

# INLINE EJECTORS

## SERIES VEDL

Vacuum compact ejectors in technopolymer without moving parts, based on the Venturi principle, used for direct installation on suction pads. Available in two sizes with internal nozzle of 0,5 and 0,7 mm and with suction rate from 8 to 16 l/min.



- No moving parts for long life and maintenance
- Easy and fast installation directly at the gripping point
- Optimized dimensions
- Reduced weight, 5 g only, ideal for dynamic applications
- Low air consumption

Generally, these vacuum compact ejectors are used for direct installation inline between the suction pad and compressed air supply. This substantially reduces the volume to be evacuated and allows therefore shorter cycle times.

### GENERAL DATA

<b>Description</b>	Inline ejectors
<b>Materials</b>	- body in technopolymer - internal nozzle in brass

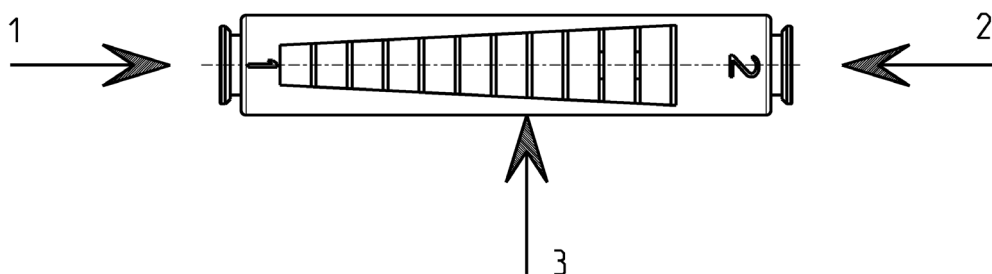
**INLINE EJECTORS**  
**SERIES VEDL - CODING EXAMPLE**

**CODING EXAMPLE**

<b>VEDL</b>	<b>-</b>	<b>05</b>	<b>-</b>	<b>T1</b>
<b>VEDL</b>	SERIES VEDL = Vacuum ejector			
<b>05</b>	NOZZLE DIAMETER 05 = 0,5 mm 07 = 0,7 mm			
<b>T1</b>	TYPE OF CONNECTION (ON SUPPLY SIDE) T1 = plier - tube Ø4			

**Technical data**

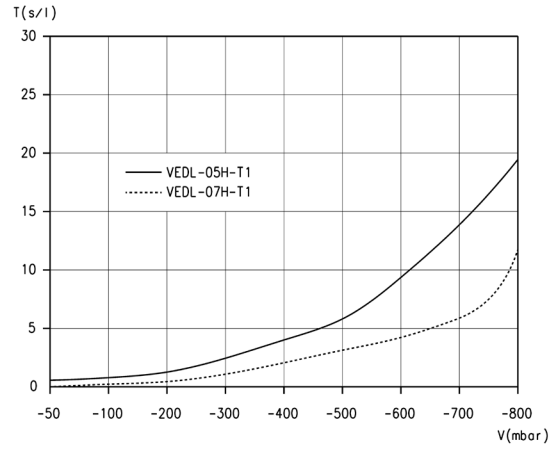
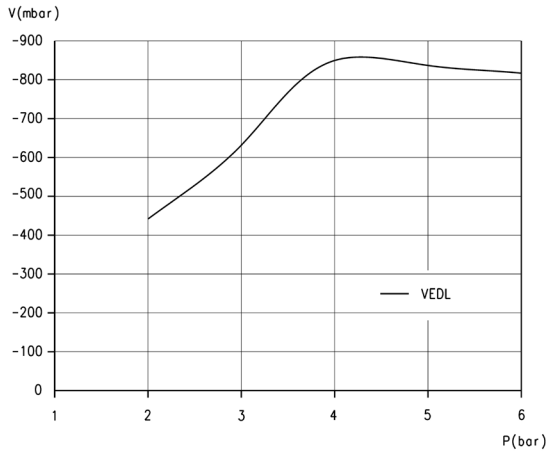
Usable fluids: compressed air, oiled and not, according to ISO 8573-1:2001 class 7-4-4



- 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	Optimum operating pressure (bar)	Operating temperature (°C)	Weight (kg)	Noise level gripped [dB(A)]	Noise level free [dB(A)]	Suggested internal Ø for tubes (mm) up to 2 m
VEDL-05-T1	0,5	-830	8	13	3...6	4,5	0...60	0,005	52	60	2/2
VEDL-07-T1	0,7	-850	15	25	3...6	4,5	0...60	0,005	55	63	2/2

## Diagrams VEDL

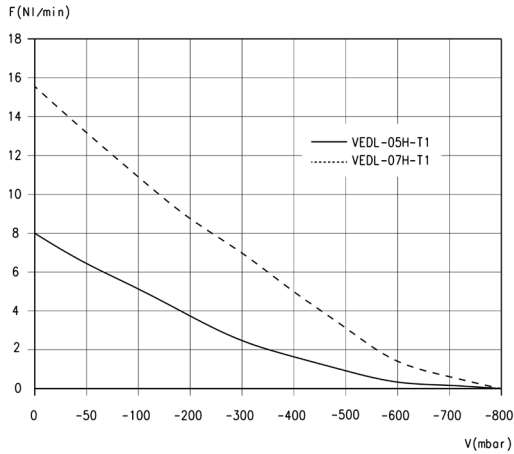


Vacuum reachable with different supply pressures

Evacuation time for different vacuum values

LEGEND:  
 V = Vacuum values  
 P = Working pressure

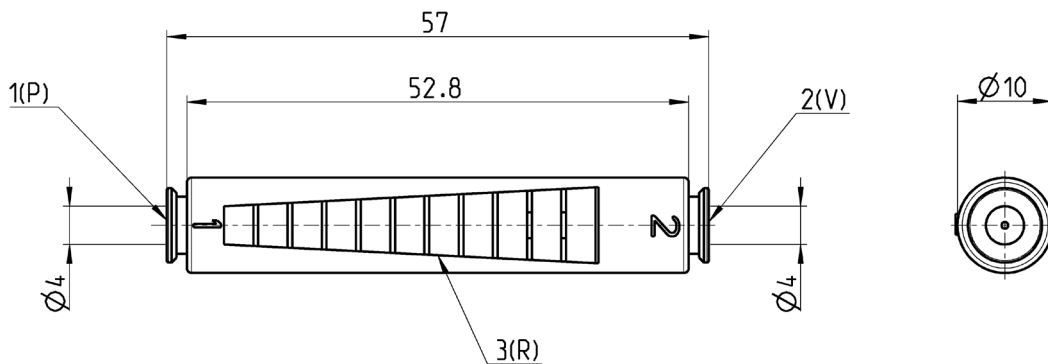
LEGEND:  
 T = Evacuation time  
 V = Vacuum values



Suction rate with different vacuum values

LEGEND:  
 F = Suction rate  
 V = Vacuum values

**Inline ejector VEDL**



VACUUM TECHNOLOGY

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<b>Mod.</b>
VEDL-05-T1
VEDL-07-T1