



Item no: 0231209

## VGS4005, SX12 Ø 1/4"

Piab VGS™ – A product design where different suction cups are integrated with vacuum cartridges based on the patented COAX® technology. The "vacuum gripper" makes selection, sizing and installation of a vacuum system easier. With a VGS™ you will enjoy the benefits of a more cost-efficient and reliable... decentralized vacuum system.

- · Light weight vacuum gripper ejector with plastic housing
- VGS4005 with SX12 or SX42 cartridge without flap valves, a COAX® chosen for very harsh environments,
   combining high dust and high humidity levels
- Optimal in applications when less vacuum depth is needed, such as bag/pouch handling etc
- · Reduced noise level with Integrated silencer
- VGS4005 is compatible with any suction cup with G3/8" male fitting from Piab's assortment.

## General

Material PU, PA, POM, SS, CUZN, NBR, PPM

Noise level 63 - 75 dBA
Temperature -10 - 80 °C
Weight 70 g

Performance

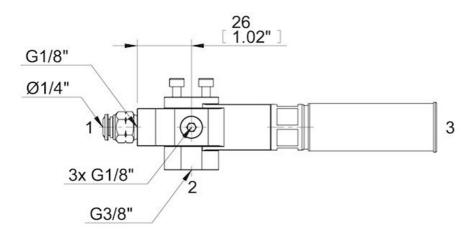
Feed pressure, max. 0.7 MPa

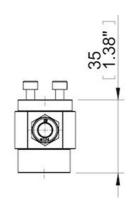
Mechanical data

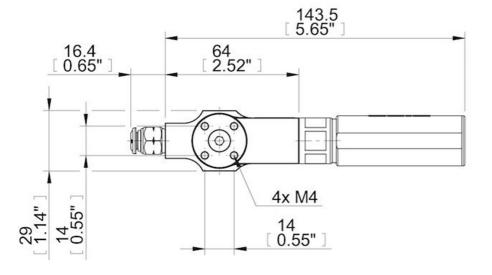
Load, vertical, max. 70 N

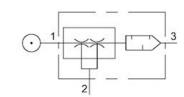
Feed pressure	Air consumption	Vacuu	Vacuum flow (NI/s) at different vacuum levels (-kPa)								
MPa	NI/s	0	10	20	30	40	50	60	70	80	-kPa
SX12 0.5 - 0.5	0.72	1.22	1.03	0.78	0.52	0.27	0	0	0	0	47
SX12 0.6 - 0.6	0.84	1.34	1.15	0.96	0.7	0.45	0.17	0	0	0	55
		umption Evacuation time (s/l) to reach different vacuum levels (-kPa) Max vacuum									
Feed pressure	Air consumption	Evacuat	tion time	(s/l) to rea	ach diffe	rent vacu	ıum leve	ls (-kP	a)		Max vacuum
Feed pressure	Air consumption	Evacuat	tion time	(s/l) to rea	ach diffe 40	rent vacu	uum leve	ls (-kP 70	a) 80	90	Max vacuum
·	·			. , ,		50		,	,	90	

## Dimensional drawings 🔓









- Compressed air: Ø1/4 mm. G1/8"
   Vacuum: G3/8" and 3 x G1/8"
- 3. Exhaust