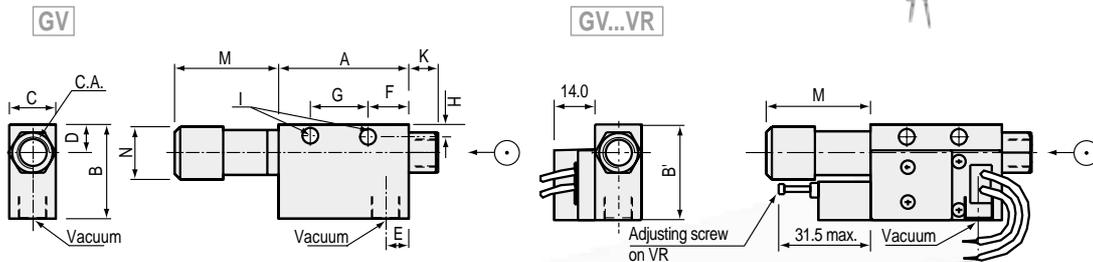
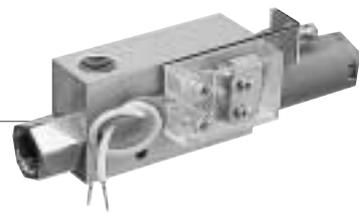


Mini-venturis, series GV



Models	A	B	B'	C	D	E	F	G	H	I	Vacuum	K	C.A.	S	M	K	N
GV 10	45	33	33	16	10	8	14	20	4.5	2-4.2	G 1/8"	10	G 1/8"	36	-	-	18,5
GV 15	63	35	35	20	11	10	20	25	5	2-4.5	G 1/4"	15	G 1/4"	45.5	50,5	20	

Applications:

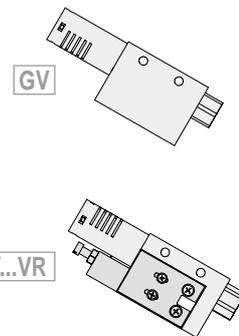
The mini-venturis in series GV are light-weight and compact design. This two-fold advantage allows their **integration in robotic systems**.
Version GV ...VR is equipped with an electromagnetic vacuum switch so the user can control the vacuum level in the suction cup system at all times.

Characteristics:

Characteristics	Nozzle ø mm	Air consumption Nl/min	Maximum vacuum		Drawn-in air		At air pressure bar
			X	N	X	N	
Models							
GV 10	1	44	56	90	36	27	5
GV 15	1.5	100	56	90	95	63	5

Specifications:

Compressed air	Filtered, non-lubricated, pressure 2 to 6 bars
Temperature	-10 to 80°C
Material	Anodized aluminium
Hysteresis (version VR)	40 to 140 mbars
Weight	GV 10 GV 15
GV/GV...V/GV...VR	80/100/120 140/160/190



Max. cutout capacity:
125V, 50Hz, 5A
250V, 50Hz, 3A

Accessories:

Compressed air control valve, COVAL reference: AP2. See page 109.

On request:

- Fitting of an electronic vacuum switch on models GV 15.
- Fitting of a vacuum switch, factory pre-adjusted to approx. -350 mbars, **model V**.
- Fitting of a non-clogging through silencer, **issue K instead of S**, for models 15.
- Fitting of a compressed air control solenoid valve.

