

# Series VED inline ejectors

Vacuum ejectors without moving parts, based on the Venturi principle, used for direct installation on suction pads.



- » No moving parts for long life and maintenance
- » Easy and fast installation directly at the gripping point
- » Reduced dimensions and weight

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

## GENERAL DATA

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

**CODING EXAMPLE**

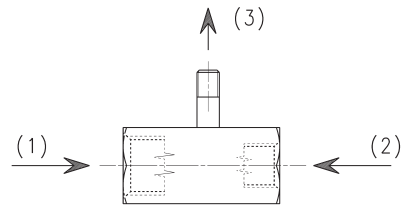
<b>VE</b>	<b>D</b>	-	<b>07</b>
<b>VE</b>	SERIES VE = Vacuum ejectors		
<b>D</b>	VERSION D = in-line		
<b>07</b>	NOZZLE DIAMETER 07 = 0,7 mm 09 = 0,9 mm		

SERIES VED INLINE EJECTORS

**TECHNICAL DATA**

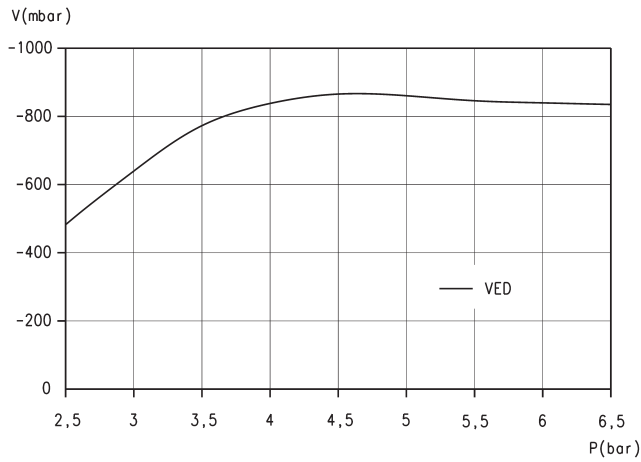


- 1 = Compressed Air Inlet
- 2 = Vacuum Inlet
- 3 = Exhaust



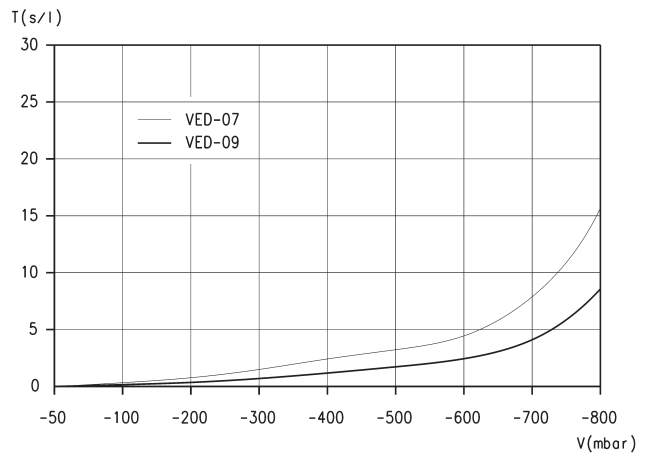
TECHNICAL DATA								
Mod.	Ø nozzle (mm)	Degree of evacuation (%)	Suction rate max. (l/min)	Suction rate max. (m <sup>3</sup> /h)	Air consumption (l/min)	Air consumption (m <sup>3</sup> /h)	Optimum supply pressure (bar)	Weight (kg)
<b>VED-07</b>	0,7	90	14	0,8	21	1,3	5	0,015
<b>VED-09</b>	0,9	89	21	1,3	36	2,2	5	0,015

**Diagrams VED**



**LEGEND:**  
V = Vacuum values  
P = Working pressure

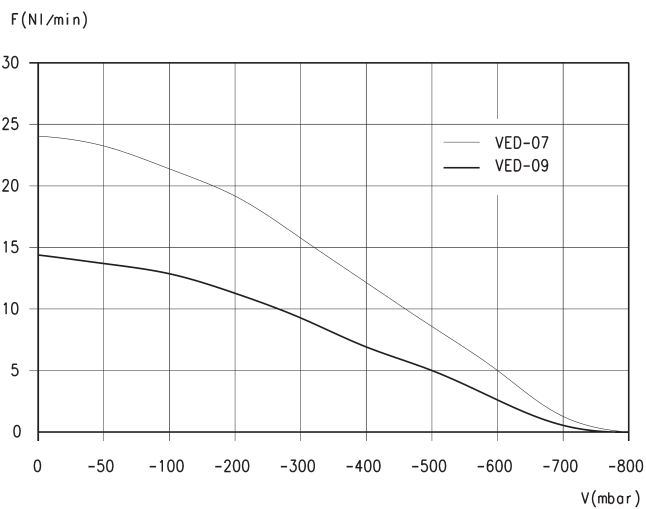
Note: vacuum reachable with different supply pressures



**LEGEND:**  
T = Evacuation time  
V = Vacuum values

Note: evacuation time for different vacuum values

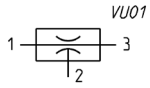
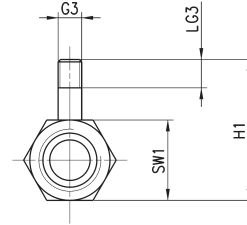
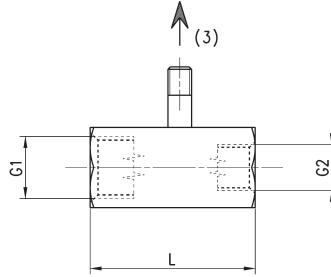
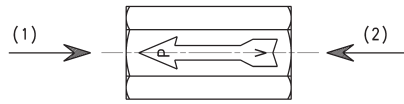
**Diagrams VED**



**LEGEND:**  
F = Suction rate  
V = Vacuum values

Note: Suction rate with different vacuum values

**EJECTOR VED 07 and 09**



SERIES VED INLINE EJECTORS

DIMENSIONS							
Mod.	G1	G2	G3*	H1	L	LG3	SW1
<b>VED-07</b>	G1/4	G1/8	M5	29,8	35	5	17
<b>VED-09</b>	G1/4	G1/8	M5	29,8	35	5	17