 2m	Max n° of ejectors for one support
VEBL-05H-T1	0,5	-840	8	13,5	3...6	4,5	0...60	53	58	0,0075	2/2	11
VEBL-07H-T1	0,7	-850	16	22	3...6	4,5	0...60	59	65	0,0075	2/2	11
VEBL-10H-T2	1	-850	38	48	3...6	4,5	0...60	59	65	0,022	4/6	7
VEBL-15H-T2	1,5	-850	71	105	3...6	4,5	0...60	65	72	0,022	4/6	7
VEBL-20H-T3	2	-850	127	197	3...6	4,5	0...60	68	77	0,050	6/8	5
VEBL-25H-T3	2,5	-850	215	311	3...6	4,5	0...60	70	78	0,050	6/8	5

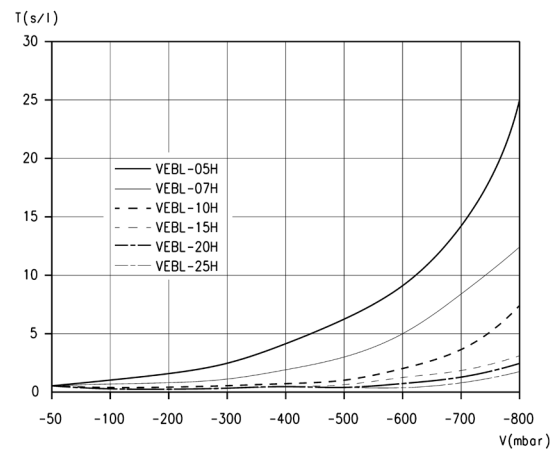
Usable fluids: compressed air, oiled and not, according to ISO 8573-1:2001 class 7-4-4

Diagrams VEBL



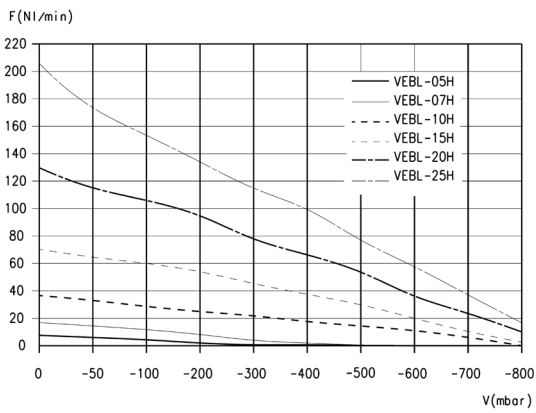
LEGEND:
 V = Vacuum values
 P = Working pressure

Note: vacuum reachable with different supply pressures



LEGEND:
 T = Evacuation time
 V = Vacuum values

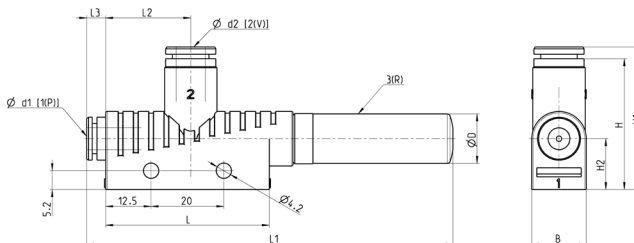
Note: evacuation time for different vacuum values



LEGEND:
 F = Suction rate
 V = Vacuum values

Note: Suction rate with different vacuum values

Ejectors VEBL-05H...25H



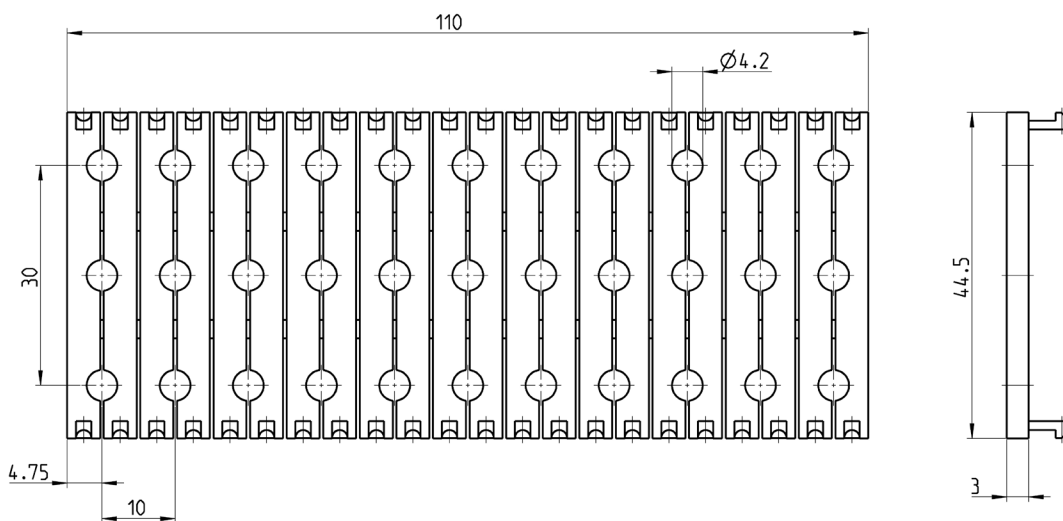
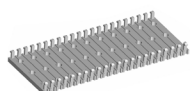
VACUUM TECHNOLOGY

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[P] = Pressure
 [V] = Vacuum
 [R] = Exhaust

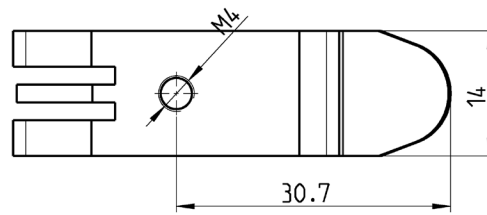
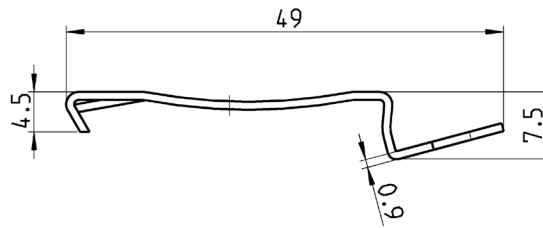
Mod.	B	D1	D2	D	H	H1	H2	L	L1	L2	L3
VEBL-05H-T1	10	4	4	9	26	28	12	45	71	18	2
VEBL-07H-T1	10	4	4	9	26	28	12	45	71	18	2
VEBL-10H-T2	15	6	8	14	34	40	14	51,5	97	22	5,5
VEBL-15H-T2	15	6	8	14	34	40	14	51,5	97	22	5,5
VEBL-20H-T3	20	8	10	20	39	45,5	17	86,5	168	24,5	5,5
VEBL-25H-T3	20	8	10	20	39	45,5	17	86,5	168	24,5	5,5

Mounting plate



Mod.
VEBL-ST

Mounting brackets for DIN rail



Mod.

VEBL-PCF