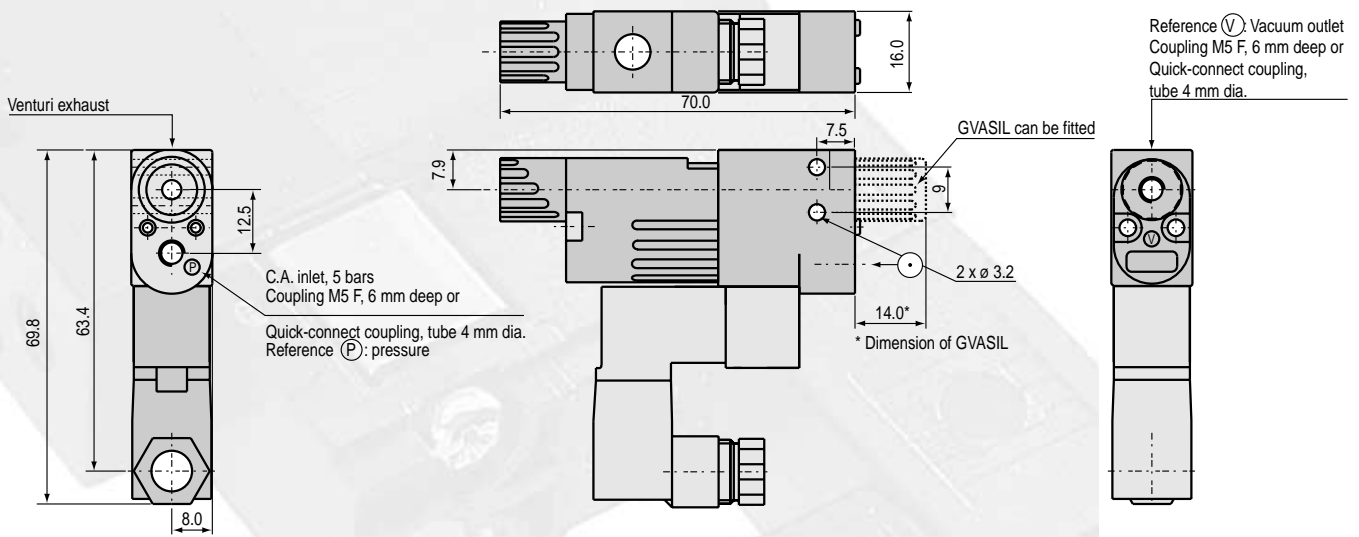


# Controlled micro-venturis, series GVAS



1



## Applications:

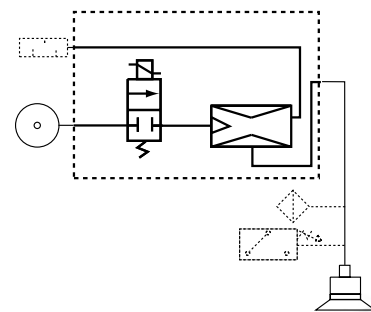
The mini-venturis in series GVAS are of identical design to GVA venturis but also feature an **integrated solenoid control**. This additional feature reduces response times and allows easier fitting.

## Characteristics:

Characteristics	Nozzle $\varnothing$	Air consumption	Maximum vacuum	Drawn-in air	At air pressure
Models	mm	NI/min	%	NI/min	bar
GVAS 07 (blue)	0.7	21	82	12	5
GVAS 09 (grey)	0.9	36	82	18	5

## Specifications:

Compressed air	Filtered, non-lubricated, pressure 2 to 6 bars
Temperature	-10 to 80°C
Material	Polyacetal (POM) for venturi and base (black)
Weight	80 g
Control valve	24 V DC N.C. (24 V AC - 220 V AC)
Operating frequency	2 Hz



## Fitting of optional equipment:

GVAS micro-venturis can be fitted in manifolds (2, 3, 4 or 6 units) to provide a common compressed air supply and exhaust collection. The vacuum connection option can be installed on venturis of type GVAS + M5.