GV



1: Nozzle diameter	
10	1 mm
15	1.5 mm

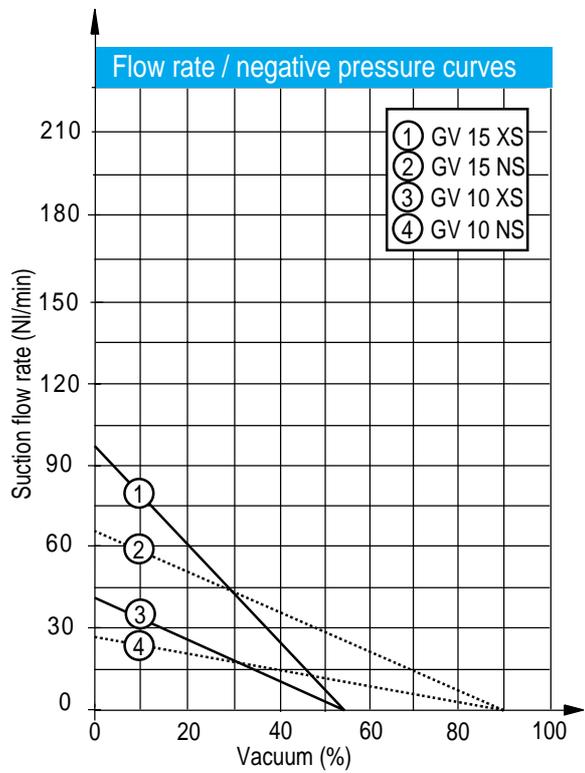
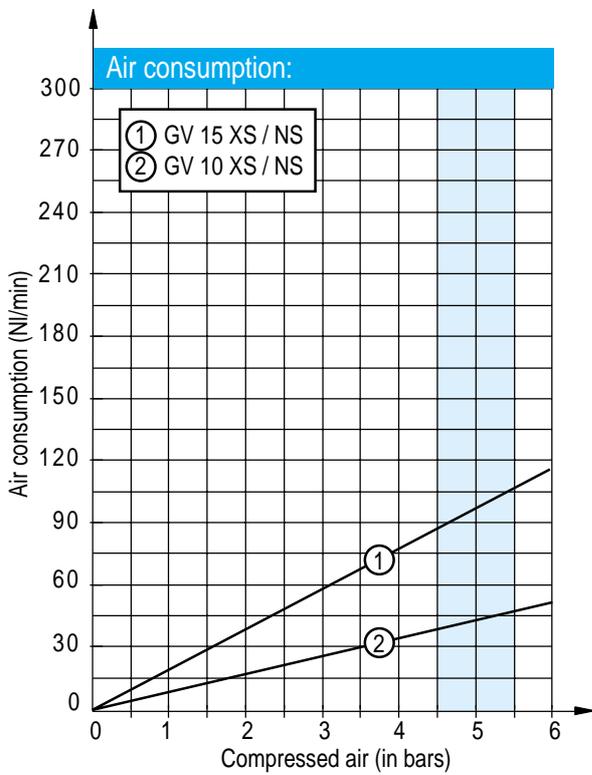
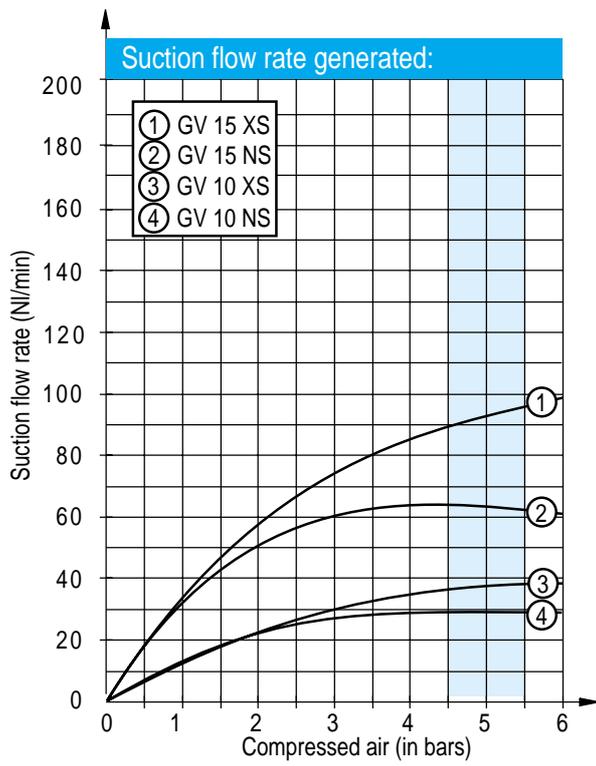
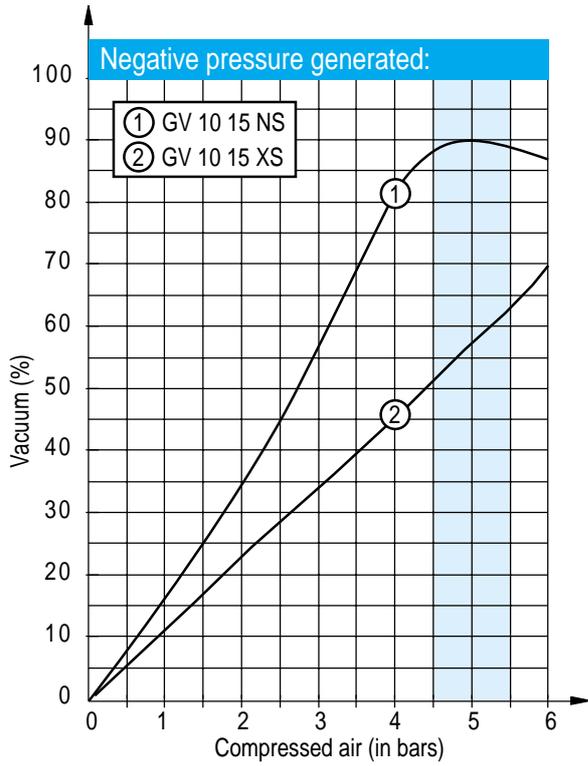
2: Vacuum level	
X	56% vacuum
N	90% vacuum

3: Silencer	
-	Without silencer
S	With diffuser type silencer
K	With through type silencer

4: Options	
-	Without
VR	Adjustable vacuum switch (-200 to -530 mb)
V	Pre-adjusted vacuum switch (-350 mb approx.)

Dimensions and characteristics may be modified without notice.

Curves for mini-venturis, series GV



Dimensions and characteristics may be modified without notice.

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