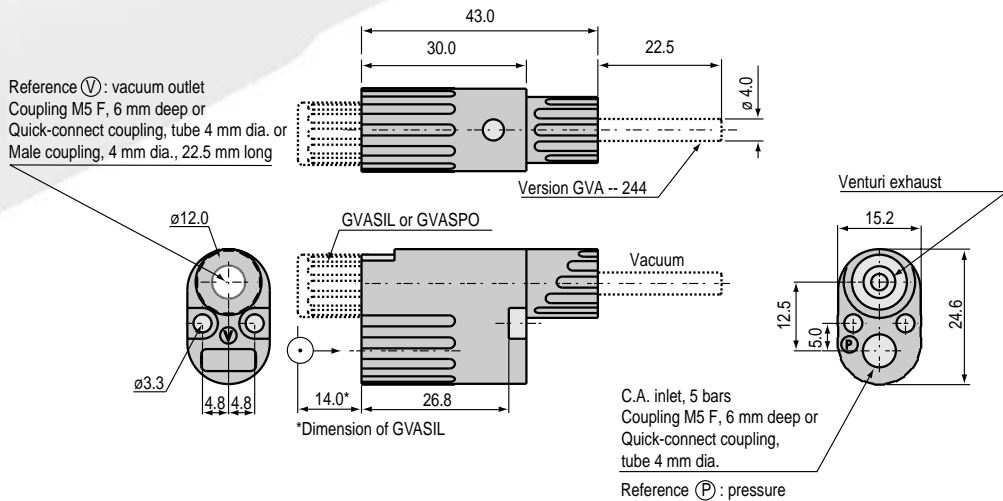


Micro-venturis, series GVA



1



Applications :

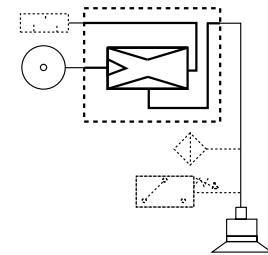
The mini-venturis in series GVA are especially suitable for robotic use owing to their **light weight and rapid response time**. Their design based on **thermoplastic material** preserves their excellent mechanical characteristics while providing **economic** vacuum-operated handling solutions.

Characteristics :

Characteristics	Nozzle ø	Air consumption	Maximum vacuum	Drawn-in air	At air pressure
Models	mm	NI/min	%	NI/min	bar
GVA 07 (blue)	0.7	21	82	12	5
GVA 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), blue for GVA 07 or grey for GVA 09
Weight	15 g
Insert M5	Brass - On option: stainless steel



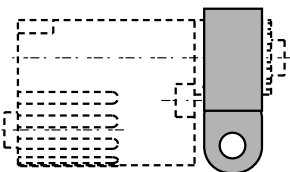
Fitting of optional equipment :

- Fitting of silencer GVASIL or GVASPO
- Connection for exhaust collection GVAC
- Vacuum data connector GVAV
- Manifold installation GVAG
- Vacuum filter GVA F18.

See options on page 12.

Attachment of venturi :

- Clamp, ref. **GA.V.F**
- Supplied in sets of 5.



GVA

1	2	3
1: Nozzle diameter	2: Connection	3: Silencers
07 0.7 mm (blue)	M5 M5 female, C.A. and vacuum	- No silencer
09 0.9 mm (grey)	M5I M5 female, C.A. and vacuum, stainless steel	S GVASIL
	24 Tube 2.7/4 mm, C.A. and vacuum	SPO GVASPO
	244 Tube 2.7/4 mm, C.A., 4 dia. on vacuum	

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

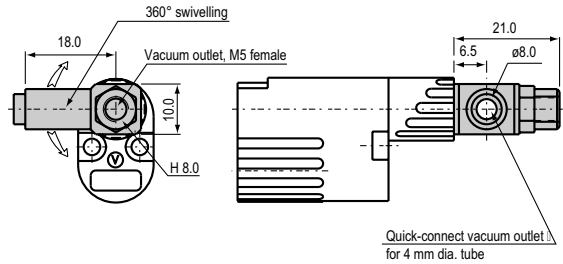
Options for micro-venturis, series GVA, S, B, D

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.