See options on page 12.

## GVAS



1: Nozzle diameter	
07	0.7 mm (blue)
09	0.9 mm (grey)

2: Connection	
M5	C.A. and vacuum M5
24	C.A. and vacuum 2.7x4
M5-24	C.A. M5 and vacuum 2.7x4
24-M5	C.A. 2.7x4 and vacuum M5

3: Control valve	
E1	24 V DC N.C.
E-	Others on request

4: Silencers	
-	No silencer
S	GVASIL
SPO	GVASPO

See curves GVA, S, B and D on page 13.

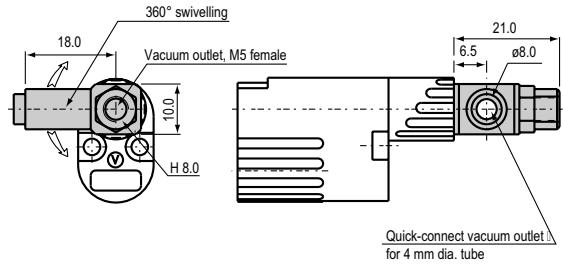
# Options for micro-venturis, series GVA, S, B, D

## Option GVA V:

**(Option applicable for GVA, S, B and D, vacuum outlet M5)**

This option allows a vacuum connector to be fitted on the suction cup system for connection to a monitoring vacuum switch (such as PSE 100). This provides data on the vacuum level.

Connection for 4 mm dia. tube.

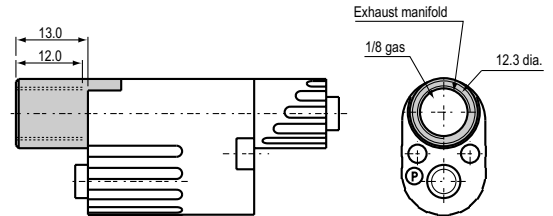


## Option GVA C:

**(Factory fitted)**

Female connection 1/8 G (gas type) for collection of venturi exhaust.

If a number of venturis are used, it is recommended to use a manifold, option GVAG2.

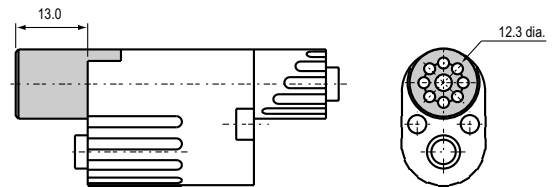


## Option GVASIL:

Female connector 1/8 G.

Silencer for GVA.

10 dBa noise level attenuation.

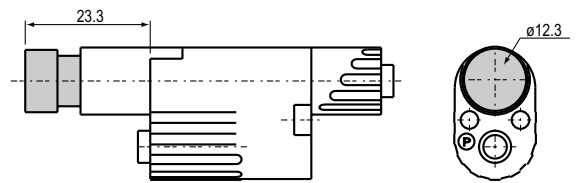


## Option GVASPO:

Silencer more efficient than GVASIL.

20 dBa noise level attenuation.

Adjustment for adaptation to GVA07 or GVA09 models by screwing or unscrewing the white part.

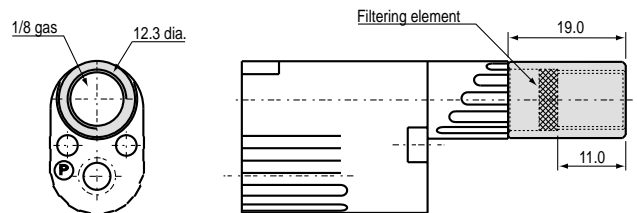


## Option, vacuum filter GVA F18:

**(Fitting on GVA, S, B, D, vacuum outlet M5)**

450-micrometre filtration to avoid blocking of the venturi by dust.

Note: These options are compatible with option GVAV. In this case, option GVAV must be fitted between GVA and option GVAF.



