

GVRL 10

Ultra Light In-line Ejector for High Speeds



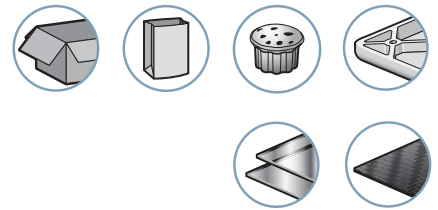
Due to its ultra light and compact nature, the GVRL ejector can be easily integrated onto automated, high-speed grippers. Its tough aluminum design is reliable and allows the GVRL to be mounted directly to the suction cup.

- Compact
- Lightweight
- Easy integration on grippers
- Excellent mechanical resistance
- Dust resistant
- Directly mounted onto suction cups
- Ideal for high-speed robotics (Flex-picker)

Connections

- Compressed air supply: G1/8"-Female
- Vacuum: G1/4"-Female
- Silencer: G1/4"-Female
- Vacuum switch plug available G1/8"-Female (supplied with stopper)

Industry-specific applications

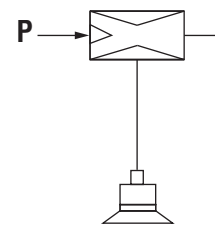


Characteristics					
References	Ø nozzle	Air consumed (NI/min)	Maximum vacuum (%)	Air drawn in (NI/min)	At air pressure (bar)
GVRL 10	1	44	85	29	3.5

Note: All dimensions are in mm

Evacuation Time in Seconds per Liter						
% vacuum	55%	60%	65%	70%	75%	80%
GVRL 10	1.76	2.04	2.38	2.8	3.33	4.09

Specifications	
Supply	Non-lubricated filtered air, pressure 2 to 8 bar
Optimum operating pressure	3.5 bar
Noise level	70 dB maxi at 3.5 bar (without silencer)
Weight	28 g
Material	Laiton, Aluminium
Temperature	0 to 60 °C.



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GVRL



Please specify the part n°. e.g. GVRL10
See part n° table above

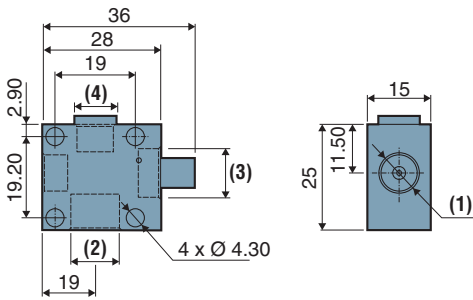
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Dimensions and Data Curves



Dimensions

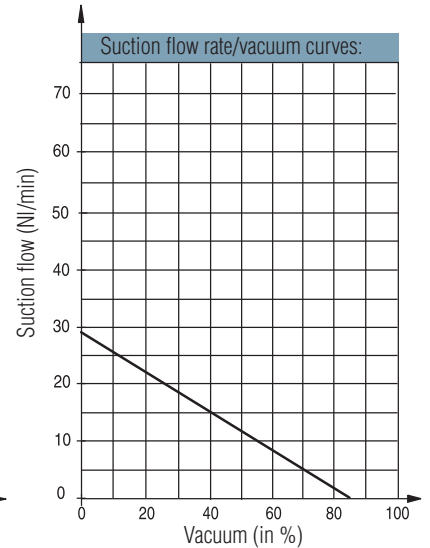
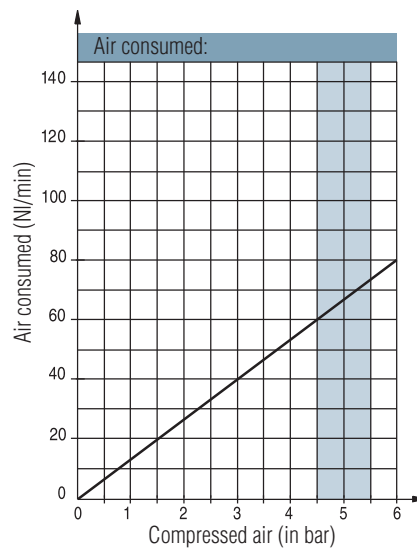
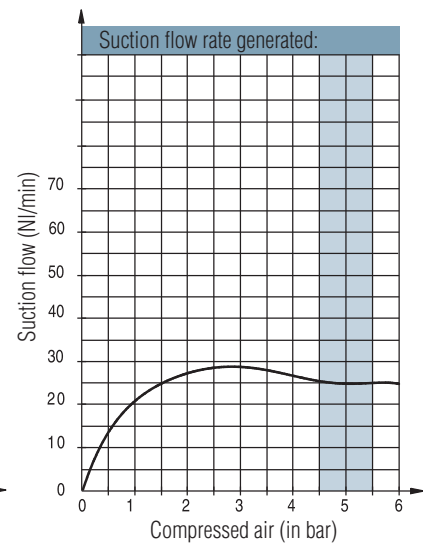
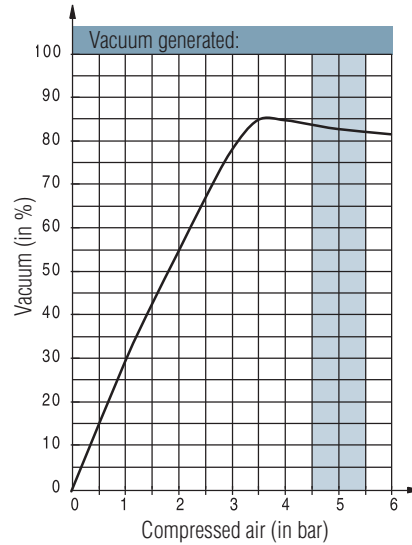


- (1) C.A. G1/8"-F
- (2) Vacuum outlet, G1/4"-F
- (3) Silencer G1/4"-F, depth 4mm
- (4) Vacuum switch plug G1/8"-F (supplied with stopper)

Options:

- Through-type silencer SILK14C

Data Curves



Note: All dimensions are in mm