

INLINE EJECTORS

SERIES VED

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

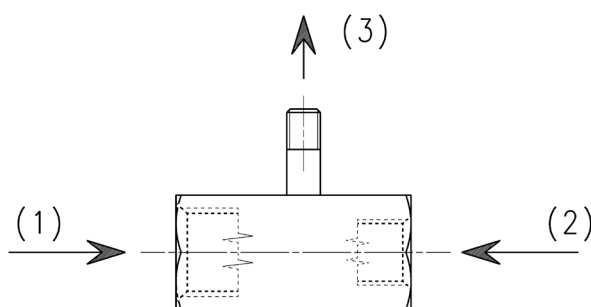
Description	<ul style="list-style-type: none"> - body in anodized Aluminium - internal nozzle in brass
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INLINE EJECTORS
SERIES VED - CODING EXAMPLE

CODING EXAMPLE

VED	-	05
VED	SERIES VED = Vacuum ejectors	
05	NOZZLE DIAMETER 05 = 0,5 mm 07 = 0,7 mm 09 = 0,9 mm	

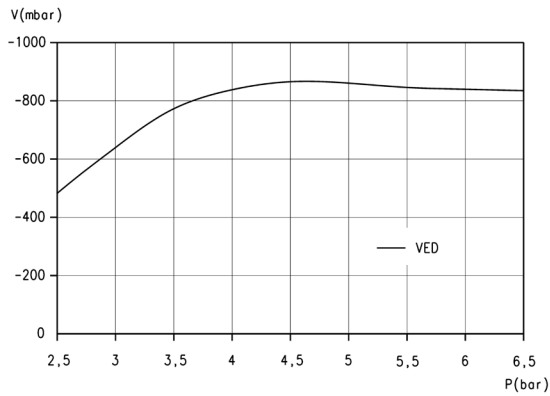
Technical data



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

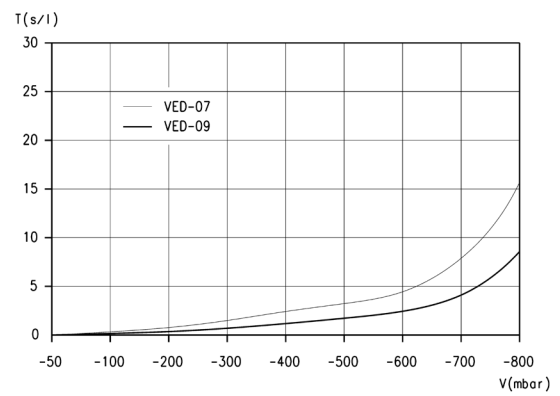
Mod.	Ø Nozzle (mm)	Degree of evacuation (%)	Suction rate max. (l/min)	Suction rate max. (m ³ /h)	Air consumption (l/min)	Air consumption (m ³ /h)	Optimum supply pressure (bar)	Weight (kg)
VED-05	0,5	87	7	0,4	12	0,7	5	0,015
VED-07	0,7	90	14	0,8	21	1,3	5	0,015
VED-09	0,9	89	21	1,3	36	2,2	5	0,015

Diagrams VED



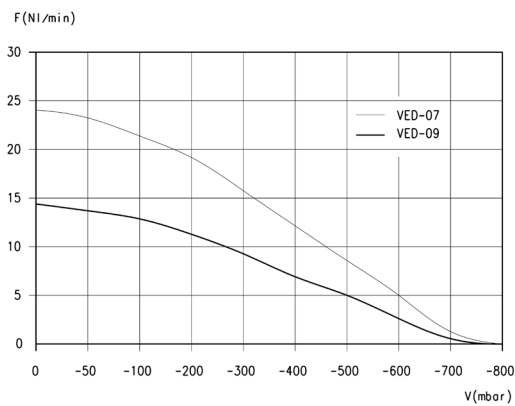
LEGEND:
 V = Vacuum values
 P = Working pressure

Vacuum reachable with different supply pressures



LEGEND:
 T = Evacuation time
 V = Vacuum values

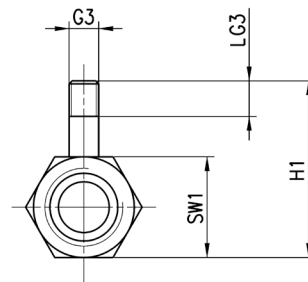
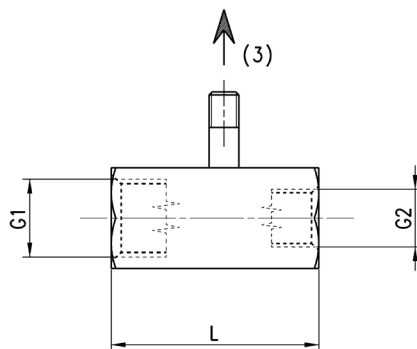
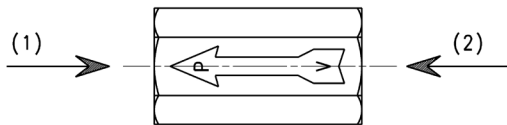
Evacuation time for different vacuum values



LEGEND:
 F = Suction rate
 V = Vacuum values

Suction rate with different vacuum values

Ejectors VED 05 07 and 09



VACUUM TECHNOLOGY

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Mod.	G1	G2	G3*	H1	L	LG3	SW1
VED-05	G1/4	G1/8	M5	29,8	35	5	17
VED-07	G1/4	G1/8	M5	29,8	35	5	17
VED-09	G1/4	G1/8	M5	29,8	35	5	17