## Accessory GVAG2 (3/4/6) Manifold:

**Compatible with GVA and GVAS (M5 or 24)**

Possibility of battery installation (manifold), 4 manifold models for 2, 3, 4 or 6 venturis simultaneously, exhaust manifold and a single compressed air supply.

Material: anodized aluminium.

Models	GVA G2	GVA G3	GVA G4	GVA G6
L (mm)	55	72.5	90	125
M (mm)	45	62.5	80	115

## Option GVAP, Manifold:

Plug plate for blanking of unused venturi position.

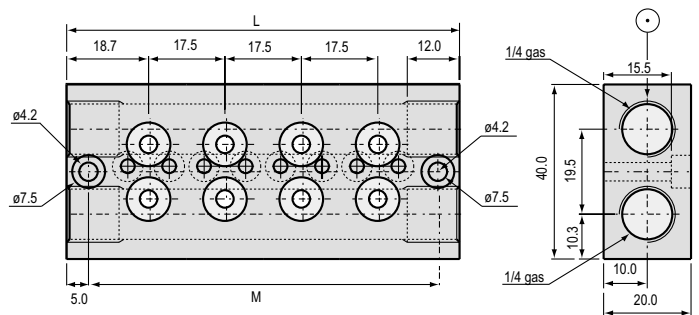
## Option GVAGB Manifold:

Plug, 1/4 gas type, blanking of compressed air or exhaust.