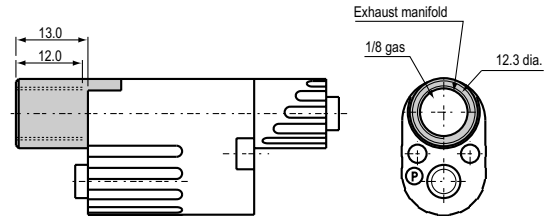


Option GVA C:

(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.

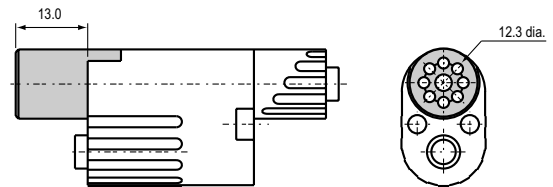


Option GVASIL:

Female connector 1/8 G.

Silencer for GVA.

10 dBa noise level attenuation.

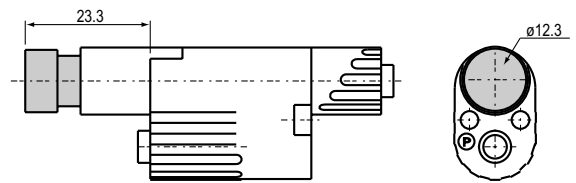


Option GVASPO:

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.

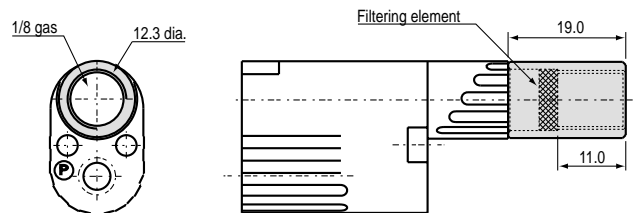


Option, vacuum filter GVA F18:

(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.

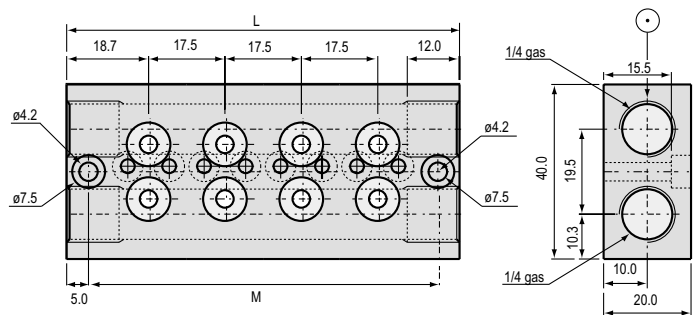
Option GVAGB Manifold:

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

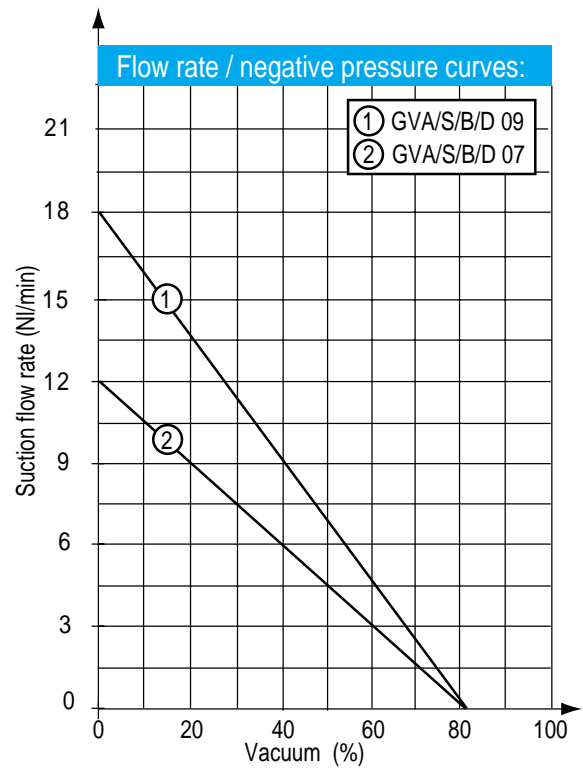
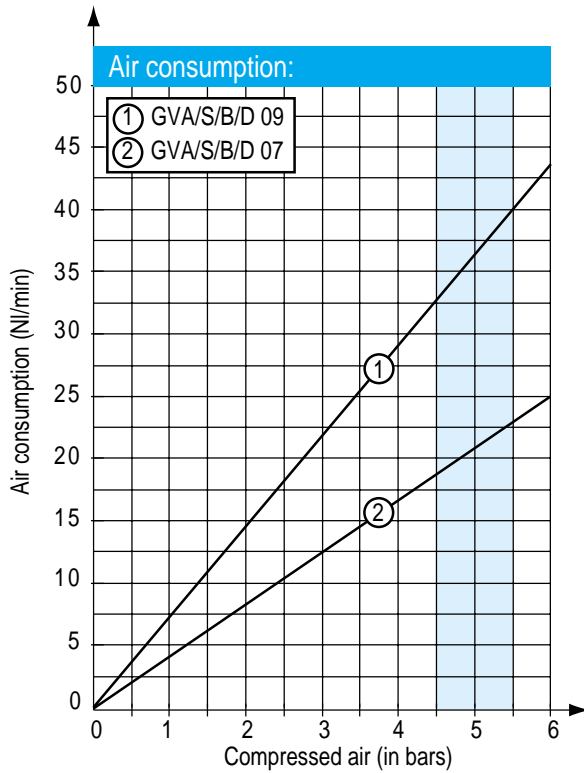
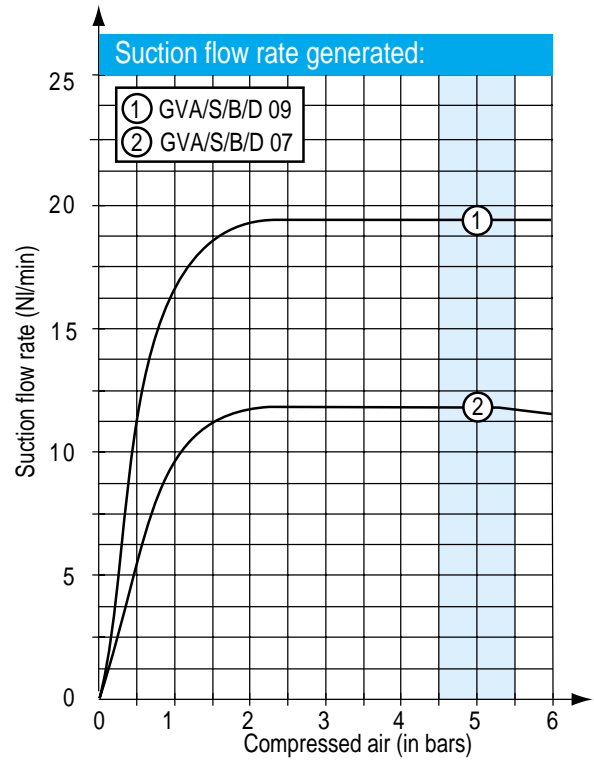
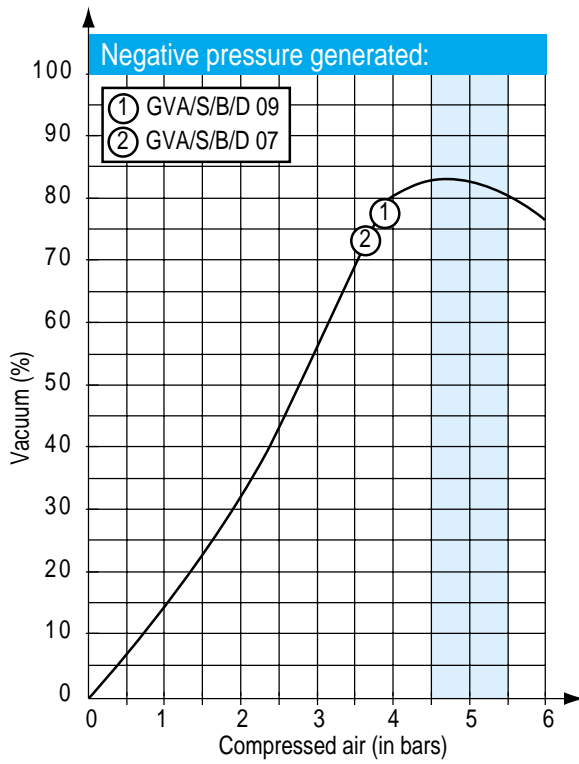
Fitting of silencer on exhaust:

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.