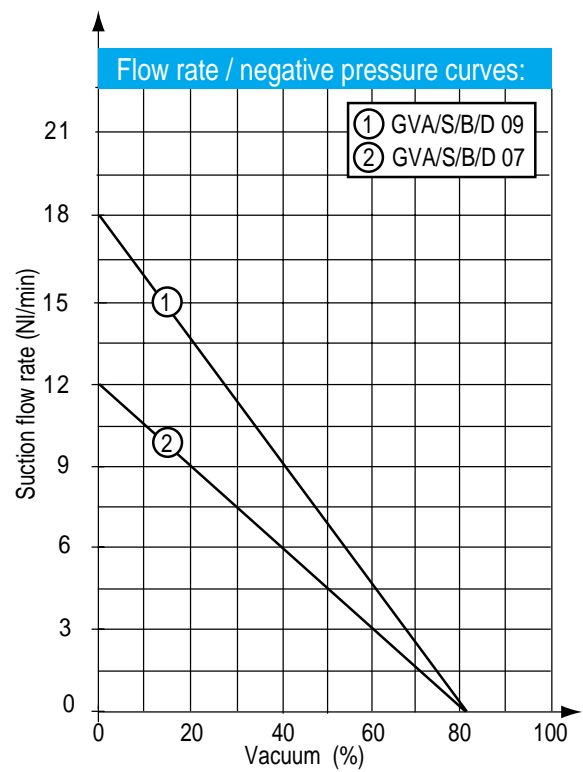
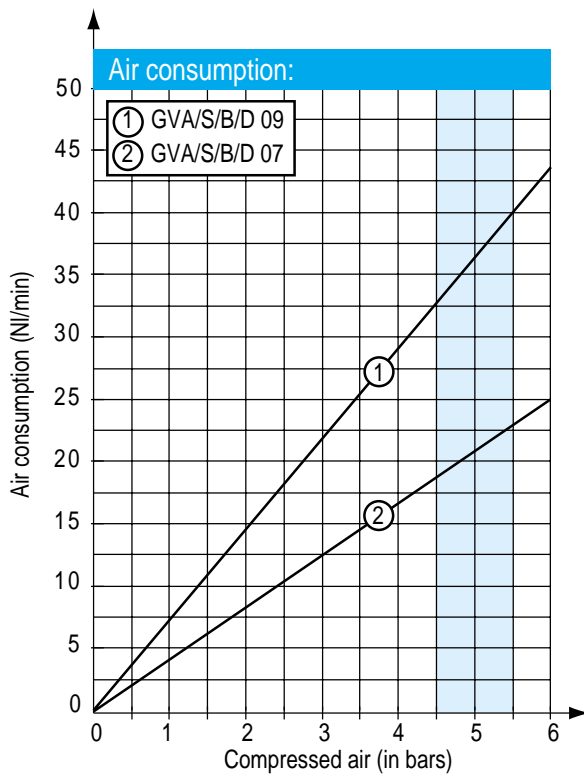
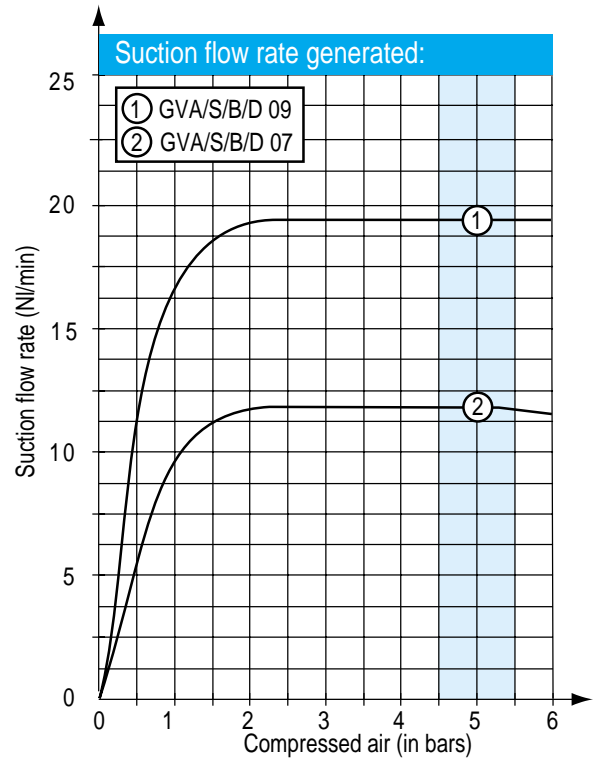
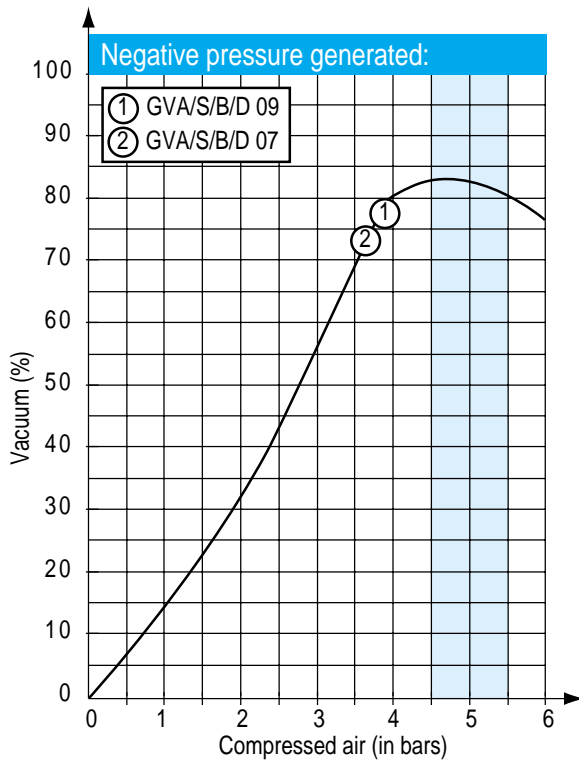
## Fitting of silencer on exhaust:

**Model SILGV15**

Both "exhaust" outlets must be open for GVA G4 and GVA G6. Each of them is equipped with a silencer.



# Curves for micro-venturis, series GVA, S, B, D



Dimensions and characteristics may be modified without notice.

The curves shown above indicate the mean values of the capacities of our products.